

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017355.D
 Acq On : 13 Jul 2020 16:05
 Operator : JC/SP
 Sample : L3216-07 .2PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Quant Time: Jul 14 03:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	353409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	547830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	504463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	208699	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.46	113	171369	46.44	ug/l	-0.01
Spiked Amount			Recovery	=	92.88%	
50) Toluene-d8	8.70	98	615551	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	11.12	95	227244	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	621	0.208	ug/l	86
3) Chloromethane	1.31	50	1087	0.323	ug/l #	82
4) Vinyl Chloride	1.39	62	813	0.244	ug/l #	85
5) Bromomethane	1.64	94	1340	0.618	ug/l	92
6) Chloroethane	1.72	64	473	0.225	ug/l #	75
7) Trichlorofluoromethane	1.92	101	1141	0.203	ug/l	85
8) Diethyl Ether	2.16	74	460	0.231	ug/l	64
9) 1,1,2-Trichlorotrifluoroet	2.37	101	665	0.208	ug/l	91
10) Methyl Iodide	2.49	142	1607	0.414	ug/l #	92
11) Tert butyl alcohol	3.00	59	951	1.273	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	1186	0.369	ug/l #	40
13) Acrolein	2.28	56	902	2.202	ug/l	93
14) Allyl chloride	2.70	41	1803	0.324	ug/l	96
15) Acrylonitrile	3.12	53	2495	1.377	ug/l #	88
16) Acetone	2.41	43	3023	1.910	ug/l	93
17) Carbon Disulfide	2.55	76	5083	0.542	ug/l	100
18) Methyl Acetate	2.76	43	1085	0.278	ug/l #	78
19) Methyl tert-butyl Ether	3.17	73	2513	0.230	ug/l #	75
20) Methylene Chloride	2.83	84	2344	0.607	ug/l	93
21) trans-1,2-Dichloroethene	3.13	96	1562	0.424	ug/l #	56
22) Diisopropyl ether	3.82	45	2481	0.234	ug/l #	84
23) Vinyl Acetate	3.79	43	8760	0.938	ug/l #	89
24) 1,1-Dichloroethane	3.67	63	1333	0.214	ug/l #	84
25) 2-Butanone	4.65	43	3439	1.368	ug/l #	80
26) 2,2-Dichloropropane	4.56	77	1375	0.237	ug/l #	58
27) cis-1,2-Dichloroethene	4.56	96	1299	0.322	ug/l	89
28) Bromochloromethane	4.98	49	729	0.253	ug/l #	46
29) Tetrahydrofuran	5.11	42	1981	1.218	ug/l	93
30) Chloroform	5.17	83	1430	0.213	ug/l	89
31) Cyclohexane	5.54	56	878	0.172	ug/l #	66
32) 1,1,1-Trichloroethane	5.44	97	1469	0.237	ug/l #	25
36) 1,1-Dichloropropene	5.78	75	1509	0.299	ug/l #	54
37) Ethyl Acetate	4.79	43	1532	0.294	ug/l #	72
38) Carbon Tetrachloride	5.74	117	1143	0.194	ug/l #	57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	1332	0.243	ug/l #	87
40) Benzene	6.10	78	3360	0.232	ug/l	94
41) Methacrylonitrile	4.98	41	369	0.132	ug/l #	82
42) 1,2-Dichloroethane	6.15	62	1889	0.336	ug/l	86
43) Isopropyl Acetate	6.43	43	2109	0.253	ug/l #	92
44) Trichloroethene	7.18	130	1283	0.290	ug/l	94
45) 1,2-Dichloropropane	7.49	63	1067	0.288	ug/l #	88
46) Dibromomethane	7.64	93	694	0.260	ug/l #	82
47) Bromodichloromethane	7.87	83	1162	0.208	ug/l #	92
48) Methyl methacrylate	7.74	41	1090	0.273	ug/l #	77
49) 1,4-Dioxane	7.72	88	327	3.999	ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	4192	0.826	ug/l	97
52) Toluene	8.76	92	1951	0.210	ug/l	93
53) t-1,3-Dichloropropene	9.02	75	1701	0.283	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1346	0.210	ug/l #	90
55) 1,1,2-Trichloroethane	9.20	97	1086	0.280	ug/l #	70
56) Ethyl methacrylate	9.16	69	1049	0.191	ug/l #	74
57) 1,3-Dichloropropane	9.35	76	1480	0.230	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	1972	0.706	ug/l	94
59) 2-Hexanone	9.47	43	2892	0.755	ug/l	99
60) Dibromochloromethane	9.56	129	1060	0.224	ug/l	77
61) 1,2-Dibromoethane	9.66	107	1046	0.248	ug/l	98
64) Tetrachloroethene	9.32	164	1199	0.275	ug/l #	79
65) Chlorobenzene	10.12	112	2632	0.257	ug/l #	77
66) 1,1,1,2-Tetrachloroethane	10.20	131	877	0.215	ug/l #	65
67) Ethyl Benzene	10.23	91	3872	0.227	ug/l	99
68) m/p-Xylenes	10.34	106	2728	0.420	ug/l	87
69) o-Xylene	10.68	106	1201	0.194	ug/l	96
70) Styrene	10.70	104	2118	0.199	ug/l #	84
71) Bromoform	10.84	173	673	0.195	ug/l #	28
73) Isopropylbenzene	11.01	105	2870	0.181	ug/l	90
74) N-amyl acetate	10.88	43	1346	0.213	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	1142	0.238	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	113940	24.429	ug/l #	37
77) Bromobenzene	11.24	156	1203	0.267	ug/l	87
78) n-propylbenzene	11.34	91	4056	0.228	ug/l	95
79) 2-Chlorotoluene	11.40	91	2599	0.237	ug/l	92
80) 1,3,5-Trimethylbenzene	11.49	105	2426	0.181	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.12	75	113940	61.970	ug/l #	11
82) 4-Chlorotoluene	11.49	91	3396	0.262	ug/l	99
83) tert-Butylbenzene	11.76	119	2353	0.181	ug/l	86
84) 1,2,4-Trimethylbenzene	11.79	105	2489	0.183	ug/l	67
85) sec-Butylbenzene	11.93	105	2779	0.183	ug/l	98
86) p-Isopropyltoluene	12.05	119	2547	0.177	ug/l #	72
87) 1,3-Dichlorobenzene	12.01	146	2171	0.269	ug/l	87
88) 1,4-Dichlorobenzene	12.01	146	2171	0.267	ug/l	87
89) n-Butylbenzene	12.37	91	2858	0.233	ug/l	90
90) Hexachloroethane	12.58	117	478	0.175	ug/l	74
91) 1,2-Dichlorobenzene	12.38	146	2014	0.266	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	467	0.368	ug/l	68

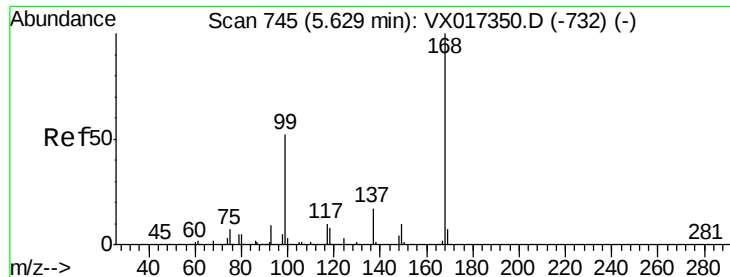
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1708	0.325	ug/l	95
94) Hexachlorobutadiene	13.77	225	765	0.357	ug/l	67
95) Naphthalene	13.82	128	3557	0.230	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	1463	0.288	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

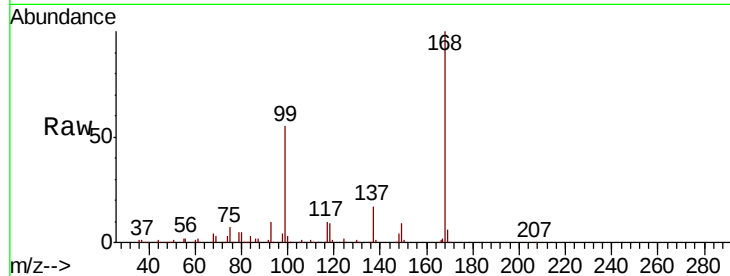
LOD-MDL-WATER-01-QT3-2020

Tot Ion:168 Resp: 353409

Ion Ratio Lower Upper

168 100

99 54.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

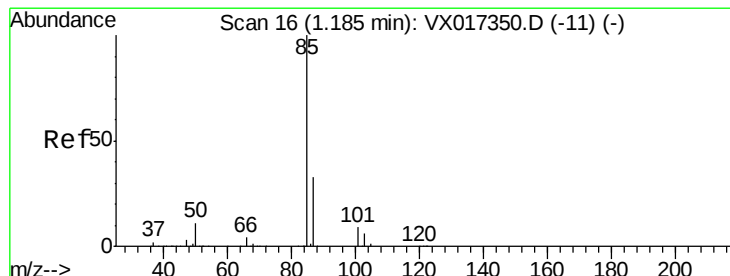
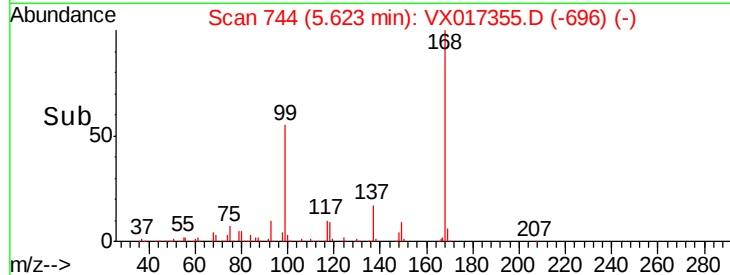
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.208 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017355.D

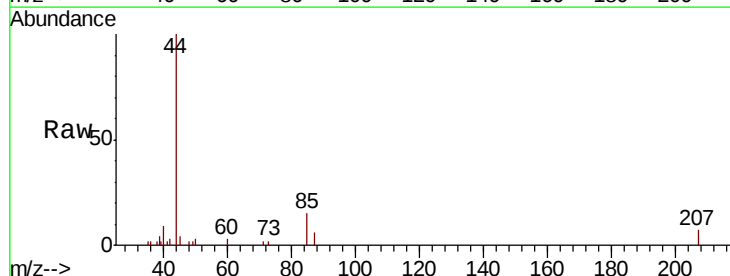
Acq: 13 Jul 2020 16:05

Tgt Ion: 85 Resp: 621

Ion Ratio Lower Upper

85 100

87 40.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600

500

400

300

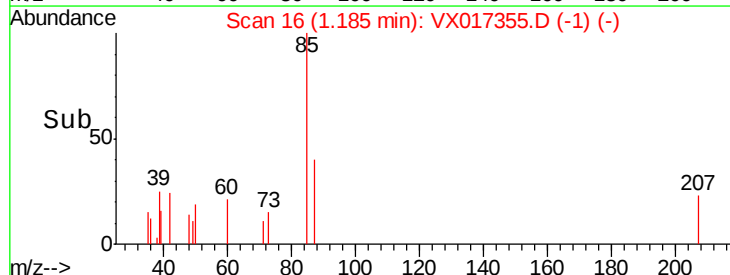
200

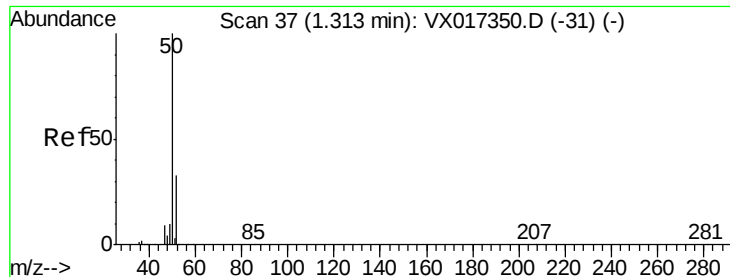
100

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.323 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

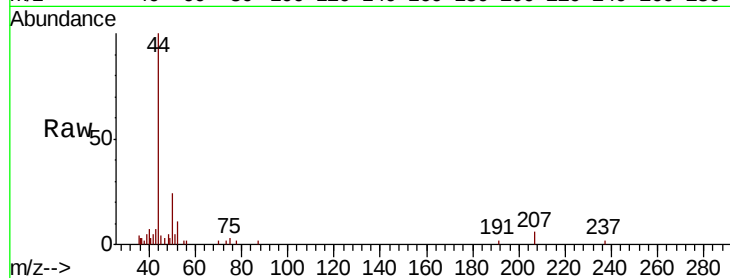
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 50 Resp: 1087

Ion Ratio Lower Upper

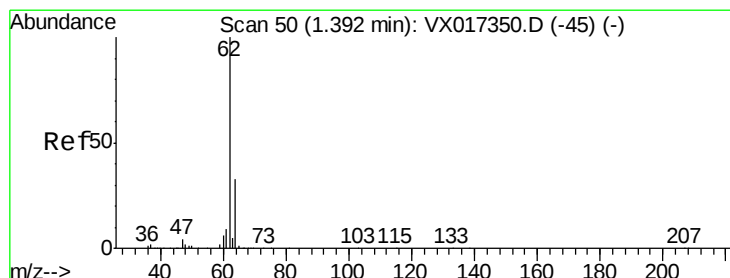
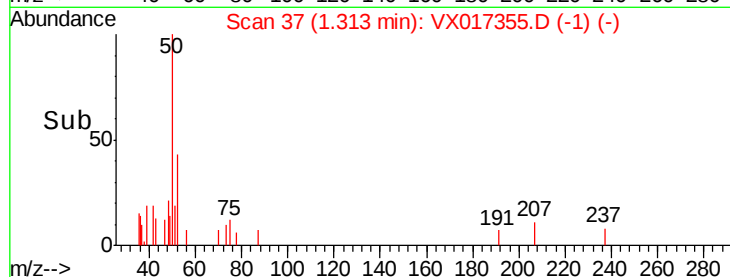
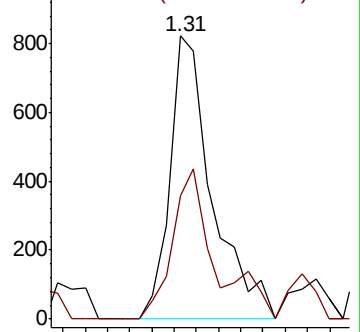
50 100

52 43.4 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.244 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017355.D

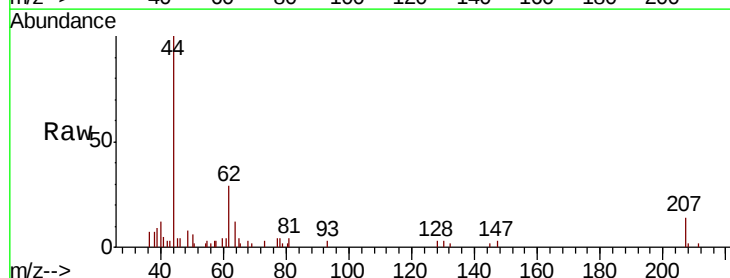
Acq: 13 Jul 2020 16:05

Tgt Ion: 62 Resp: 813

Ion Ratio Lower Upper

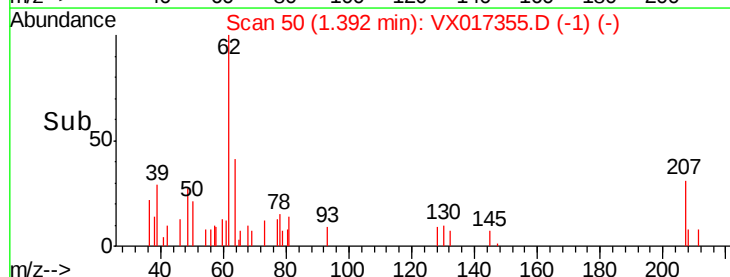
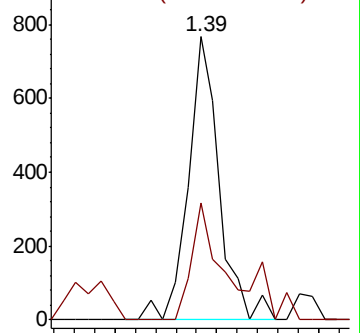
62 100

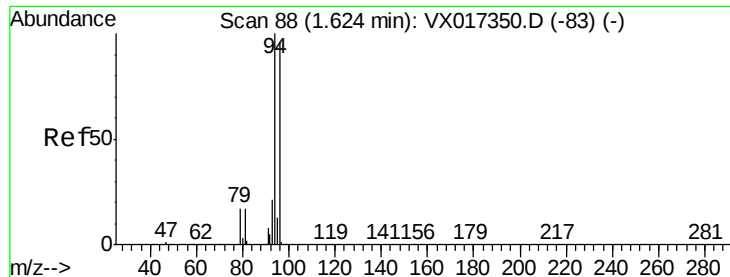
64 41.5 26.3 39.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.618 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

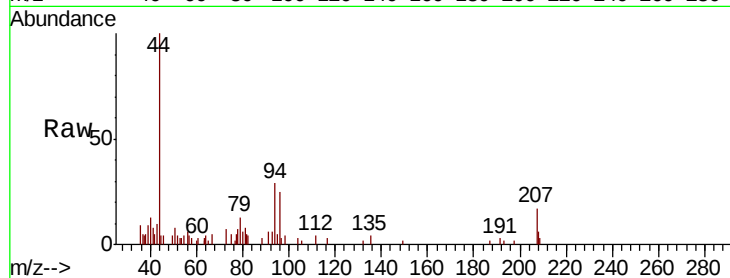
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 94 Resp: 1340

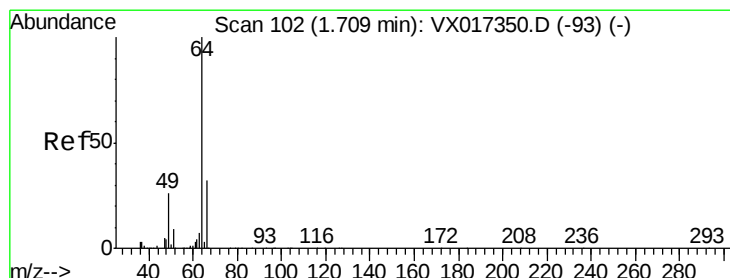
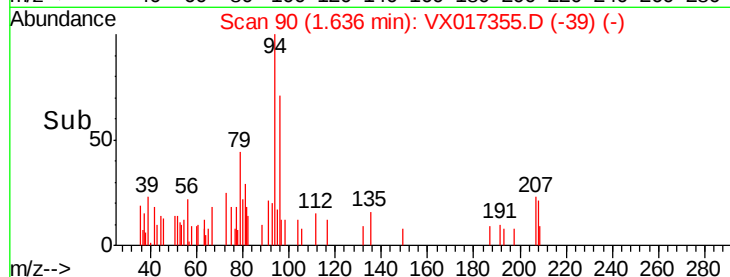
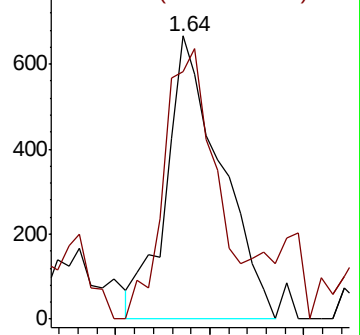
Ion Ratio Lower Upper

94 100

96 87.5 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0



#6

Chloroethane

Concen: 0.225 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017355.D

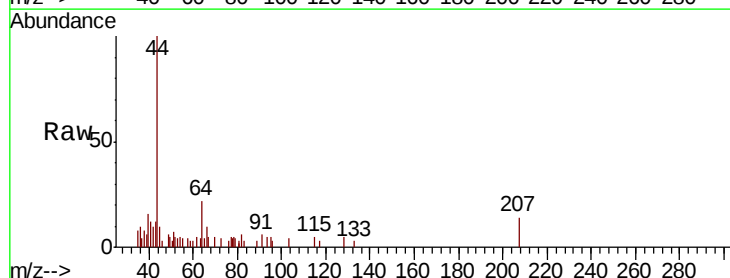
Acq: 13 Jul 2020 16:05

Tgt Ion: 64 Resp: 473

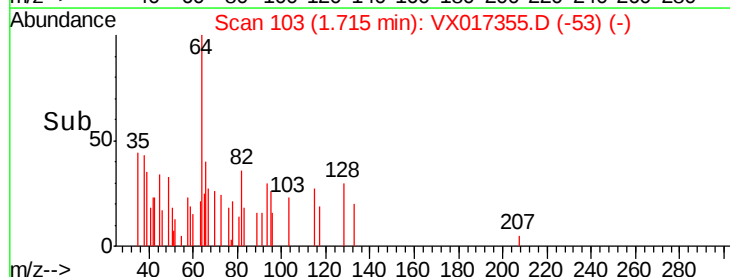
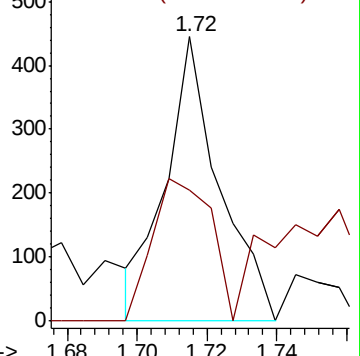
Ion Ratio Lower Upper

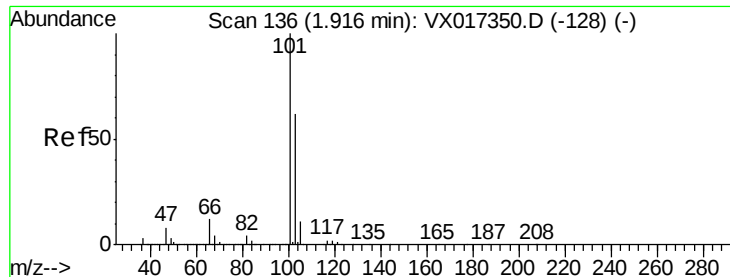
64 100

66 45.8 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0



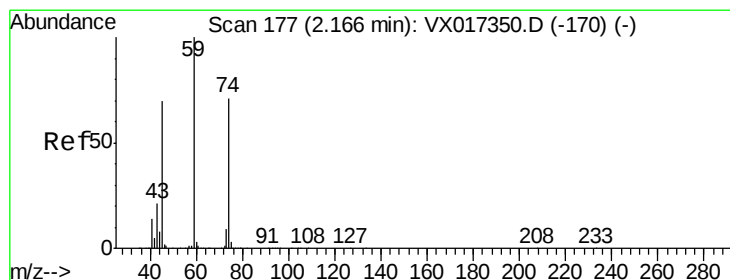
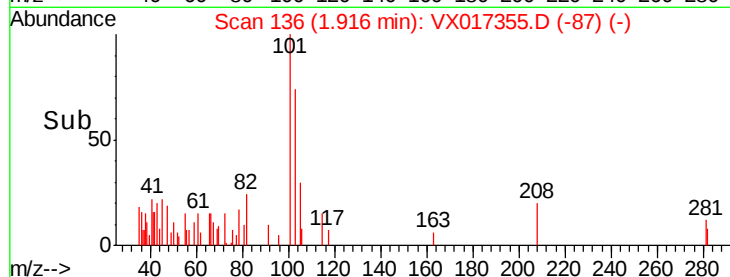
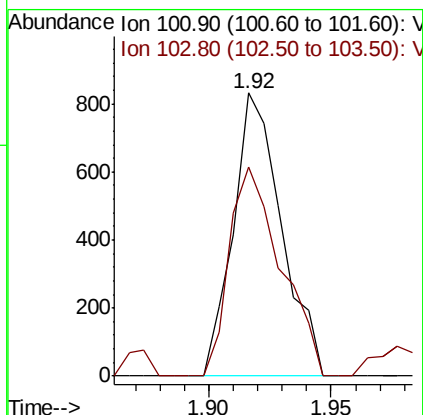
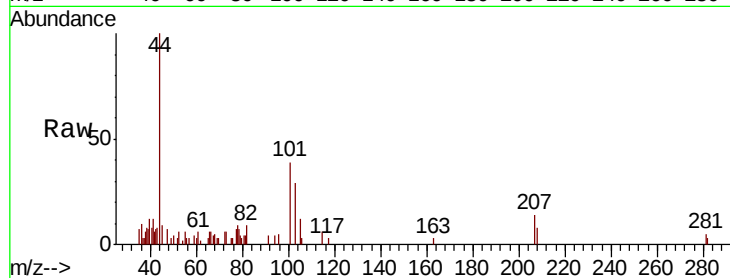


#7

Trichlorofluoromethane
 Concen: 0.203 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Instrument :
 MSVOA_X
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 LOD-MDL-WATER-01-QT3-2020

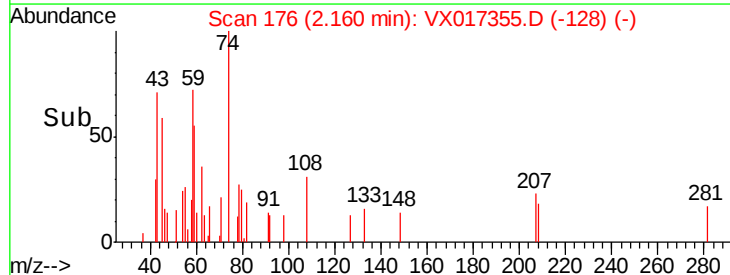
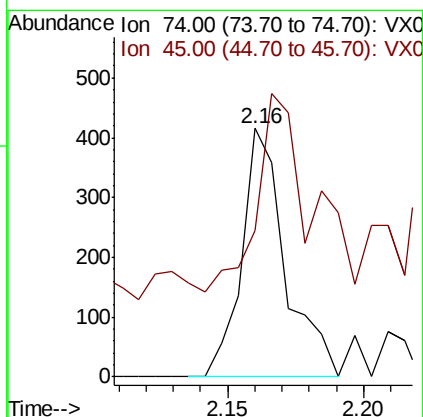
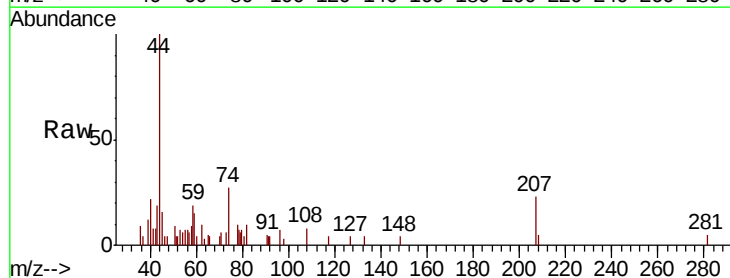
Tot Ion:101 Resp: 1141
 Ion Ratio Lower Upper
 101 100
 103 73.8 49.6 74.4

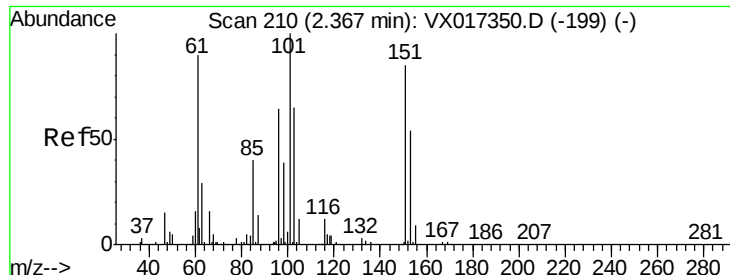


#8

Diethyl Ether
 Concen: 0.231 ug/l
 RT: 2.16 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion: 74 Resp: 460
 Ion Ratio Lower Upper
 74 100
 45 129.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.208 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

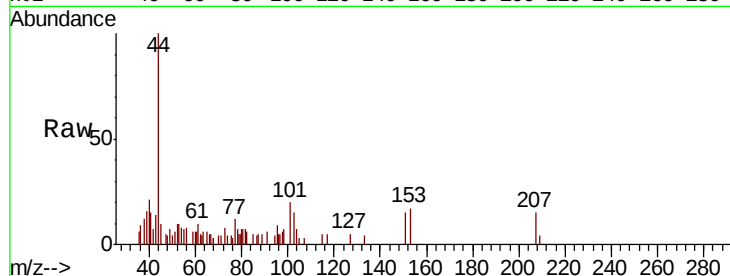
Tot Ion:101 Resp: 665

Ion Ratio Lower Upper

101 100

85 33.7 33.7 50.5

151 77.3 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

2.35 2.40

2.37

2.37

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2.37

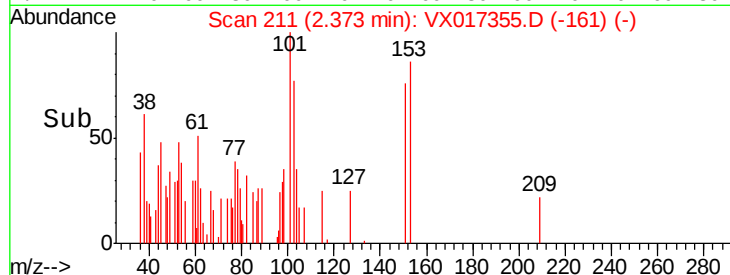
2.37

2.37

2.37

2.37

2.37



#10

Methyl Iodide

Concen: 0.414 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

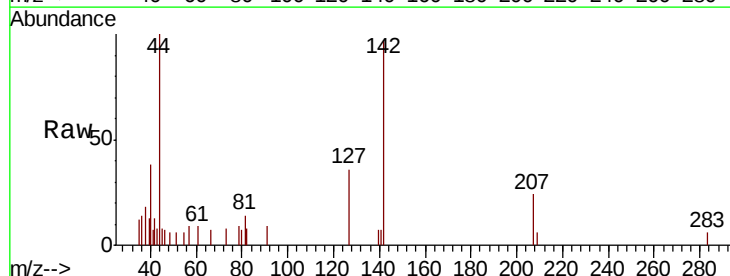
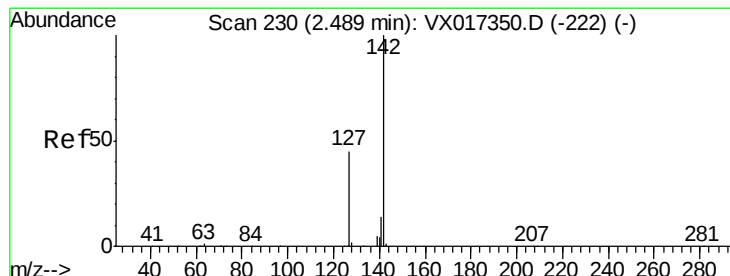
Tgt Ion:142 Resp: 1607

Ion Ratio Lower Upper

142 100

127 48.4 36.8 55.2

141 5.4 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.49

2.45 2.50 2.55

2.49

2.49

2.49

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2.49

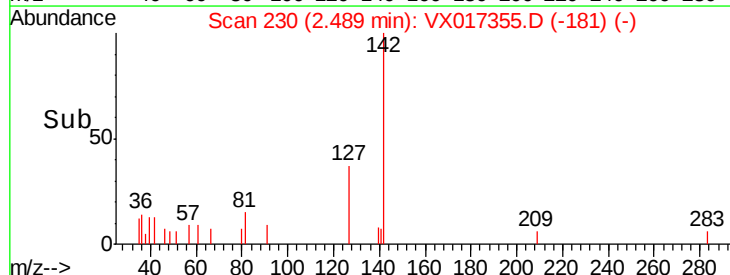
2.49

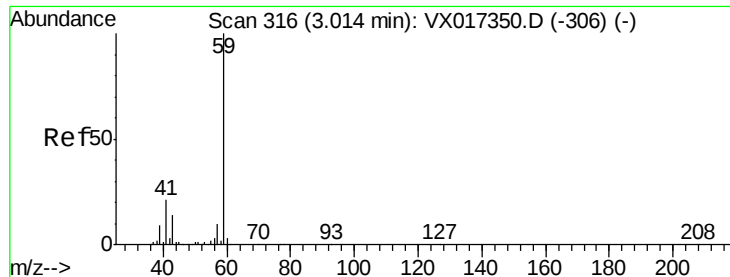
2.49

2.49

2.49

2.49

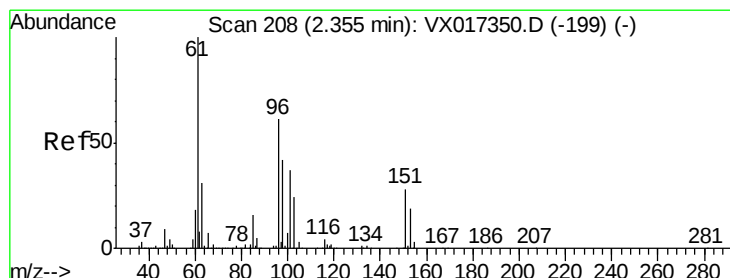
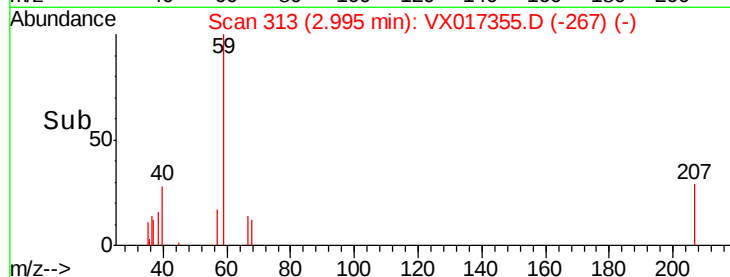
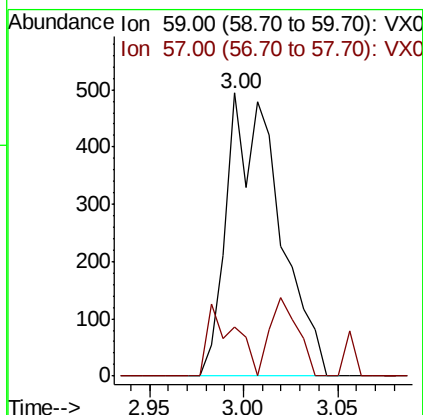
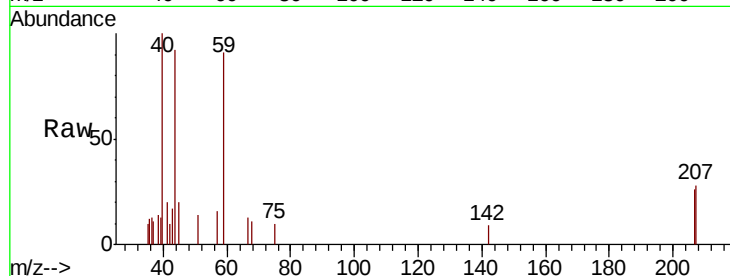




#11
Tert butyl alcohol
Concen: 1.273 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

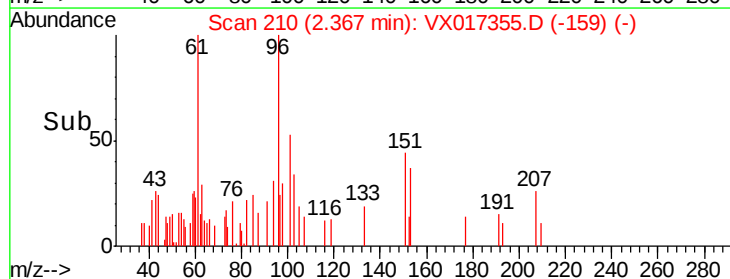
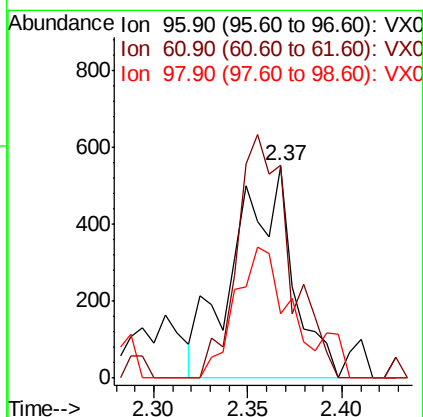
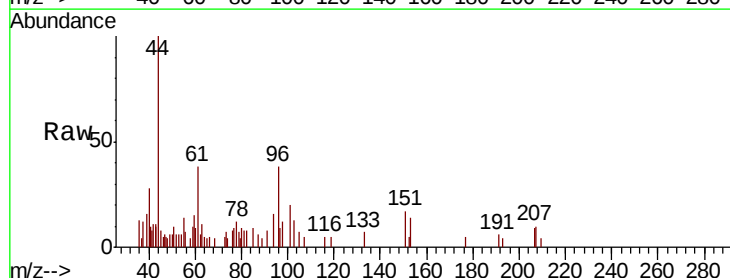
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

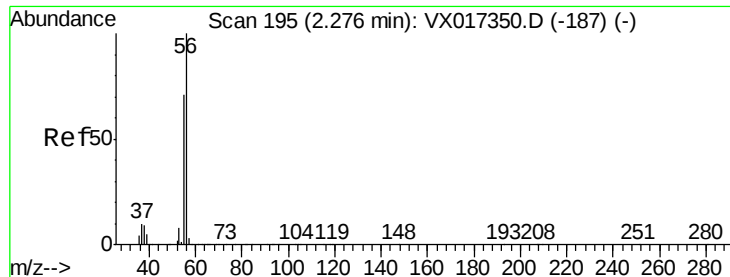
Tot Ion: 59 Resp: 951
Ion Ratio Lower Upper
59 100
57 13.1 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.369 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion: 96 Resp: 1186
Ion Ratio Lower Upper
96 100
61 80.9 131.5 197.3#
98 24.3 55.1 82.7#





#13

Acrolein

Concen: 2.202 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

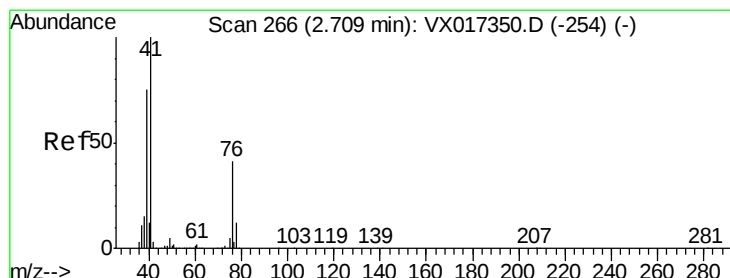
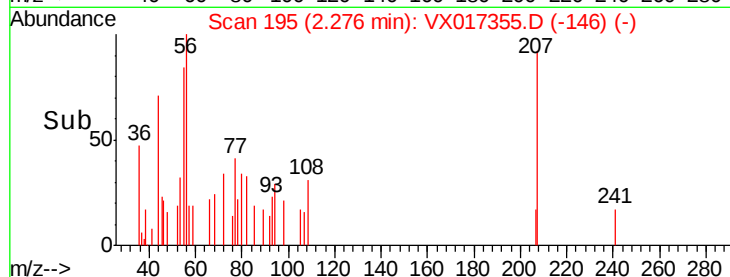
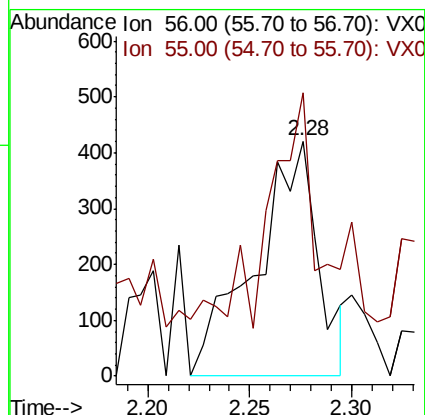
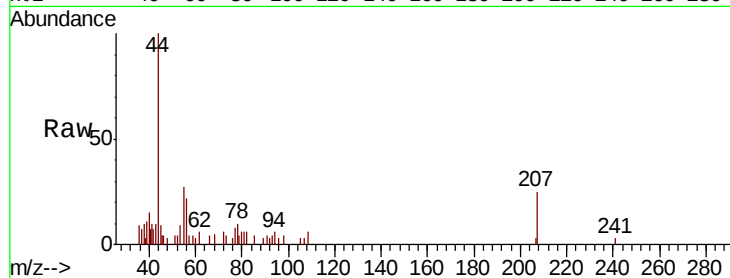
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 56 Resp: 902

Ion Ratio Lower Upper

56 100

55 77.1 57.1 85.7



#14

Allyl chloride

Concen: 0.324 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

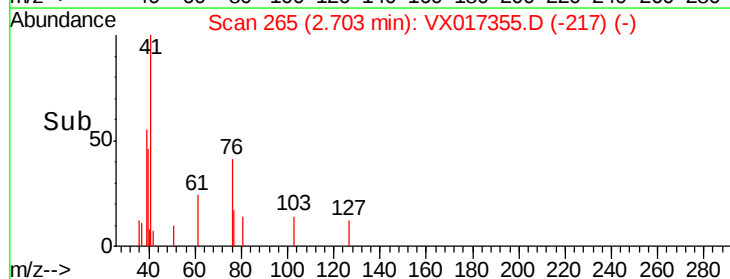
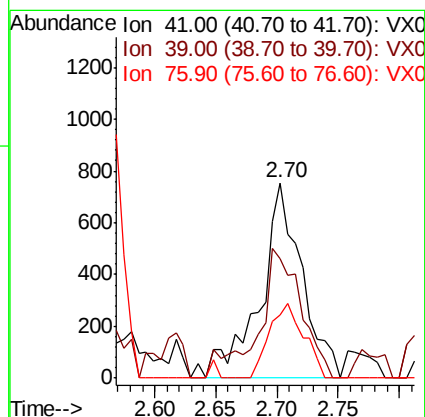
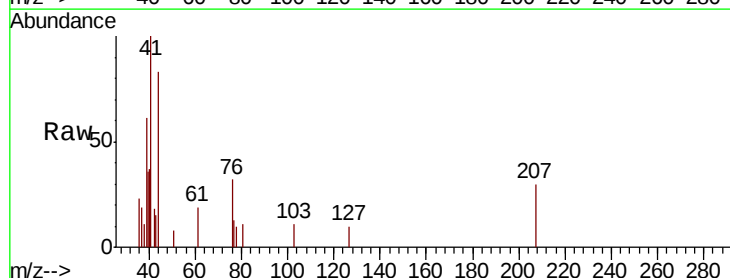
Tgt Ion: 41 Resp: 1803

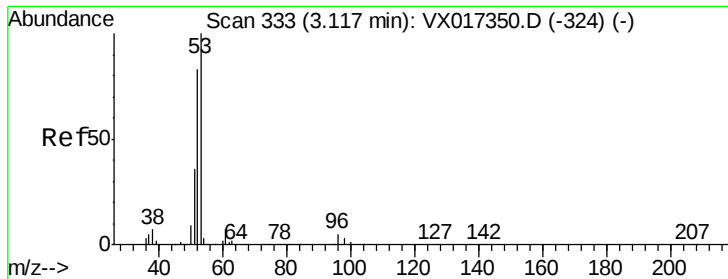
Ion Ratio Lower Upper

41 100

39 67.8 53.0 79.4

76 31.6 28.2 42.2

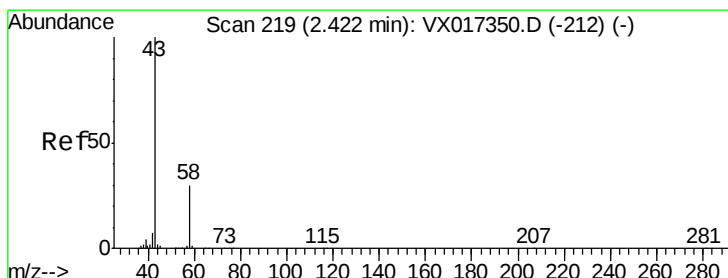
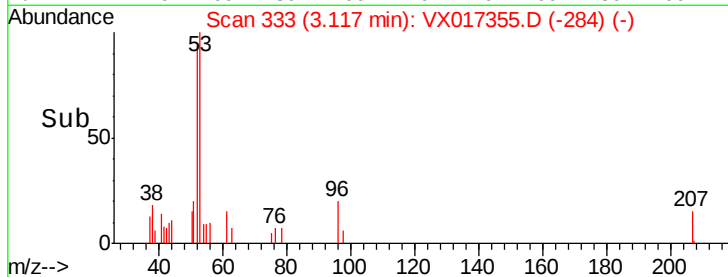
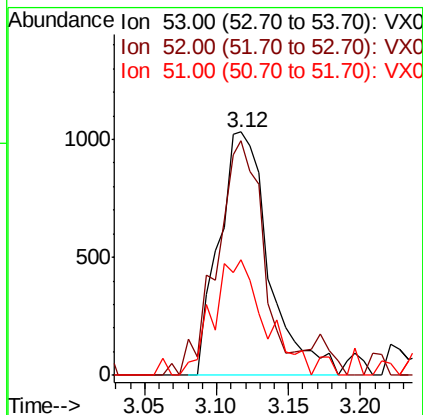
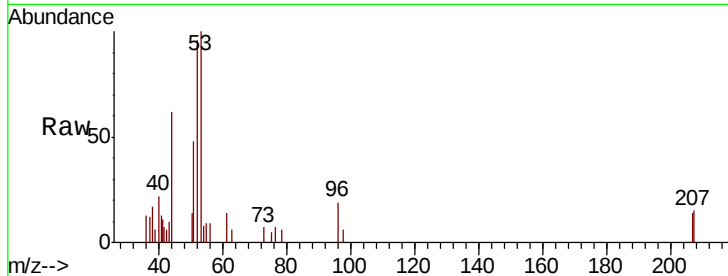




#15
 Acrylonitrile
 Concen: 1.377 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

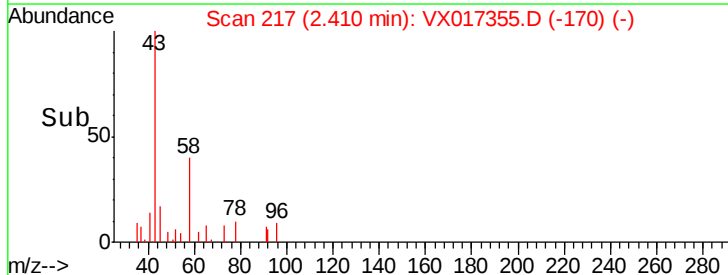
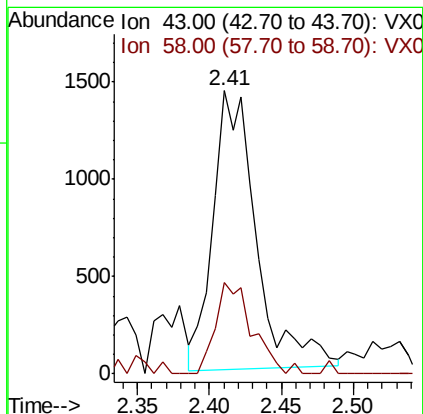
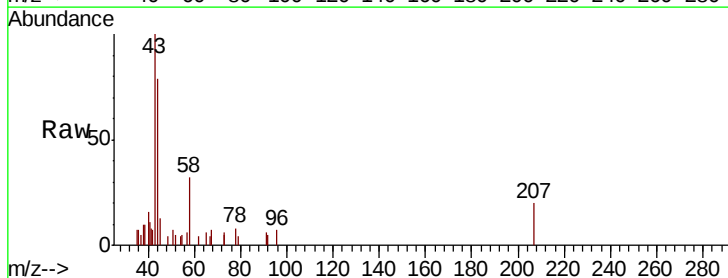
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

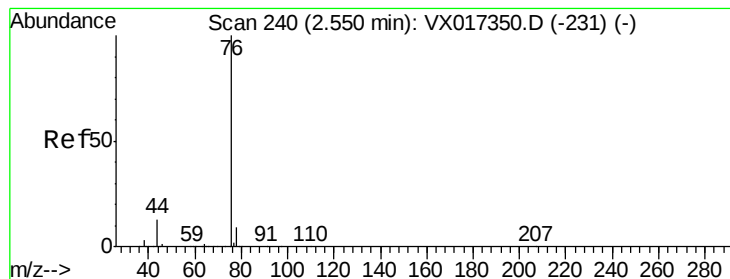
Tot Ion: 53 Resp: 2495
 Ion Ratio Lower Upper
 53 100
 52 88.9 65.8 98.6
 51 49.3 29.2 43.8#



#16
 Acetone
 Concen: 1.910 ug/l
 RT: 2.41 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion: 43 Resp: 3023
 Ion Ratio Lower Upper
 43 100
 58 34.1 24.2 36.2





#17

Carbon Disulfide

Concen: 0.542 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

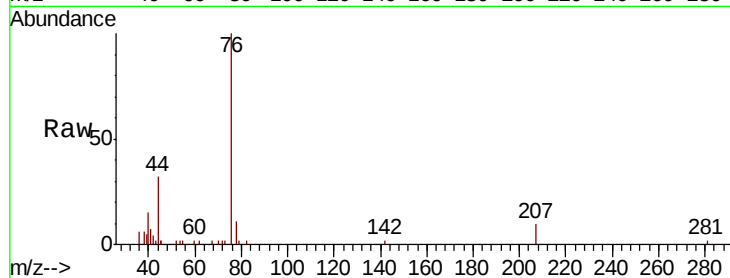
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 76 Resp: 5083

Ion Ratio Lower Upper

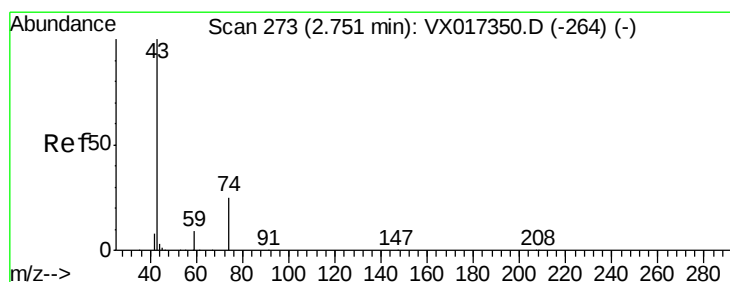
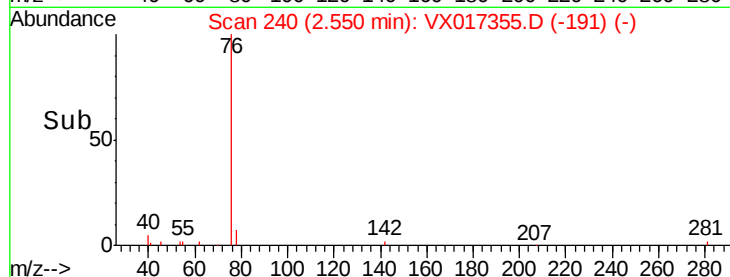
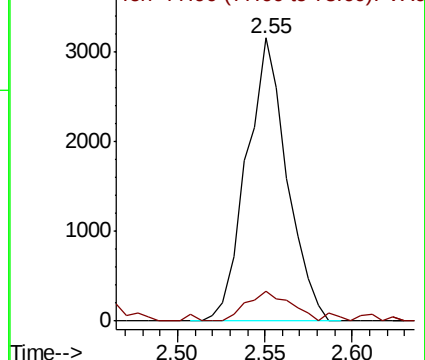
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.278 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX017355.D

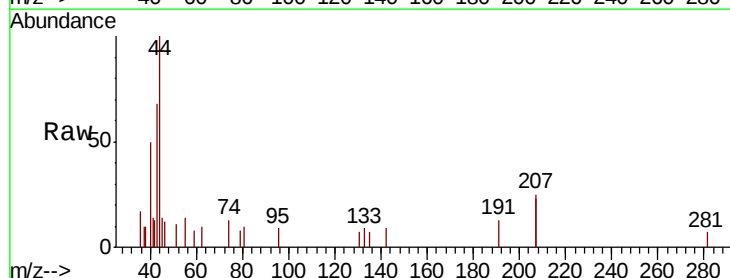
Acq: 13 Jul 2020 16:05

Tgt Ion: 43 Resp: 1085

Ion Ratio Lower Upper

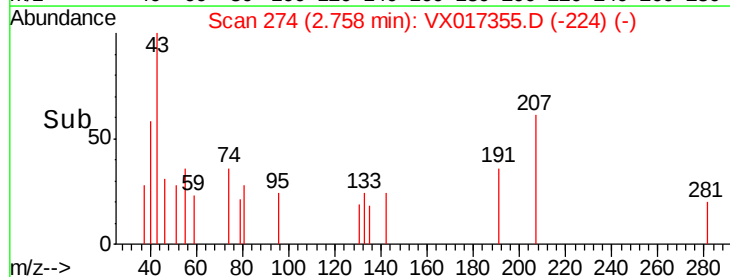
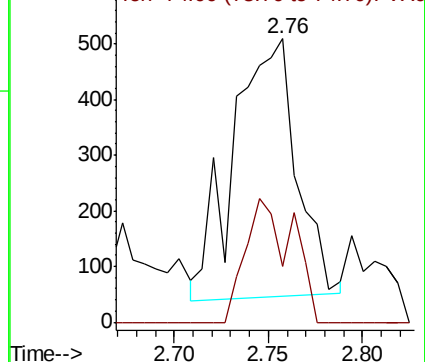
43 100

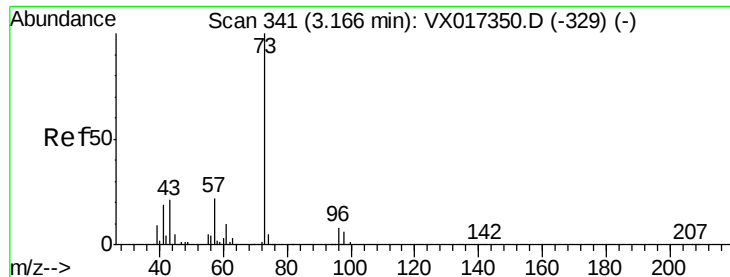
74 35.2 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



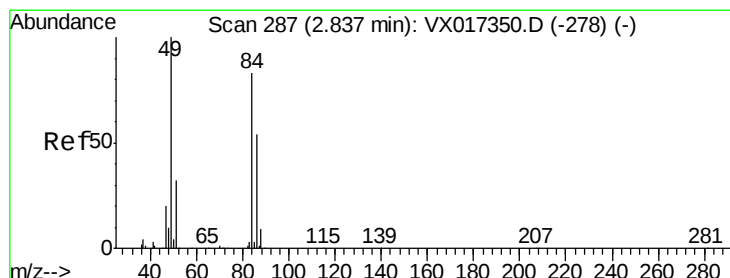
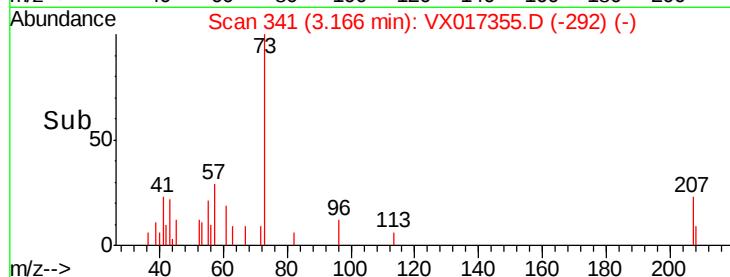
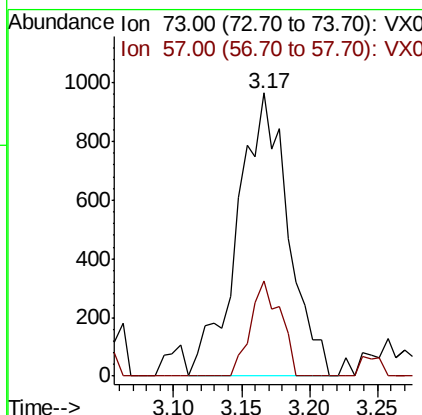
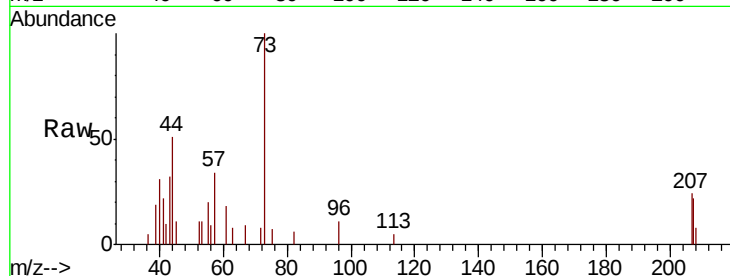


#19

Methyl tert-butyl Ether
 Concen: 0.230 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

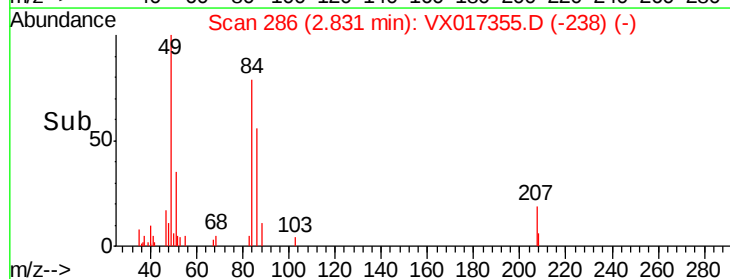
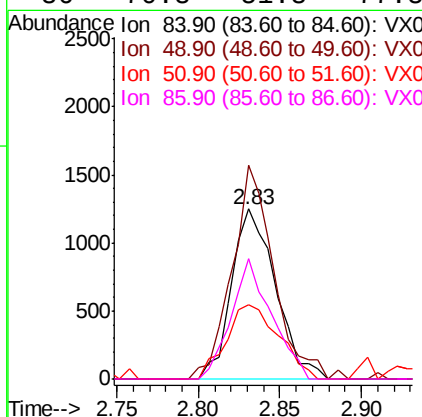
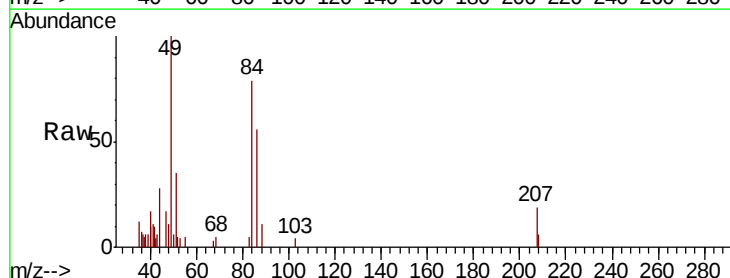
Tot Ion: 73 Resp: 2513
 Ion Ratio Lower Upper
 73 100
 57 33.7 17.5 26.3#

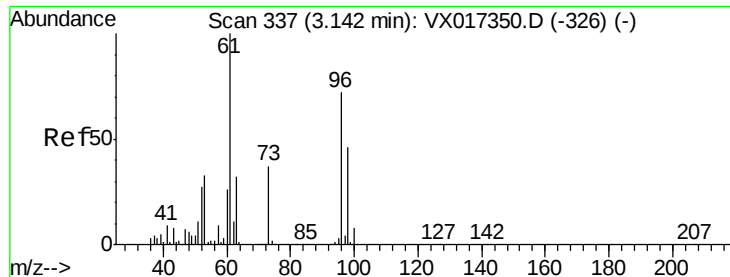


#20

Methylene Chloride
 Concen: 0.607 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion: 84 Resp: 2344
 Ion Ratio Lower Upper
 84 100
 49 125.9 95.8 143.8
 51 43.8 31.0 46.4
 86 70.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 0.424 ug/l

RT: 3.13 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

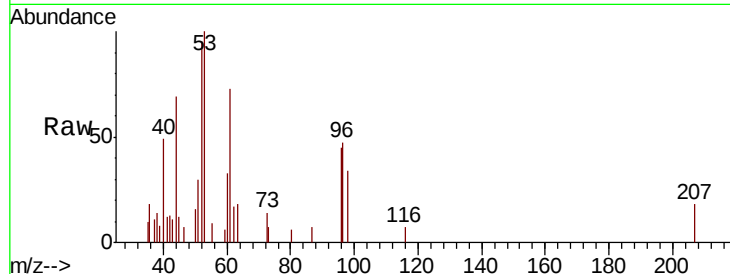
Tot Ion: 96 Resp: 1562

Ion Ratio Lower Upper

96 100

61 79.7 111.1 166.7#

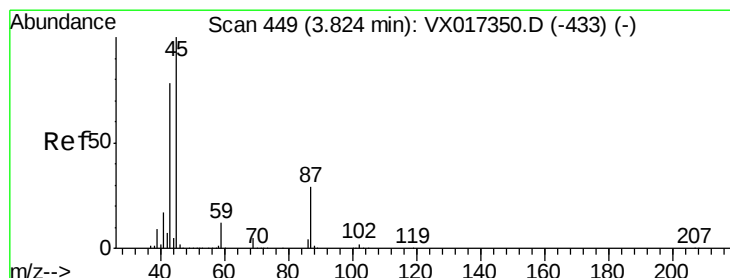
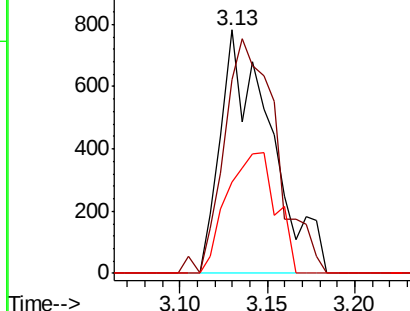
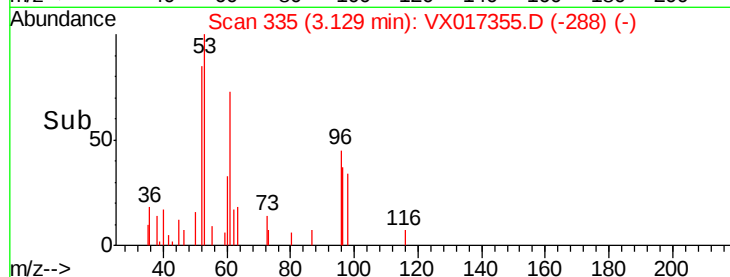
98 37.7 51.4 77.0#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.234 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Tgt Ion: 45 Resp: 2481

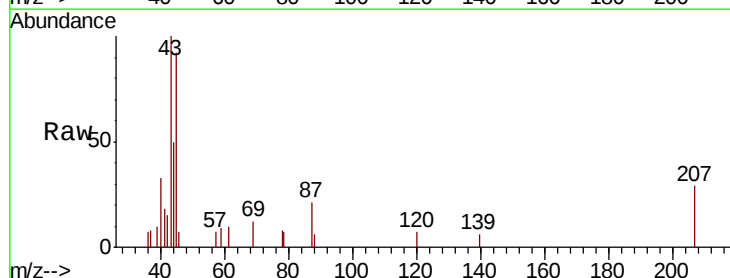
Ion Ratio Lower Upper

45 100

43 93.4 62.2 93.2#

87 20.8 23.0 34.6#

59 9.6 9.6 14.4#

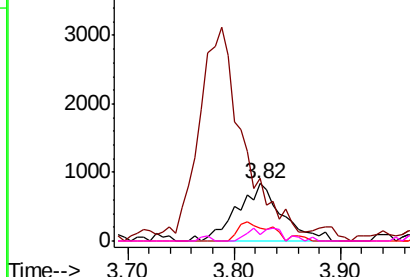
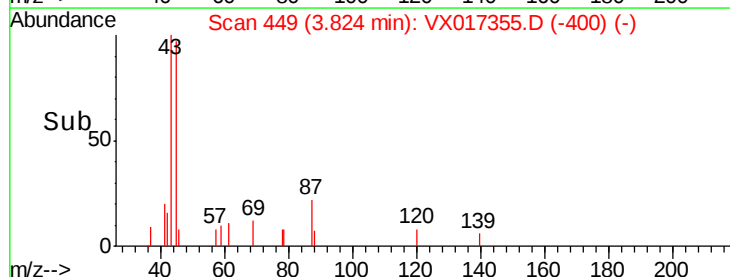


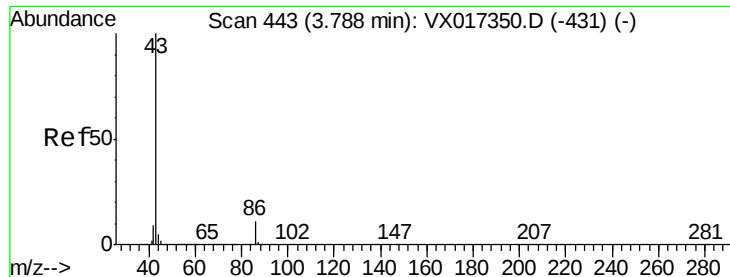
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.938 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

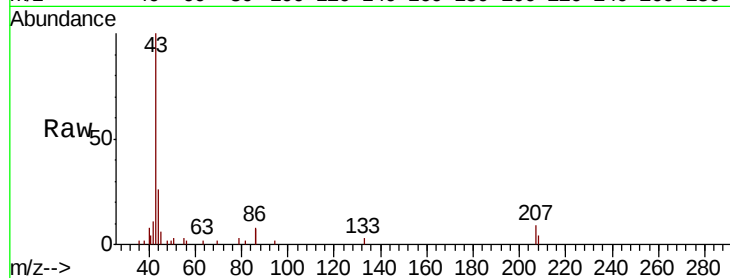
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 8760

Ion Ratio Lower Upper

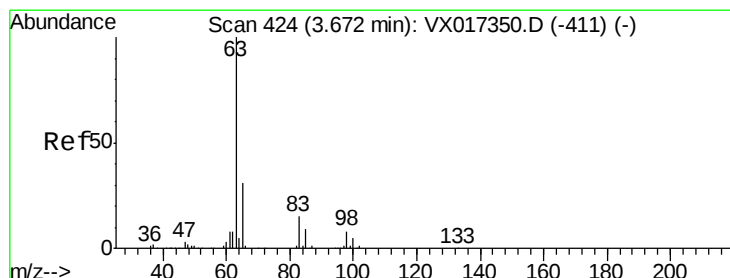
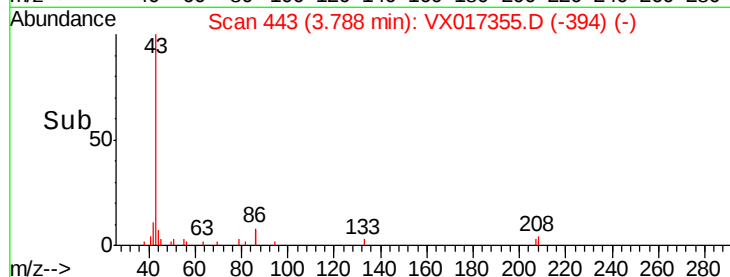
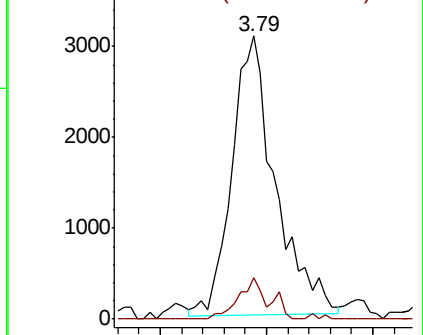
43 100

86 15.4 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.214 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

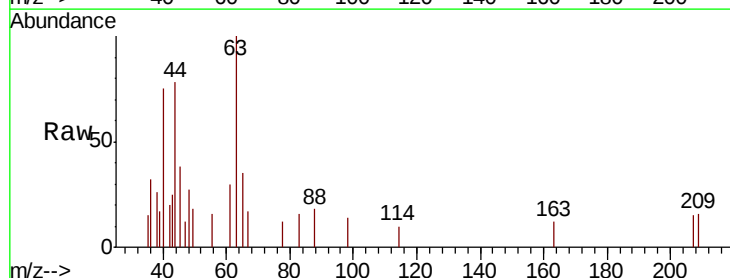
Tgt Ion: 63 Resp: 1333

Ion Ratio Lower Upper

63 100

98 13.8 3.9 11.5#

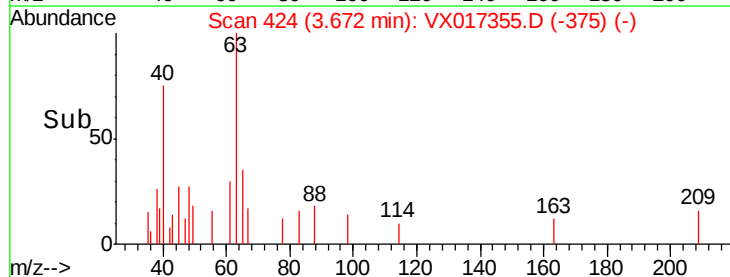
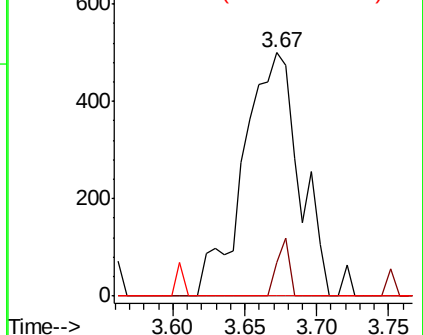
100 0.0 2.5 7.5#

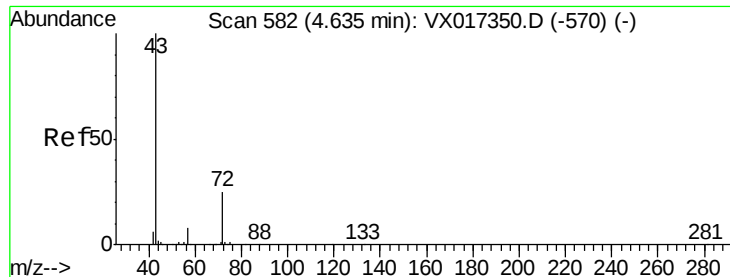


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 1.368 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

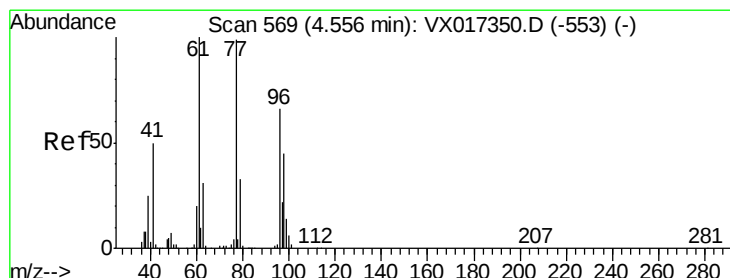
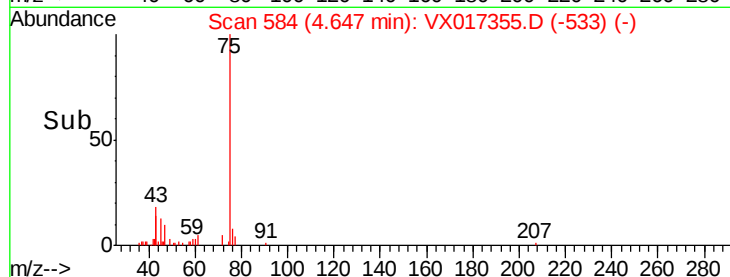
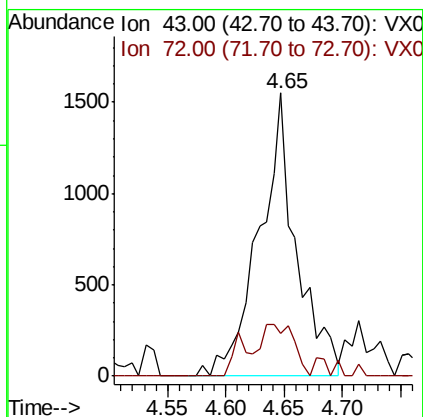
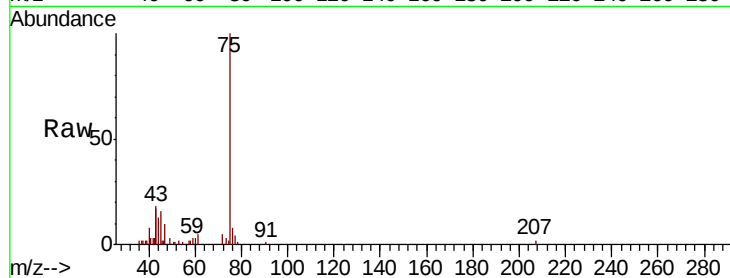
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 3439

Ion Ratio Lower Upper

43 100

72 15.2 20.4 30.6#



#26

2,2-Dichloropropane

Concen: 0.237 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017355.D

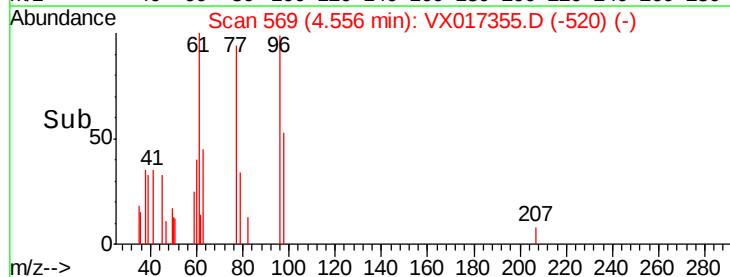
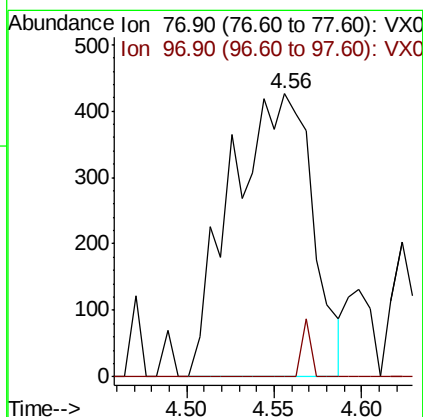
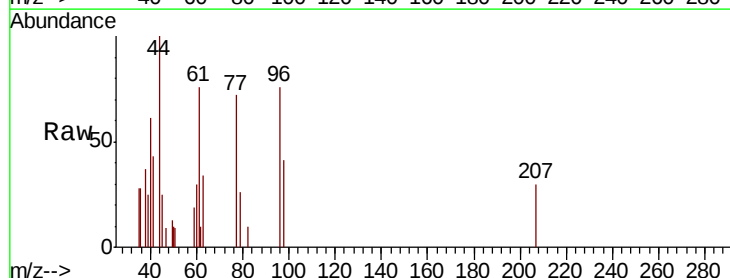
Acq: 13 Jul 2020 16:05

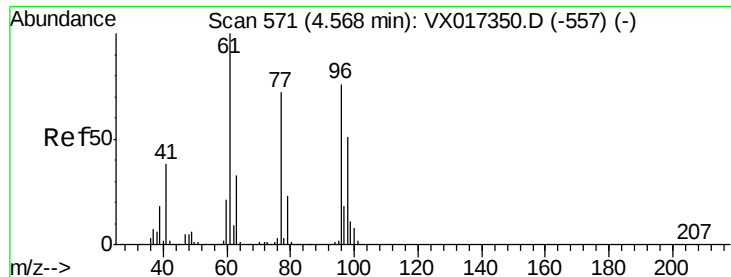
Tgt Ion: 77 Resp: 1375

Ion Ratio Lower Upper

77 100

97 2.3 11.1 33.3#



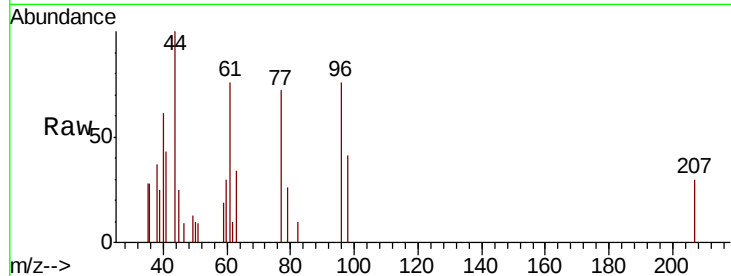


#27

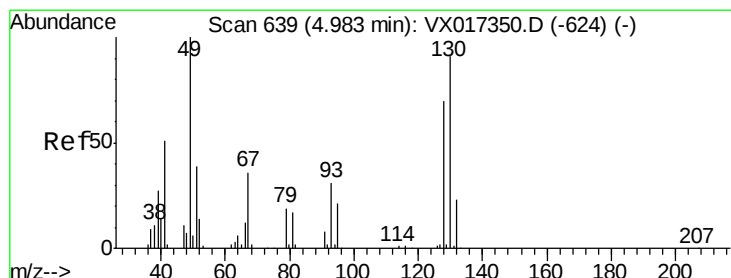
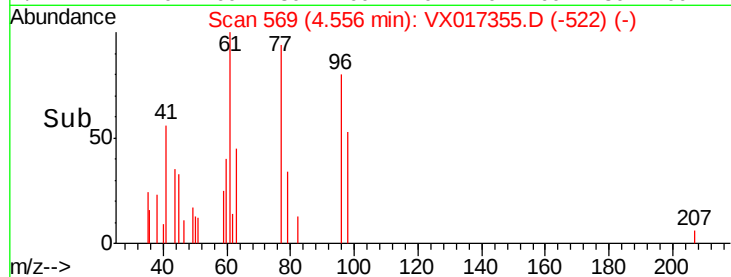
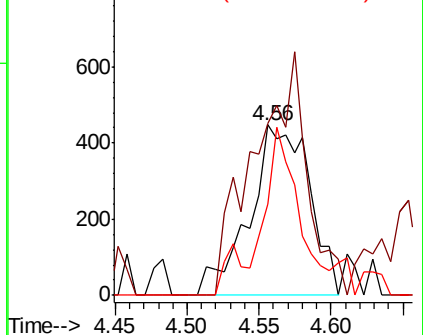
cis-1,2-Dichloroethene
Concen: 0.322 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	281.2
98	58.4	0.0	131.4



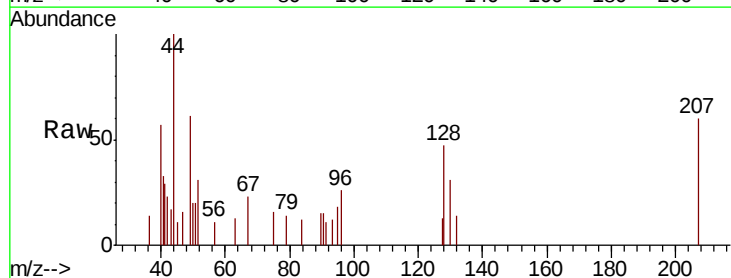
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



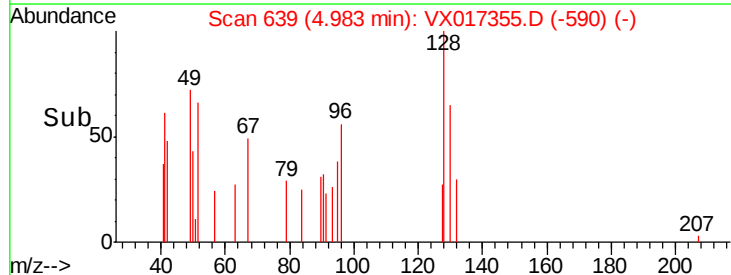
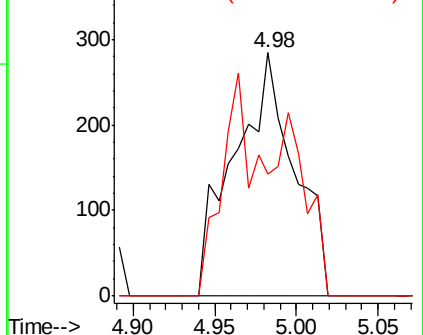
#28

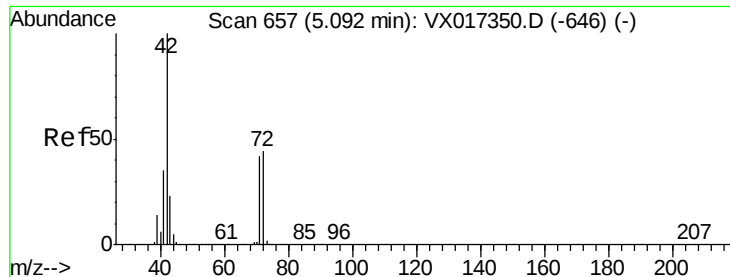
Bromochloromethane
Concen: 0.253 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	37.6	71.1	106.7#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

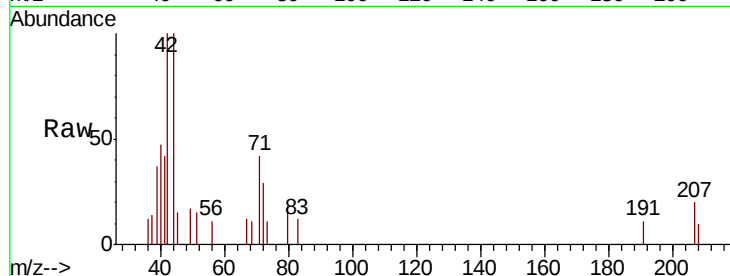




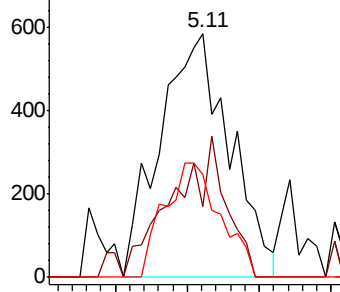
#29
Tetrahydrofuran
Concen: 1.218 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

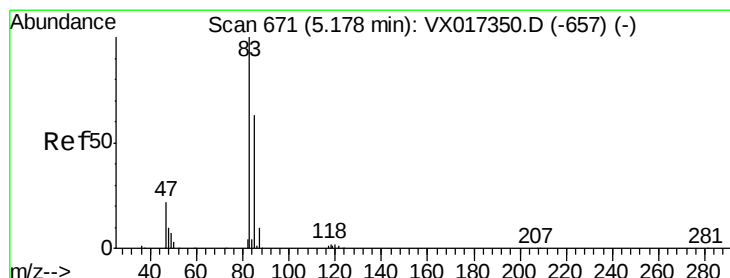
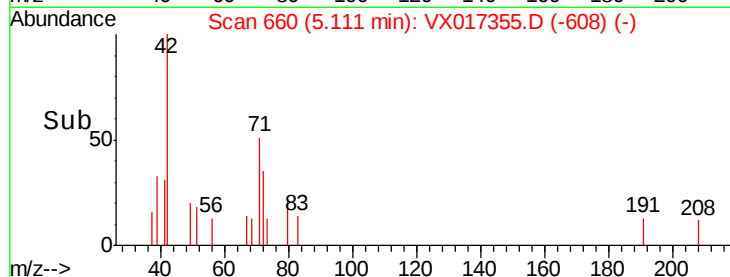
Tot Ion: 42 Resp: 1981
Ion Ratio Lower Upper
42 100
72 43.6 37.2 55.8
71 37.2 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

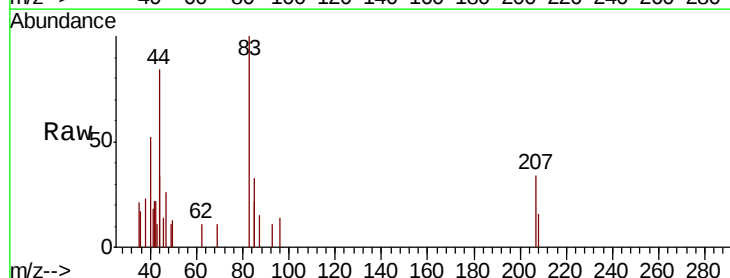


Time-->

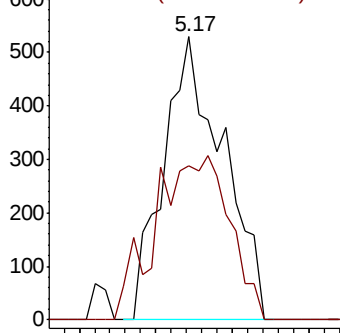


#30
Chloroform
Concen: 0.213 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

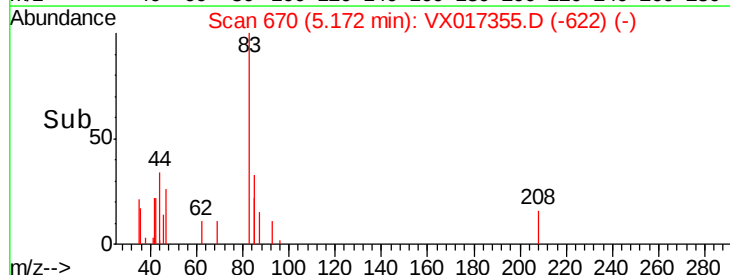
Tgt Ion: 83 Resp: 1430
Ion Ratio Lower Upper
83 100
85 54.4 50.2 75.4

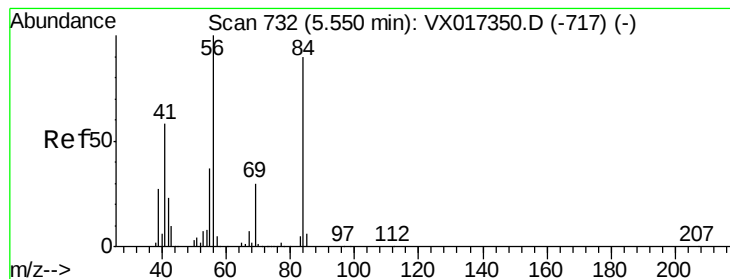


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0



Time-->





#31

Cvclohexane

Concen: 0.172 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

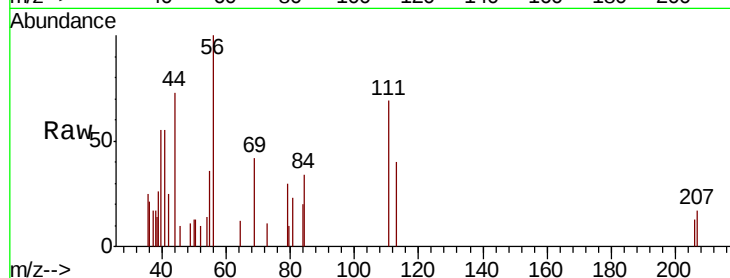
Tot Ion: 56 Resp: 878

Ion Ratio Lower Upper

56 100

69 41.9 23.7 35.5#

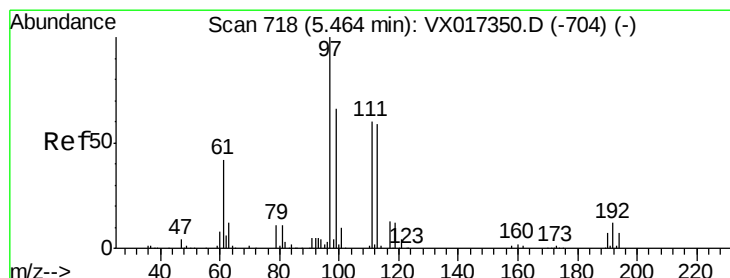
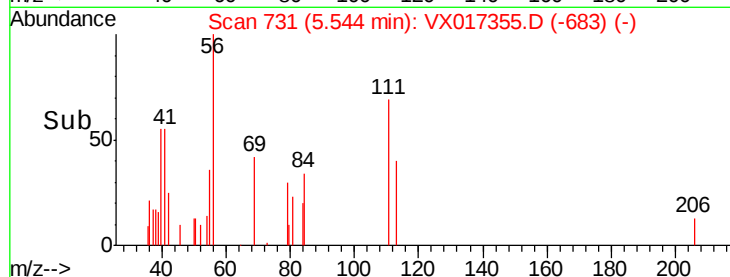
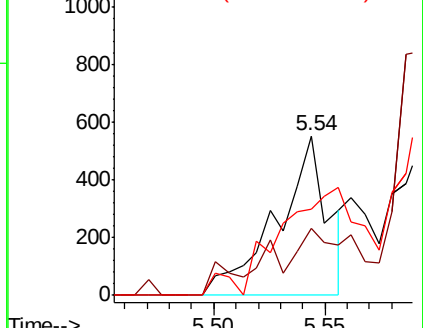
84 53.8 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.237 ug/l

RT: 5.44 min Scan# 714

Delta R.T. -0.02 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

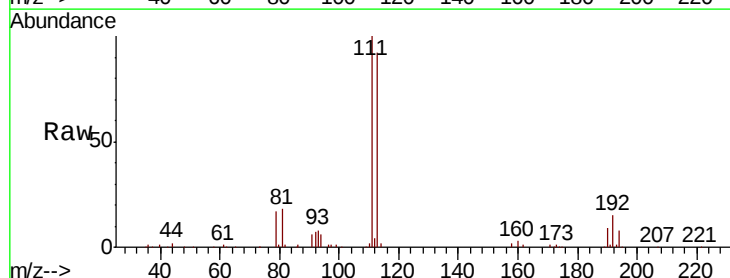
Tgt Ion: 97 Resp: 1469

Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

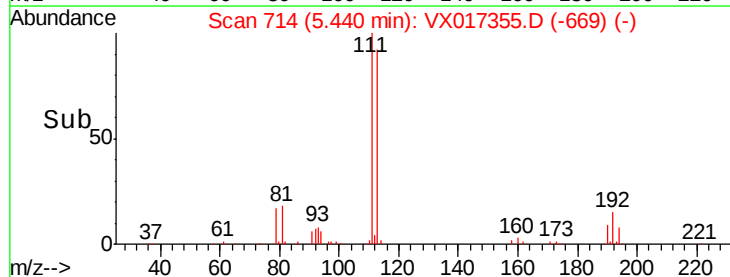
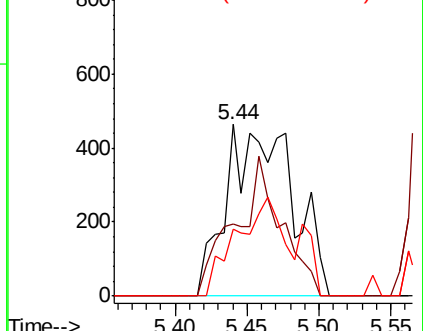
61 0.0 32.7 49.1#

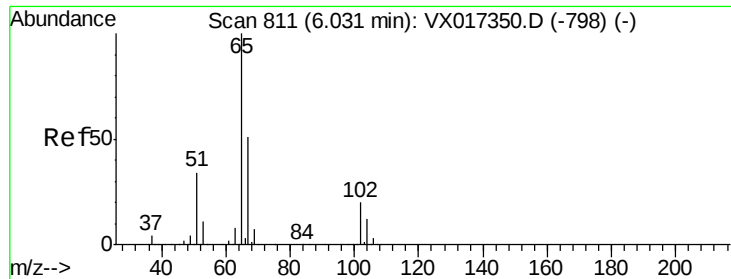


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.051 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

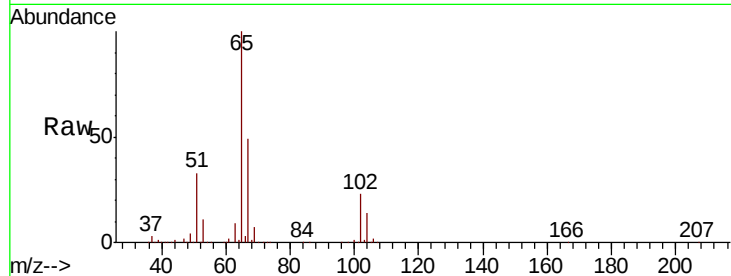
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 65 Resp: 208699

Ion Ratio Lower Upper

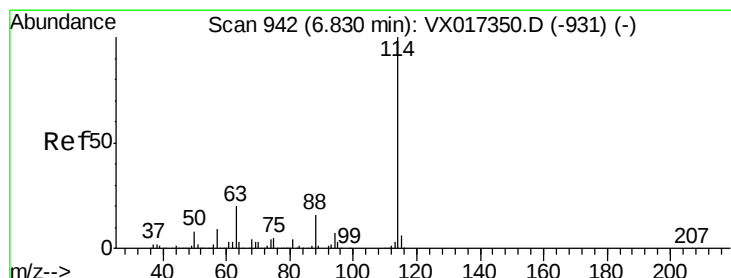
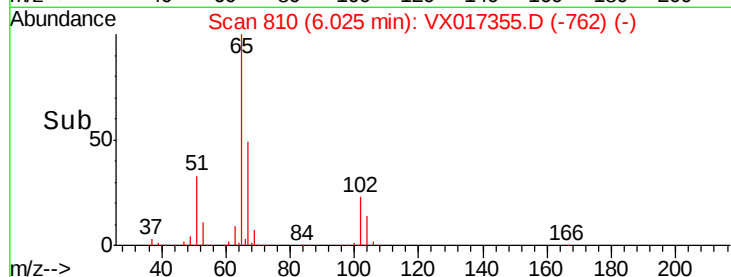
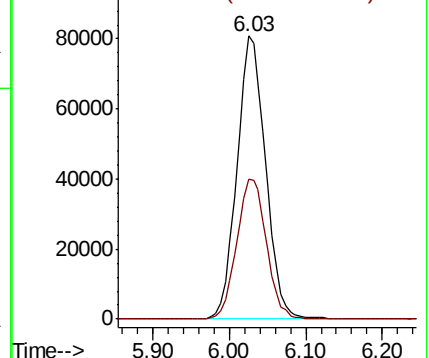
65 100

67 51.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

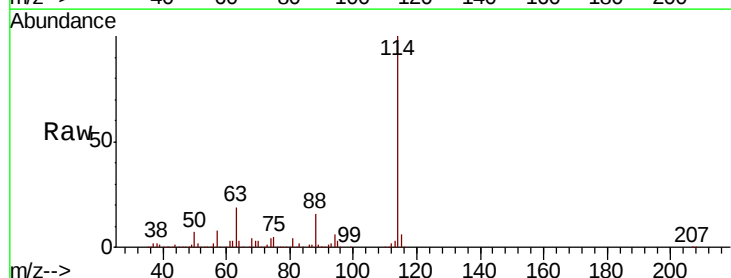
Tgt Ion: 114 Resp: 547830

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

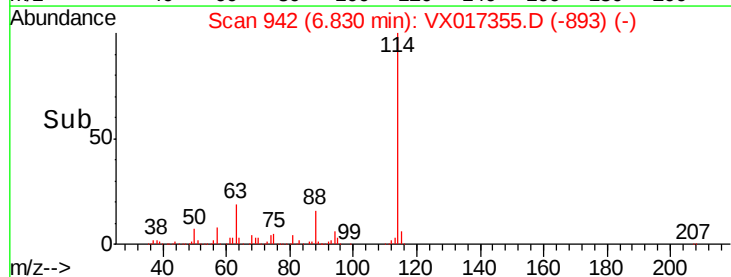
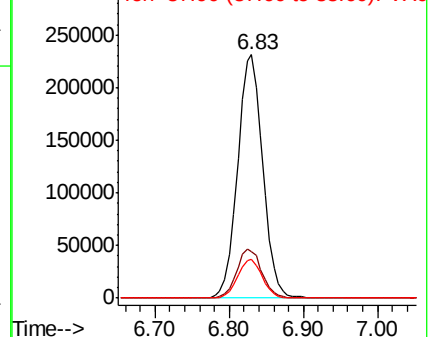
88 15.7 0.0 32.8

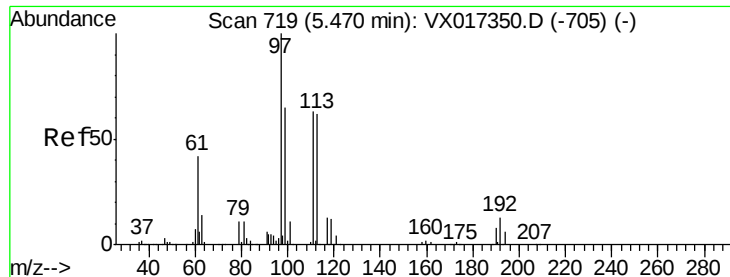


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

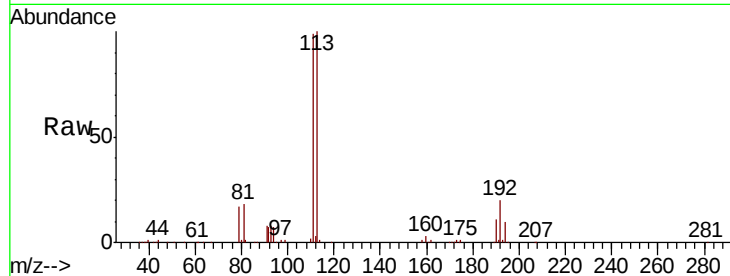




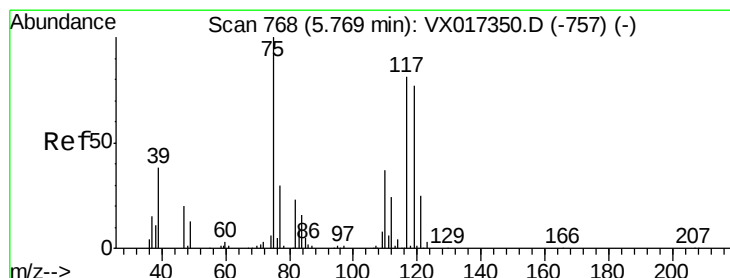
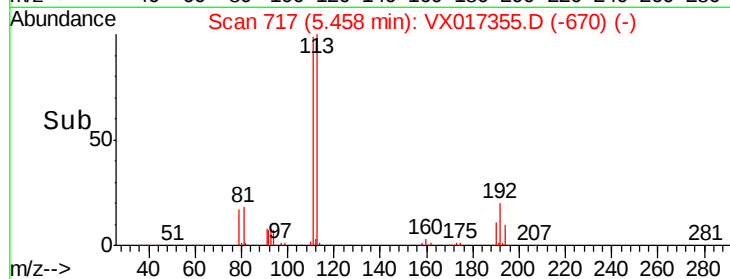
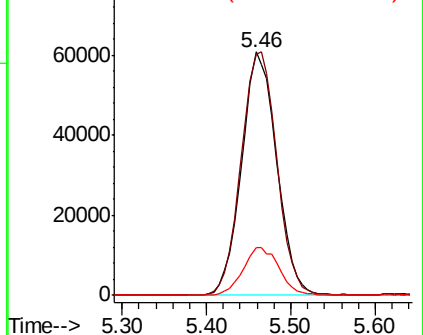
#35
Dibromofluoromethane
Concen: 46.438 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:113 Resp: 171369
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 20.3 17.2 25.8

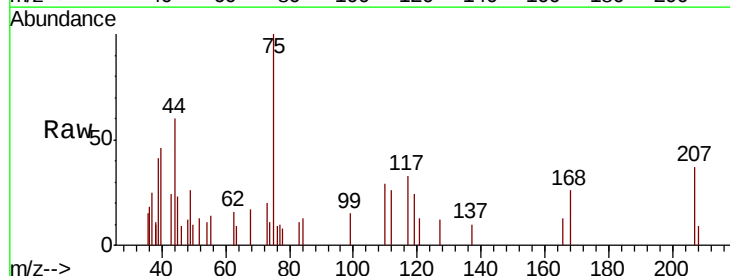


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

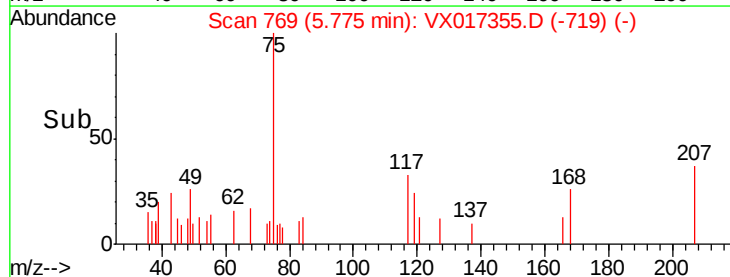
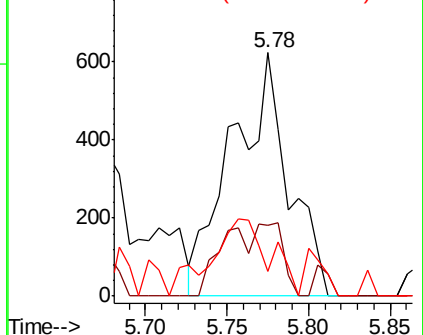


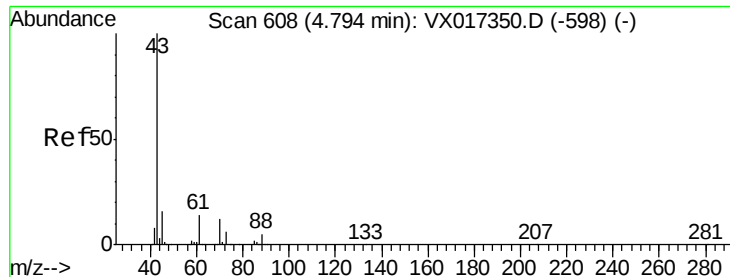
#36
1,1-Dichloropropene
Concen: 0.299 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
110 14.6 18.6 55.8#
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

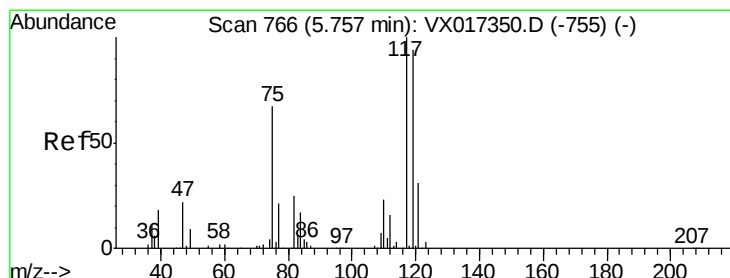
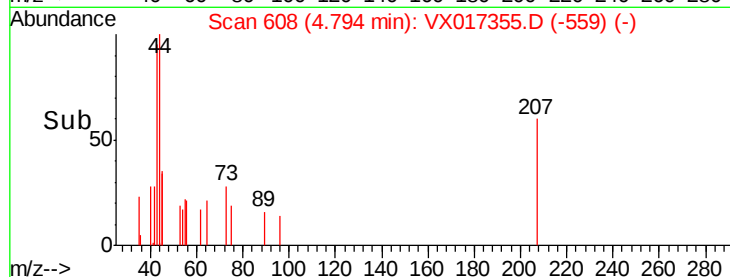
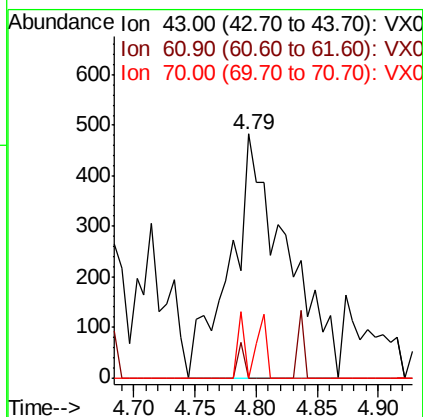
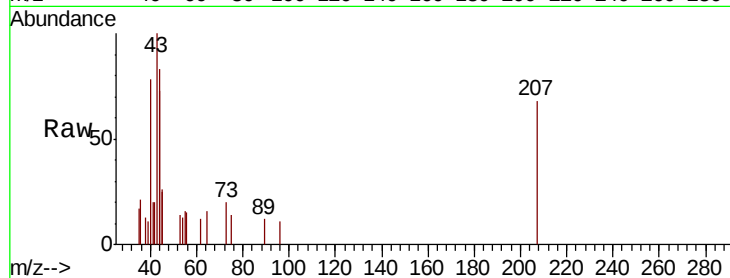




#37
Ethyl Acetate
Concen: 0.294 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

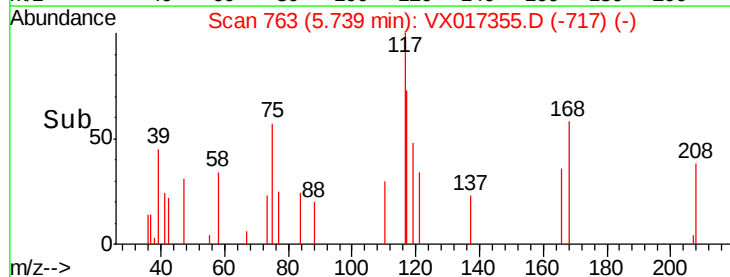
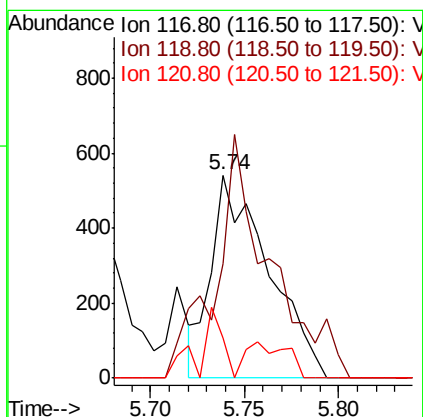
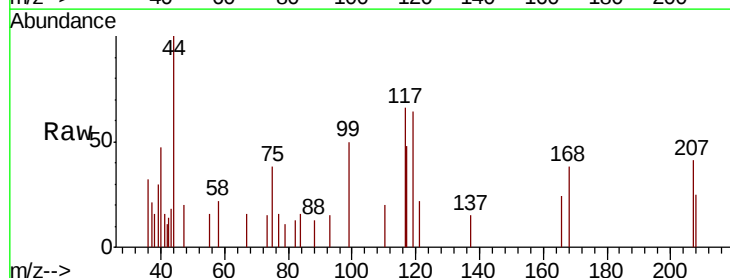
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

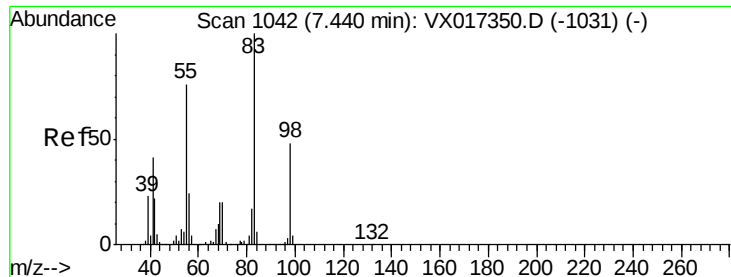
Tot Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 3.1 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 0.194 ug/l
RT: 5.74 min Scan# 763
Delta R.T. -0.02 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion: 117 Resp: 1143
Ion Ratio Lower Upper
117 100
119 45.0 74.7 112.1#
121 19.6 24.5 36.7#

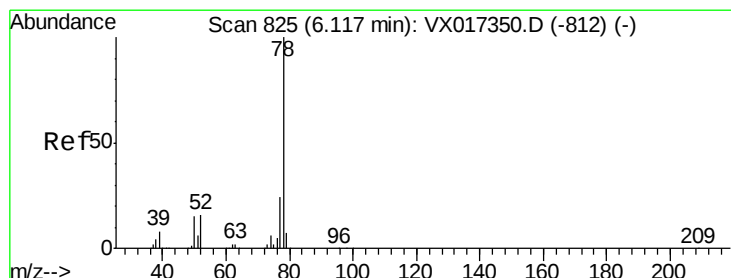
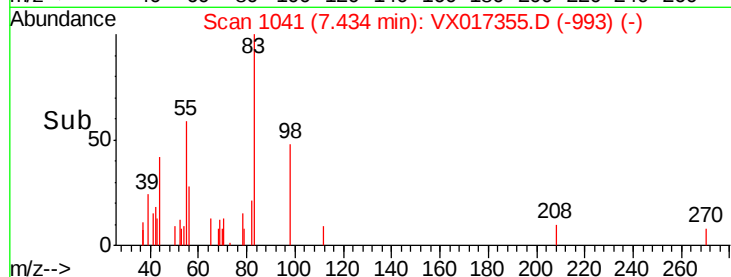
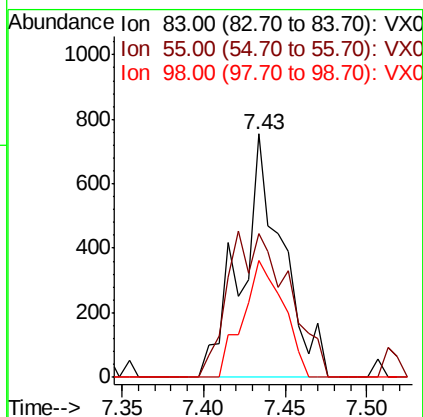
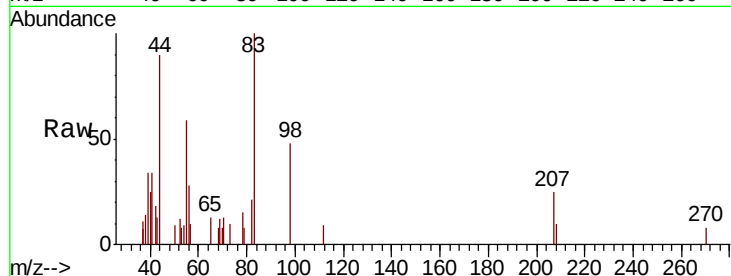




#39
Methvlcvclohexane
Concen: 0.243 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

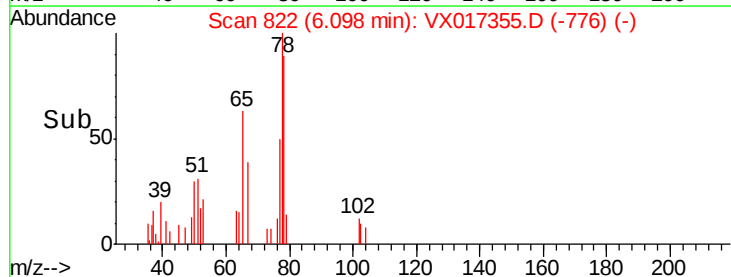
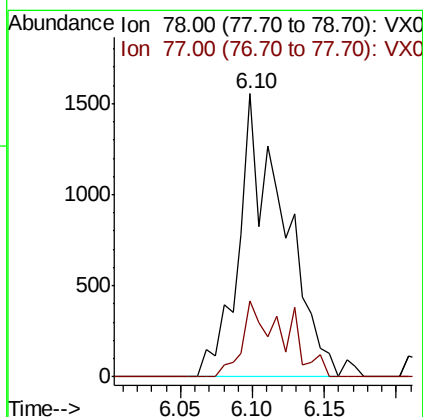
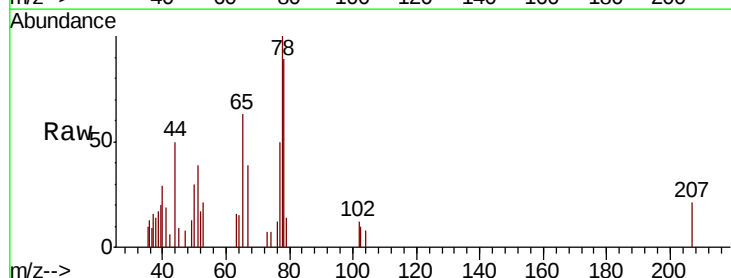
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

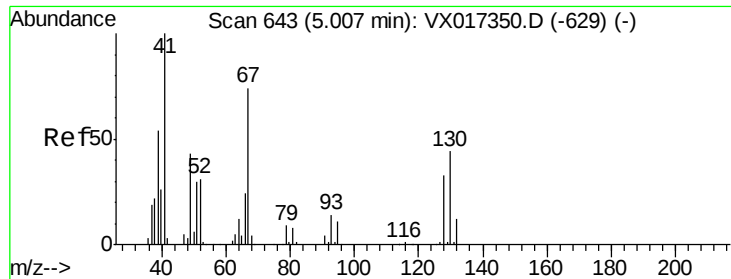
Tot Ion: 83 Resp: 1332
Ion Ratio Lower Upper
83 100
55 59.1 61.2 91.8#
98 48.2 38.1 57.1



#40
Benzene
Concen: 0.232 ug/l
RT: 6.10 min Scan# 822
Delta R.T. -0.02 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion: 78 Resp: 3360
Ion Ratio Lower Upper
78 100
77 26.7 18.9 28.3





#41

Methacrylonitrile

Concen: 0.132 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.02 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 41 Resp: 369

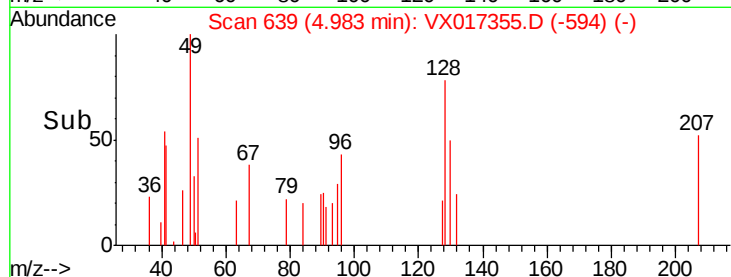
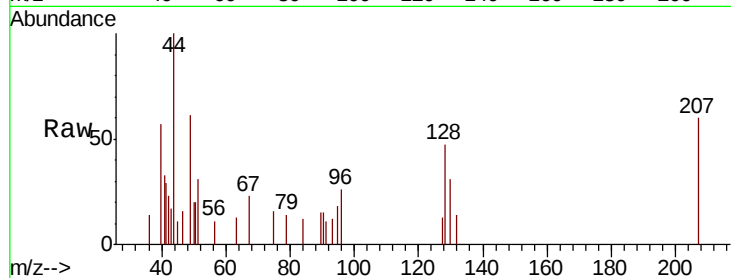
Ion Ratio Lower Upper

41 100

39 61.2 43.8 65.8

67 49.3 58.7 88.1#

52 26.3 24.9 37.3

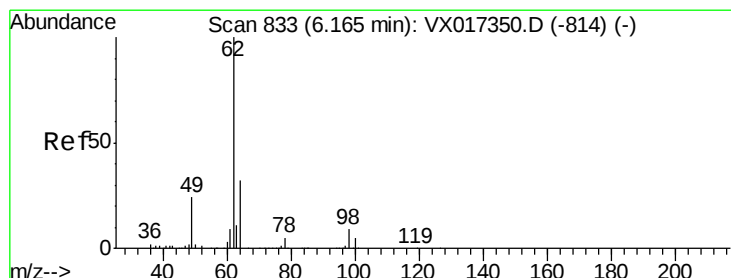
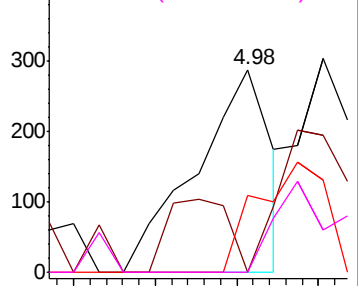


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.336 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX017355.D

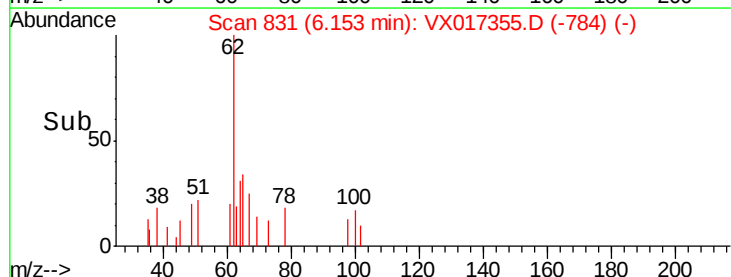
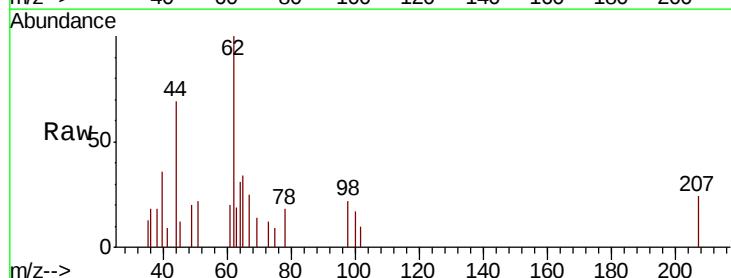
Acq: 13 Jul 2020 16:05

Tgt Ion: 62 Resp: 1889

Ion Ratio Lower Upper

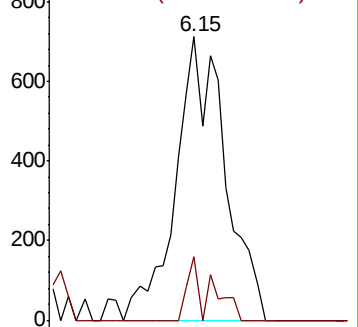
62 100

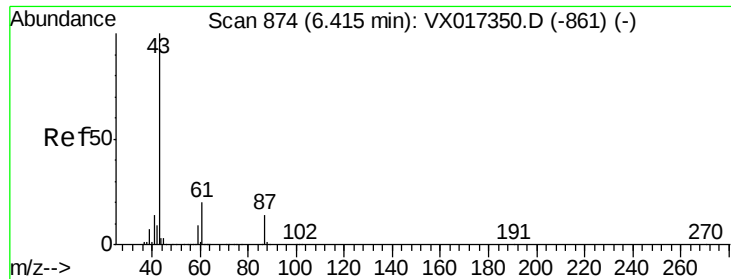
98 4.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



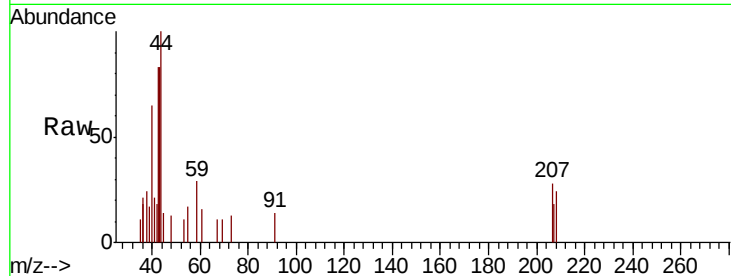


#43

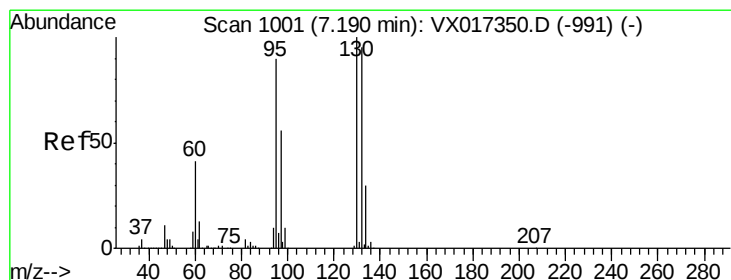
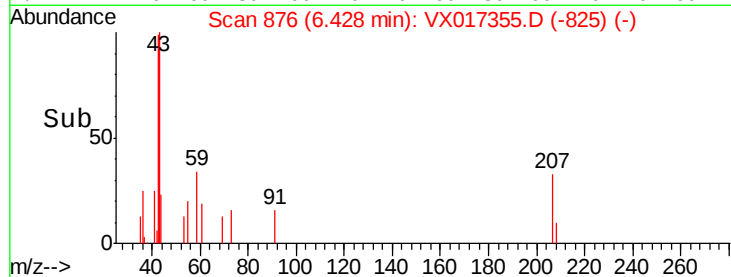
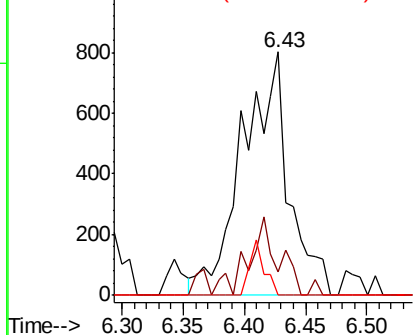
Isopropyl Acetate
 Concen: 0.253 ug/l
 RT: 6.43 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 2109
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.4 24.6
 87 7.2 11.2 16.8#



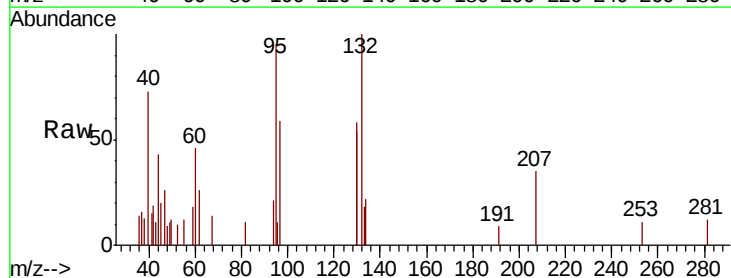
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



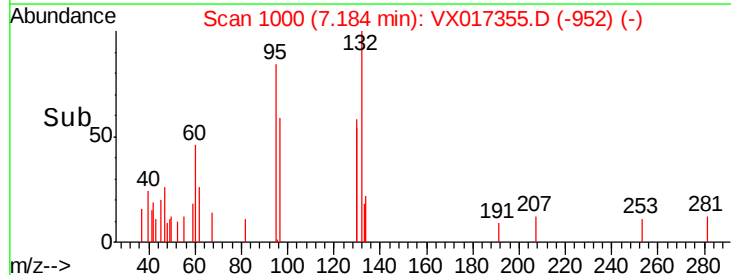
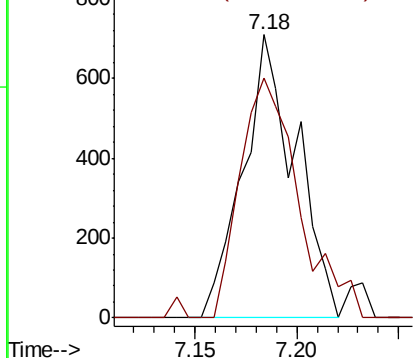
#44

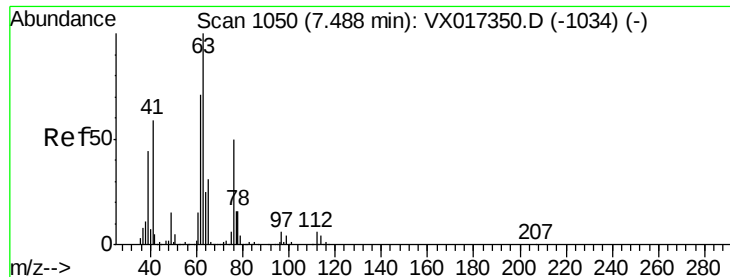
Trichloroethene
 Concen: 0.290 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion: 130 Resp: 1283
 Ion Ratio Lower Upper
 130 100
 95 84.9 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.288 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

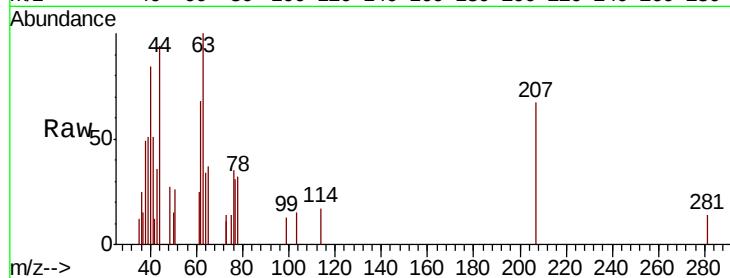
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 63 Resp: 1067

Ion Ratio Lower Upper

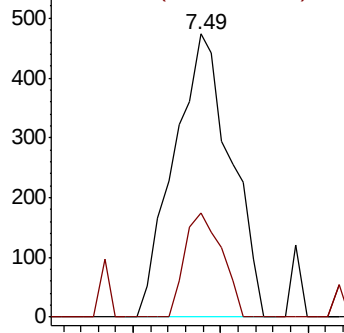
63 100

65 37.0 24.5 36.7#

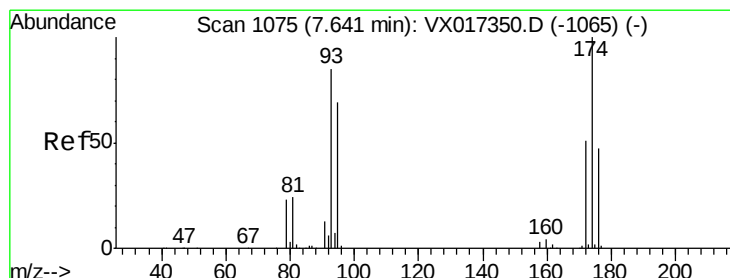
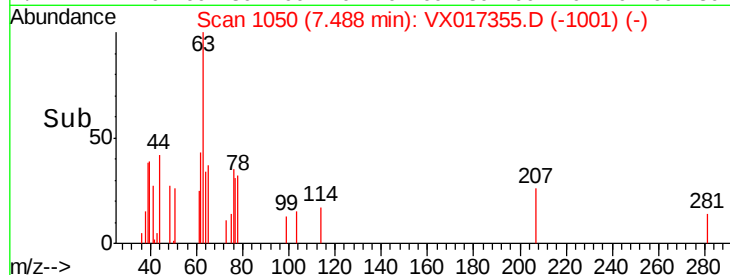


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 0.260 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

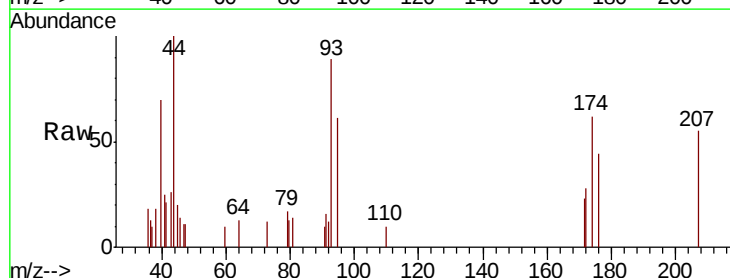
Tgt Ion: 93 Resp: 694

Ion Ratio Lower Upper

93 100

95 106.1 65.4 98.2#

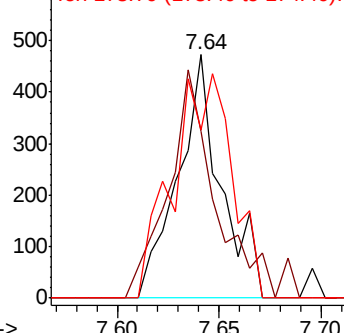
174 126.8 91.2 136.8



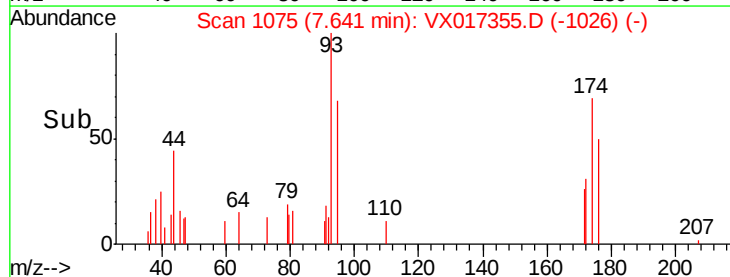
Abundance Ion 92.80 (92.50 to 93.50): VX0

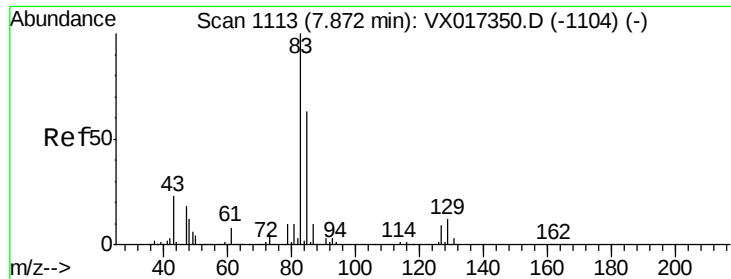
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 0.208 ug/l

RT: 7.87 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

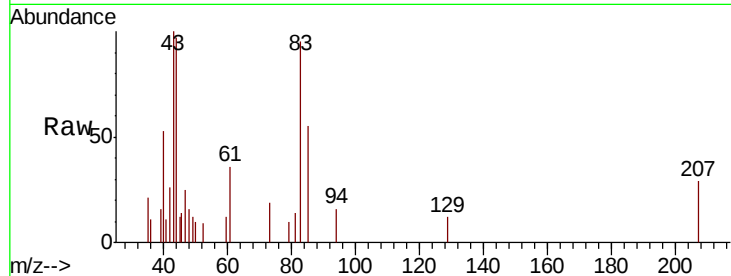
Tot Ion: 83 Resp: 1162

Ion Ratio Lower Upper

83 100

85 58.2 50.2 75.4

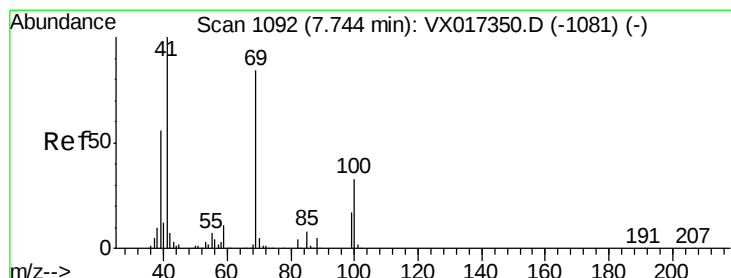
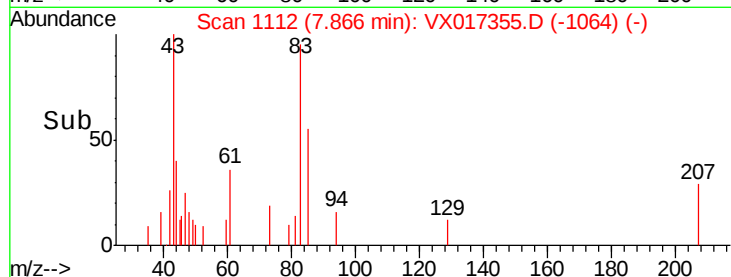
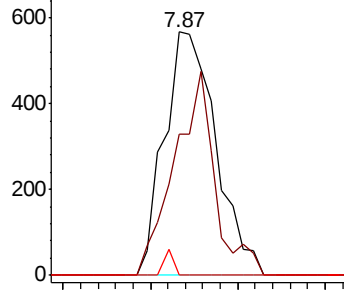
127 0.0 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.273 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

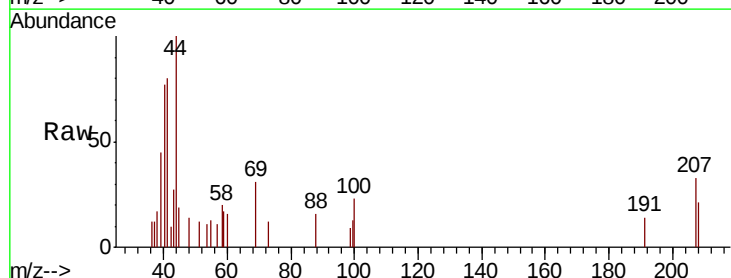
Tgt Ion: 41 Resp: 1090

Ion Ratio Lower Upper

41 100

69 55.7 67.8 101.6#

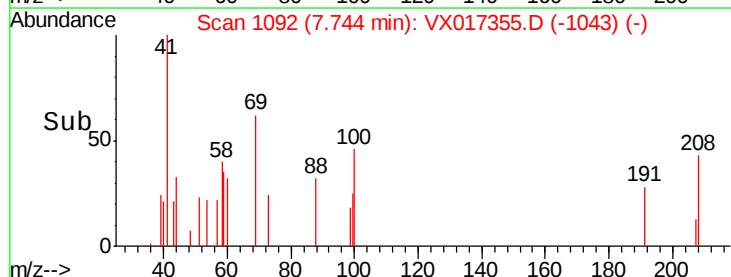
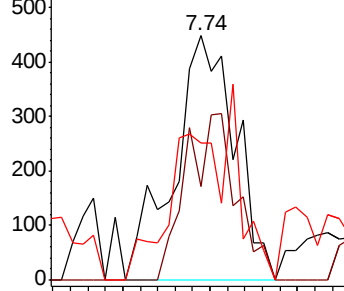
39 49.7 45.1 67.7

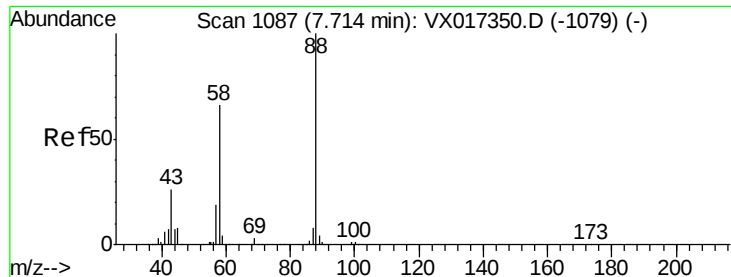


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

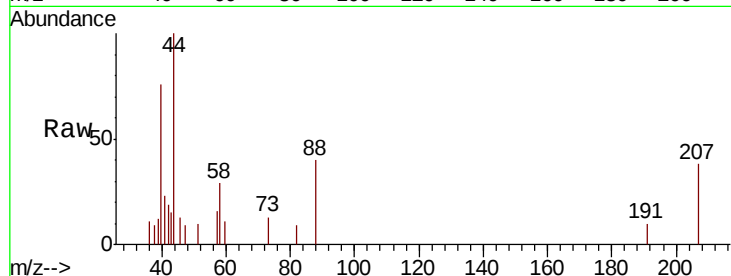




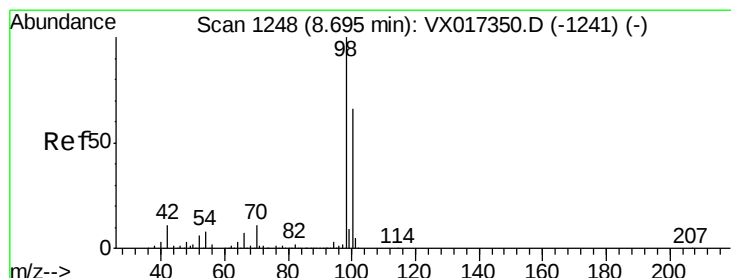
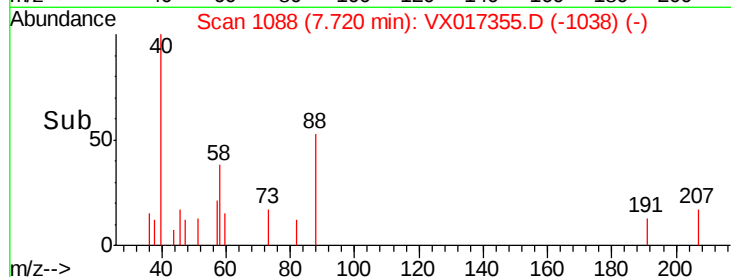
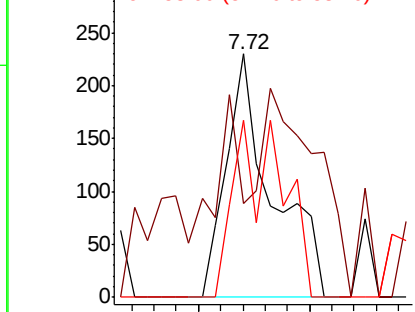
#49
1,4-Dioxane
Concen: 3.999 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
43 50.2 25.6 38.4#
58 36.4 53.9 80.9#

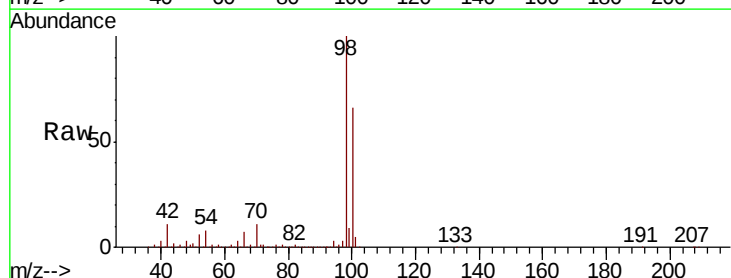


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

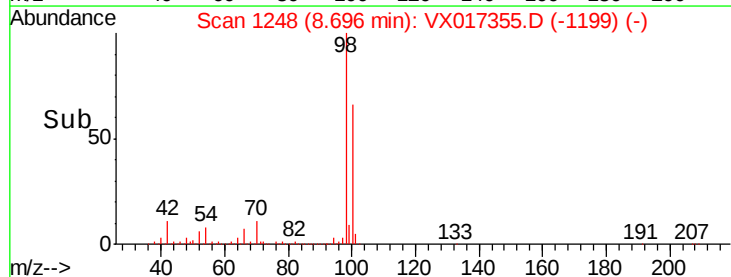
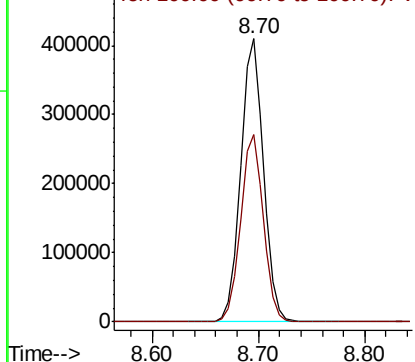


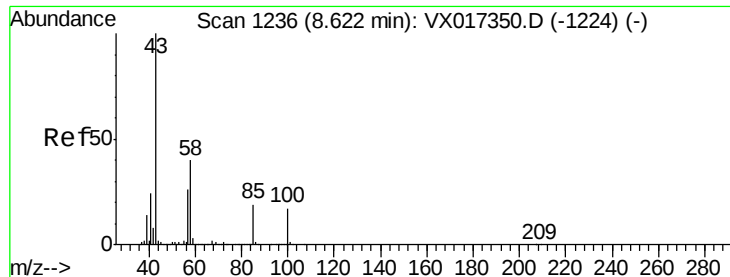
#50
Toluene-d8
Concen: 46.243 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion: 98 Resp: 615551
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.826 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

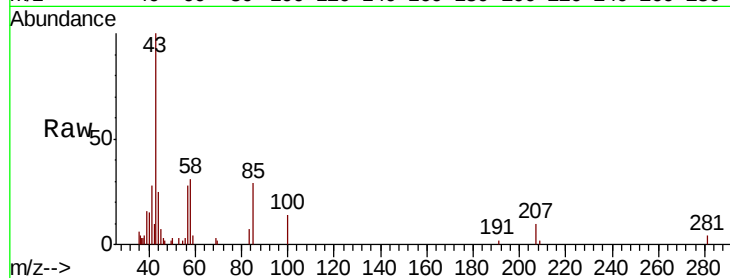
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 4192

Ion Ratio Lower Upper

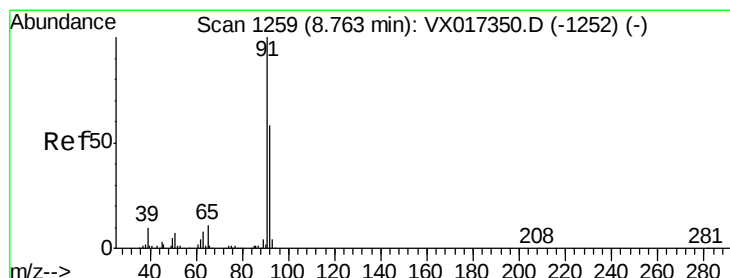
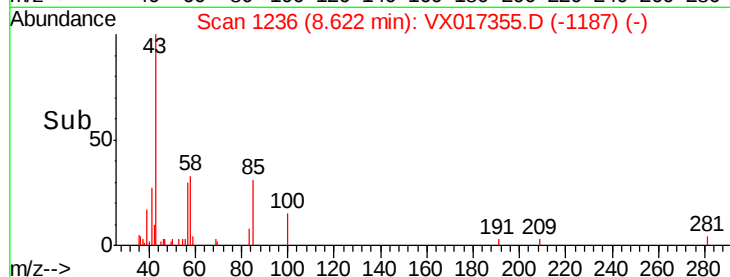
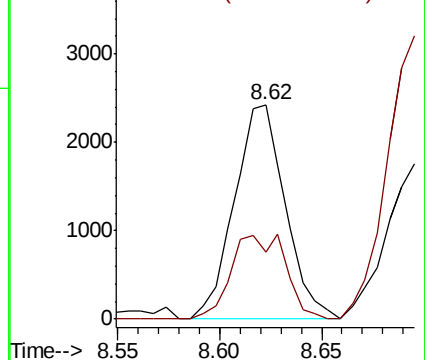
43 100

58 42.0 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.210 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017355.D

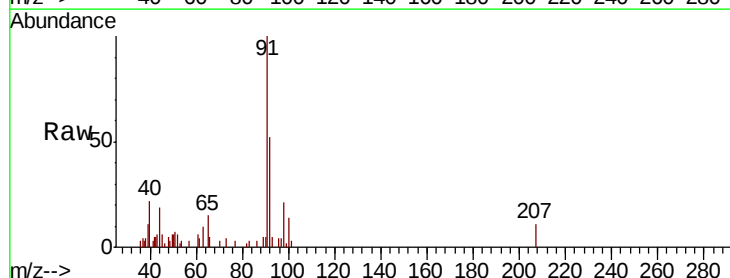
Acq: 13 Jul 2020 16:05

Tgt Ion: 92 Resp: 1951

Ion Ratio Lower Upper

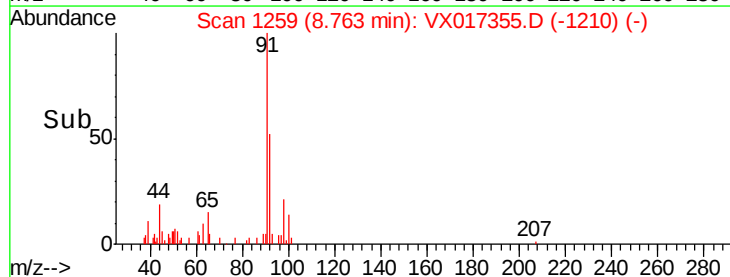
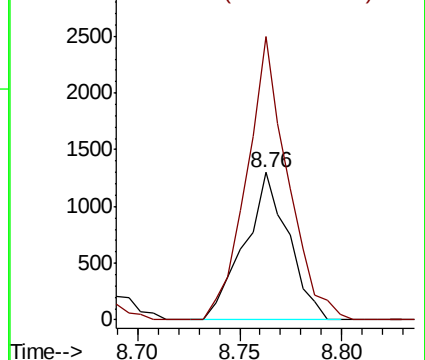
92 100

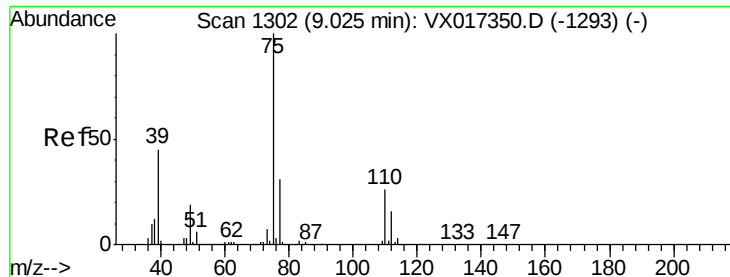
91 180.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

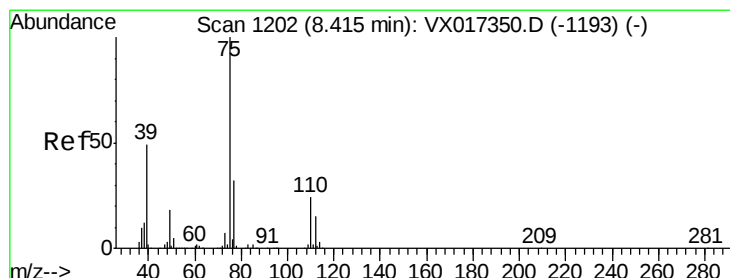
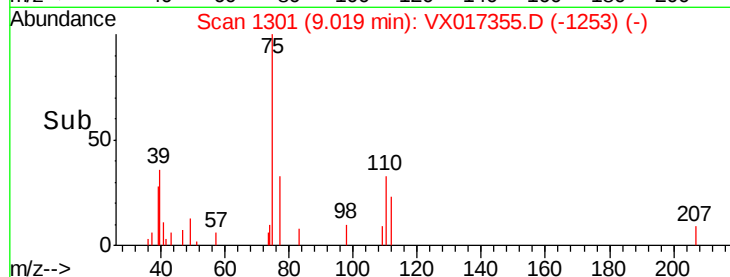
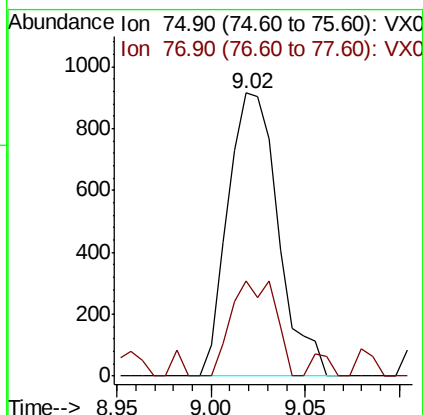
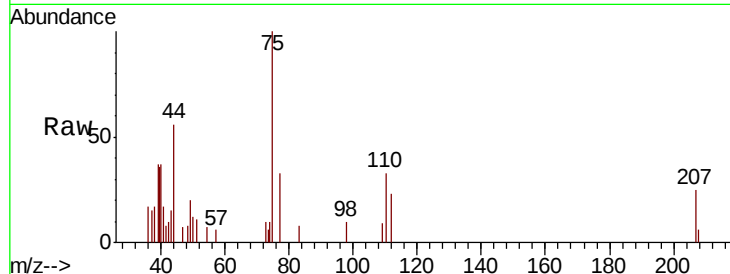




#53
 t-1,3-Dichloropropene
 Concen: 0.283 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

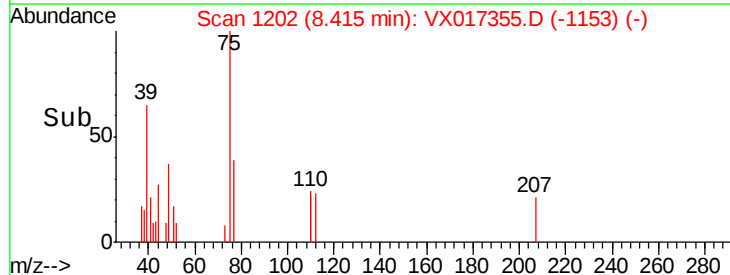
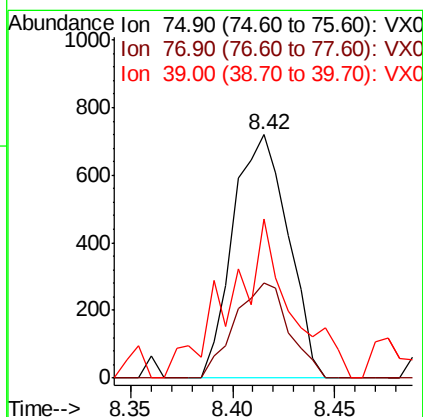
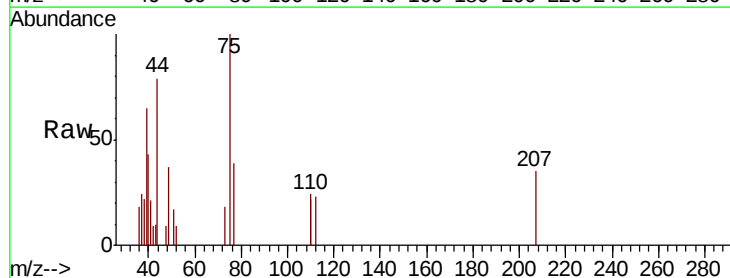
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

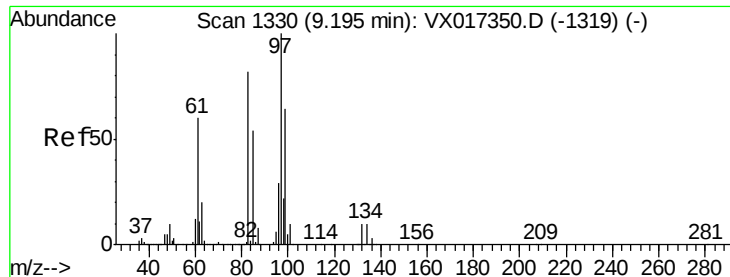
Tot Ion: 75 Resp: 1701
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 0.210 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion: 75 Resp: 1346
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.3 37.9#
 39 53.8 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 0.280 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 97 Resp: 1086

Ion	Ratio	Lower	Upper
97	100		
83	43.1	65.8	98.6#
85	48.3	42.8	64.2
99	40.2	51.2	76.8#

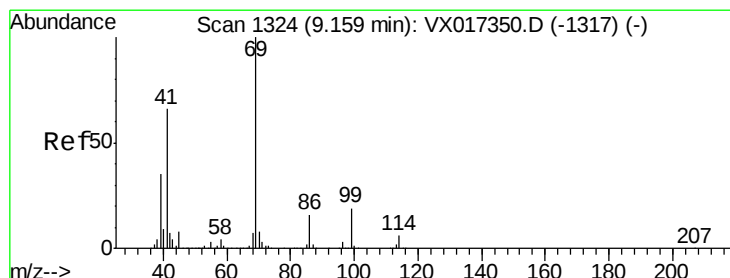
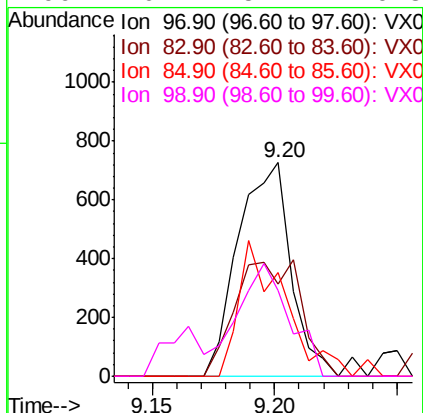
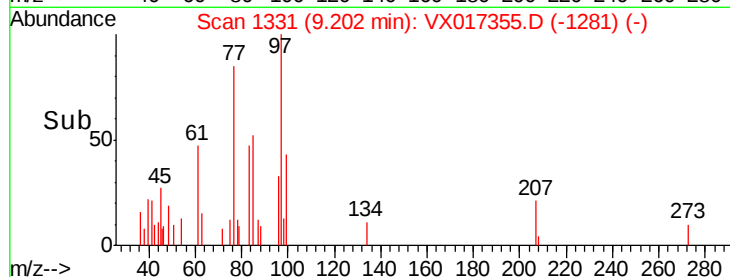
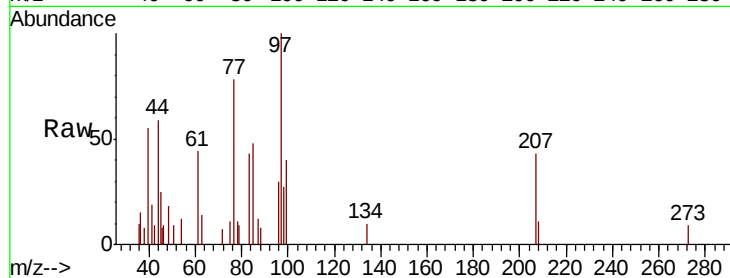
Ion Ratio Lower Upper

97 100

83 43.1 65.8 98.6#

85 48.3 42.8 64.2

99 40.2 51.2 76.8#



#56

Ethyl methacrylate

Concen: 0.191 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Tgt Ion: 69 Resp: 1049

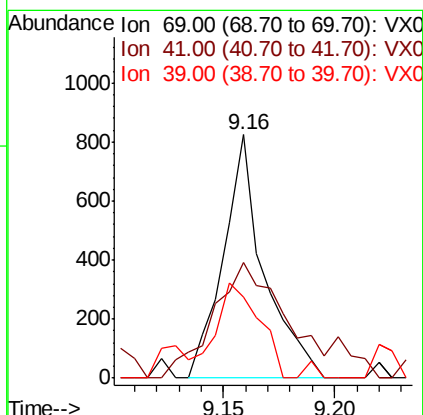
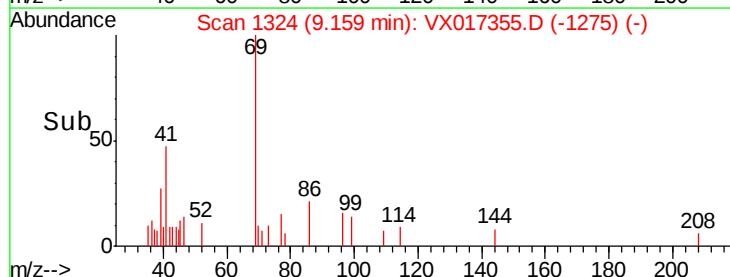
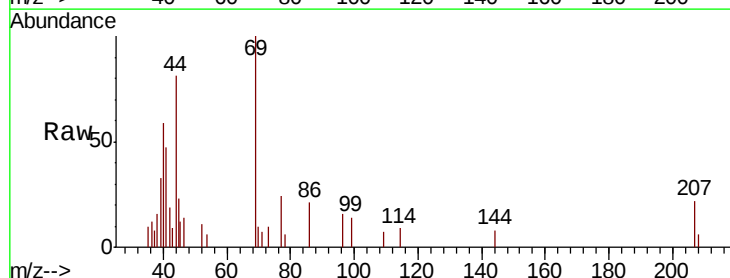
Ion	Ratio	Lower	Upper
69	100		
41	93.2	52.6	78.8#
39	41.7	28.8	43.2

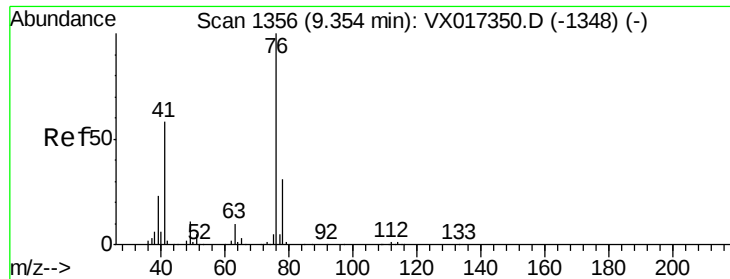
Ion Ratio Lower Upper

69 100

41 93.2 52.6 78.8#

39 41.7 28.8 43.2

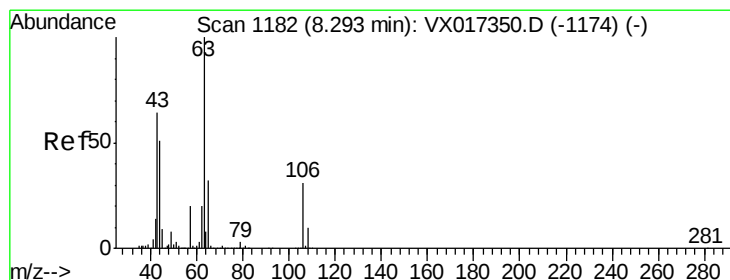
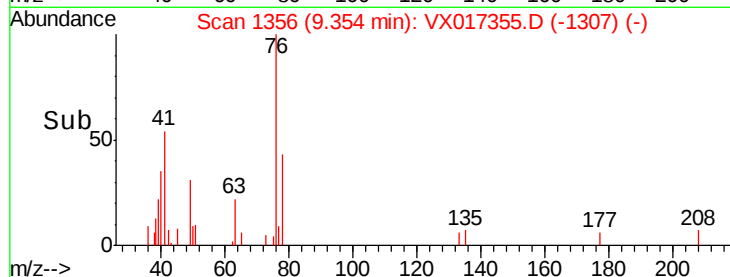
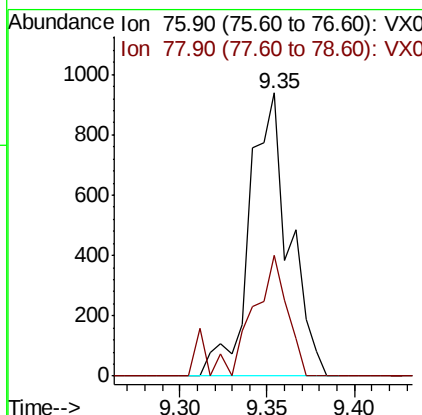
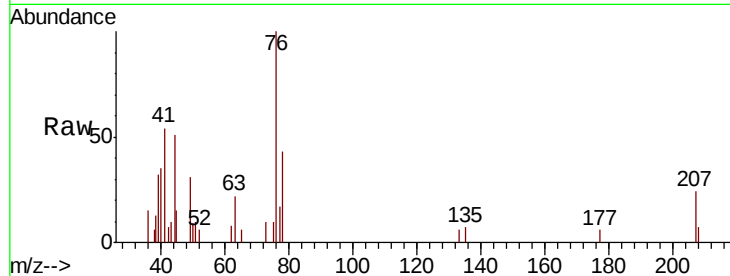




#57
 1,3-Dichloropropane
 Concen: 0.230 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

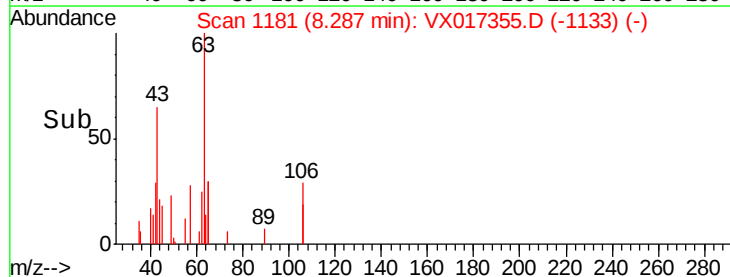
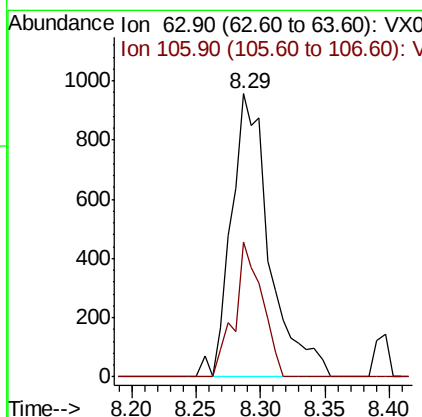
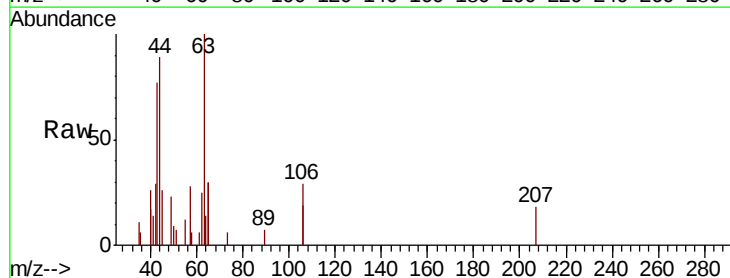
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

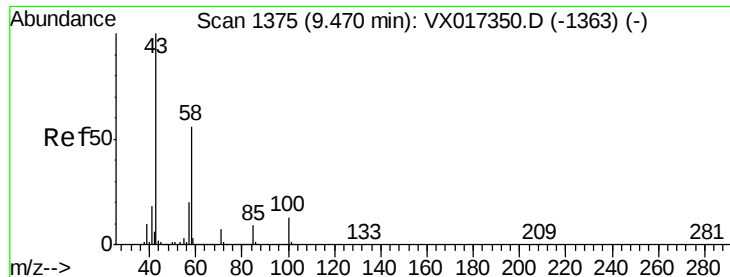
Tot Ion: 76 Resp: 1480
 Ion Ratio Lower Upper
 76 100
 78 34.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.706 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion: 63 Resp: 1972
 Ion Ratio Lower Upper
 63 100
 106 34.3 24.8 37.2

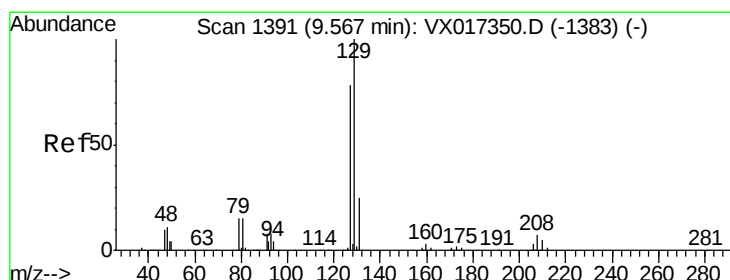
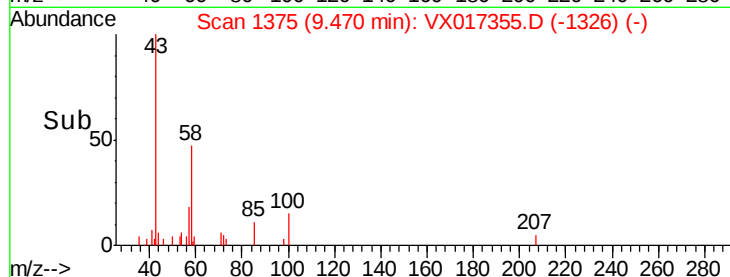
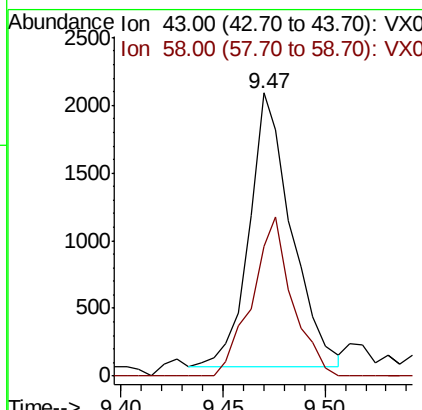
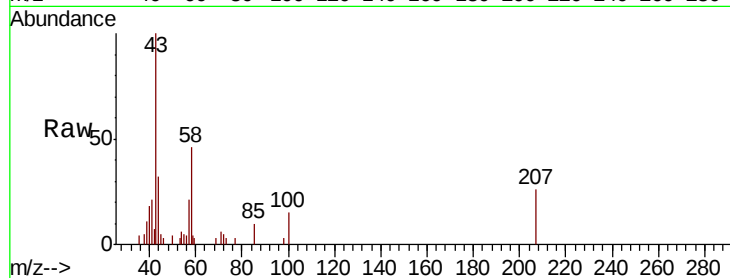




#59
2-Hexanone
Concen: 0.755 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

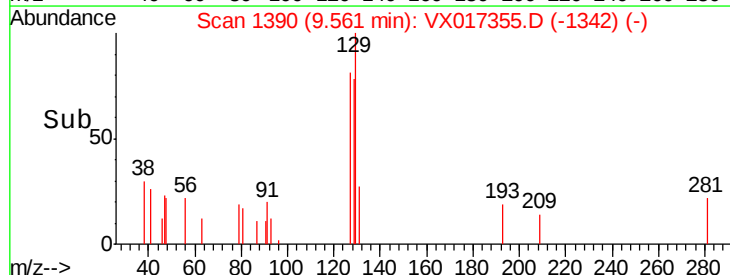
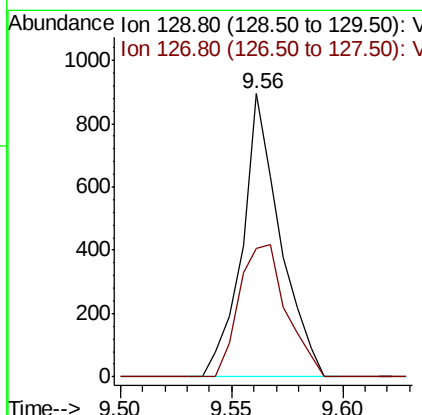
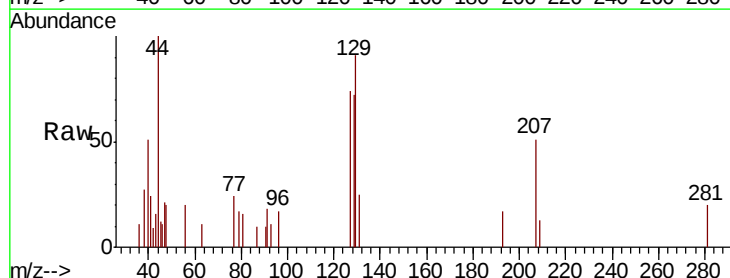
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

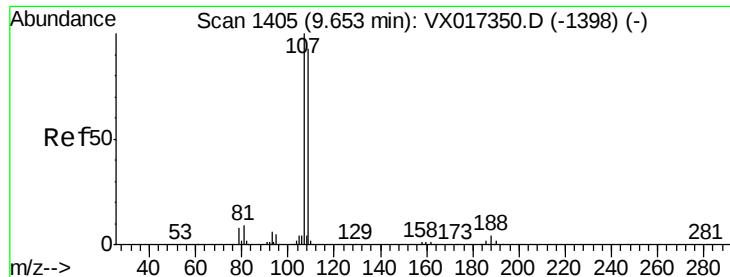
Tot Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3



#60
Dibromochloromethane
Concen: 0.224 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion: 129 Resp: 1060
Ion Ratio Lower Upper
129 100
127 57.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 0.248 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

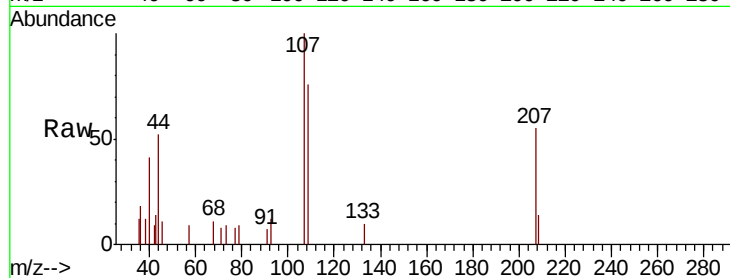
LOD-MDL-WATER-01-QT3-2020

Tot Ion:107 Resp: 1046

Ion Ratio Lower Upper

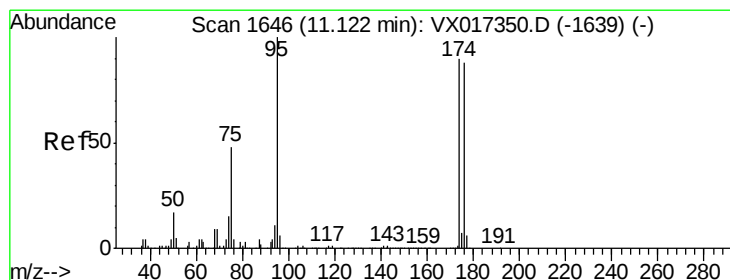
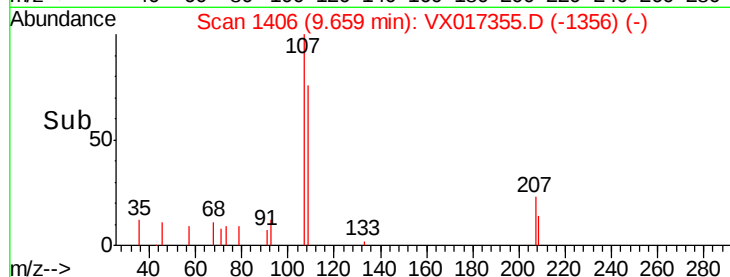
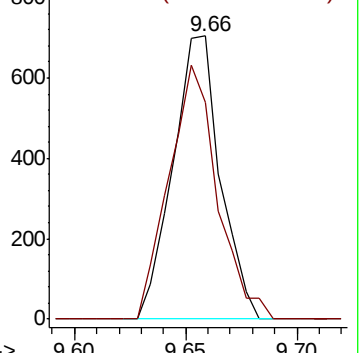
107 100

109 91.6 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.978 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

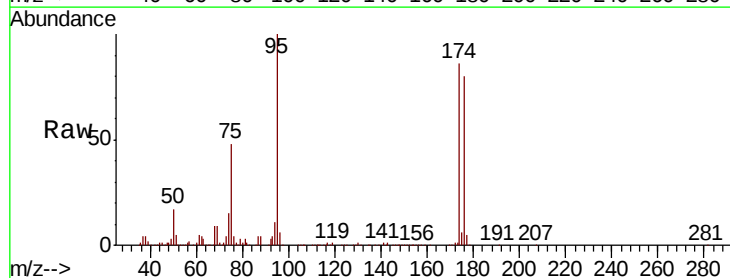
Tgt Ion: 95 Resp: 227244

Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.8

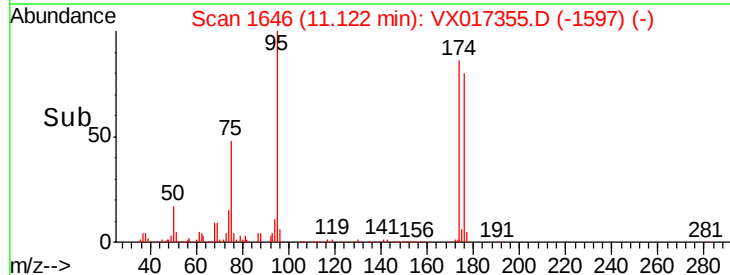
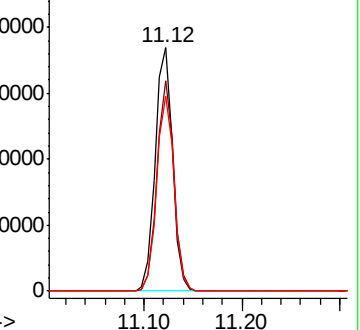
176 80.2 0.0 164.6

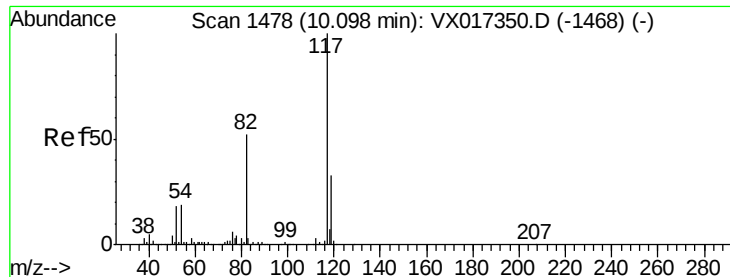


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

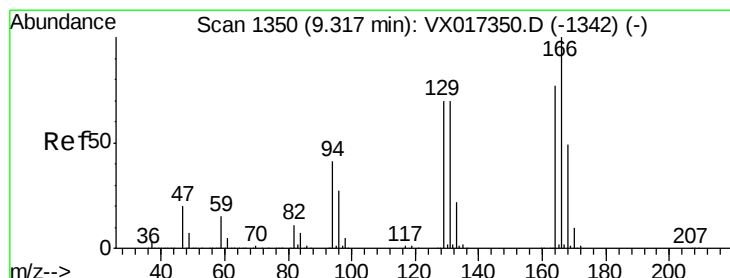
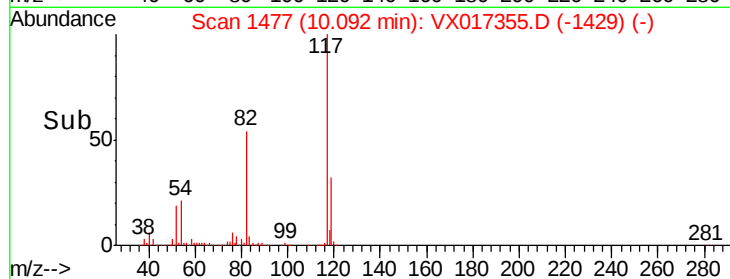
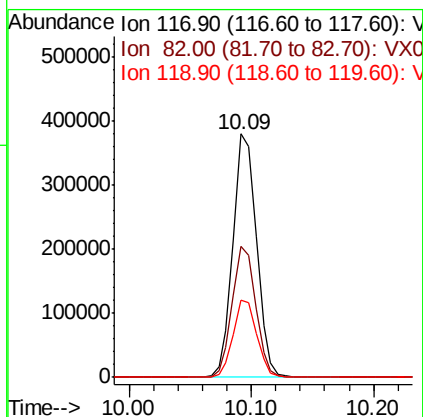
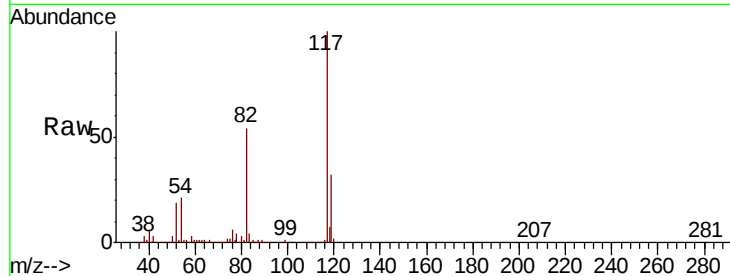




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

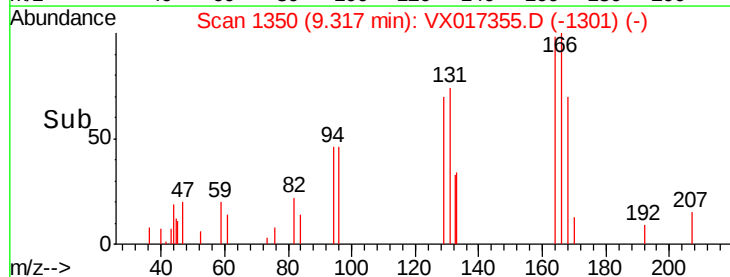
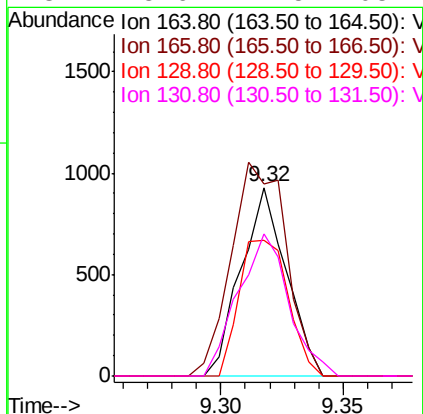
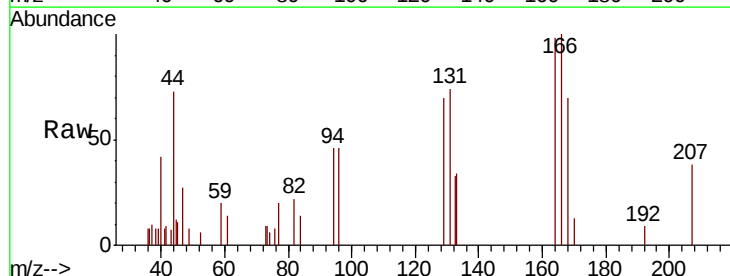
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

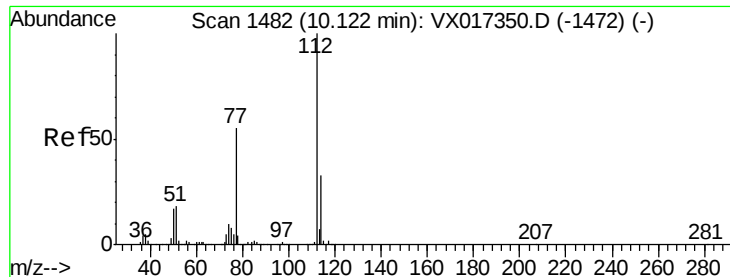
Tot Ion:117 Resp: 504463
Ion Ratio Lower Upper
117 100
82 53.8 42.0 63.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 0.275 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion:164 Resp: 1199
Ion Ratio Lower Upper
164 100
166 102.0 103.9 155.9#
129 71.9 72.9 109.3#
131 75.6 72.5 108.7





#65

Chlorobenzene

Concen: 0.257 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

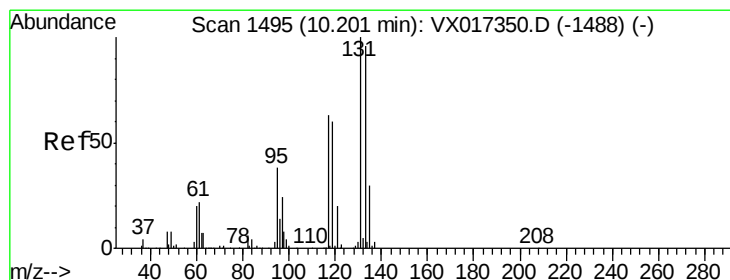
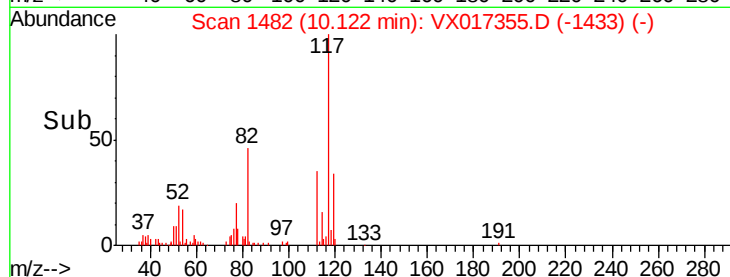
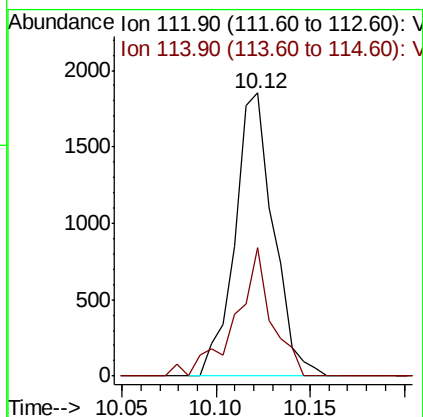
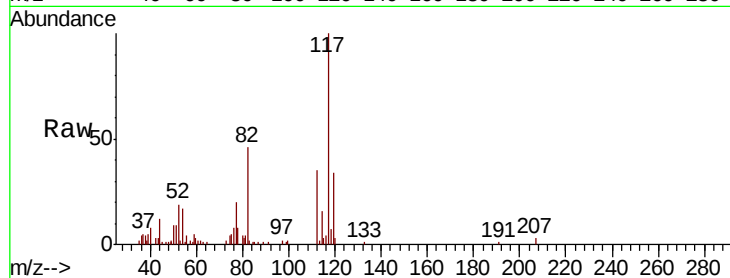
LOD-MDL-WATER-01-QT3-2020

Tot Ion:112 Resp: 2632

Ion Ratio Lower Upper

112 100

114 45.5 26.0 39.0#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.215 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

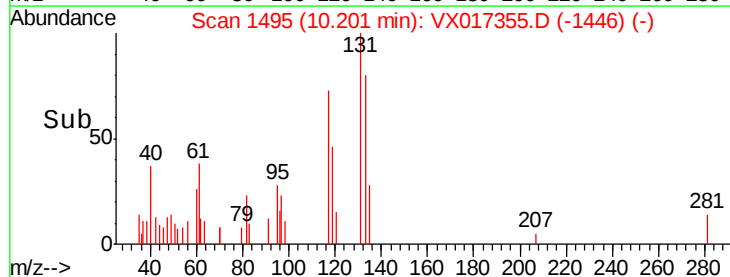
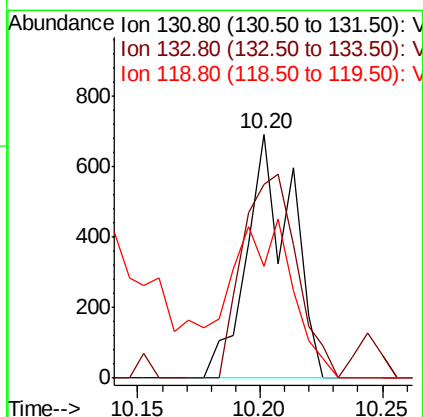
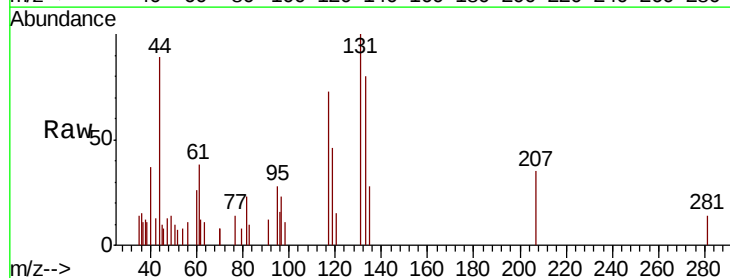
Tgt Ion:131 Resp: 877

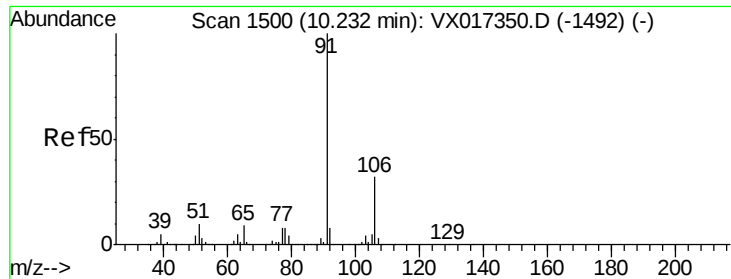
Ion Ratio Lower Upper

131 100

133 102.1 48.4 145.2

119 0.0 31.2 93.6#





#67

Ethyl Benzene

Concen: 0.227 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

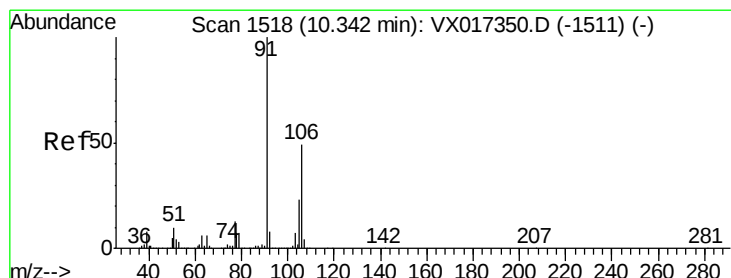
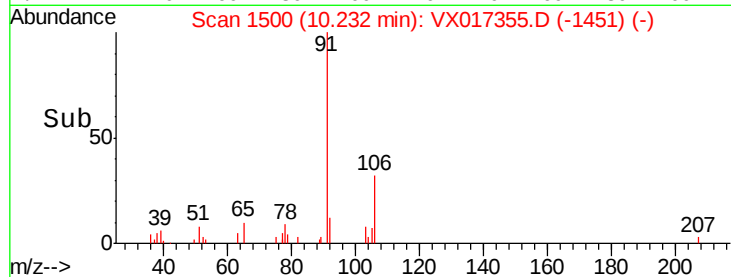
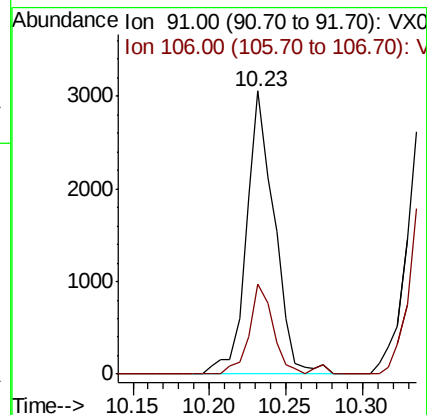
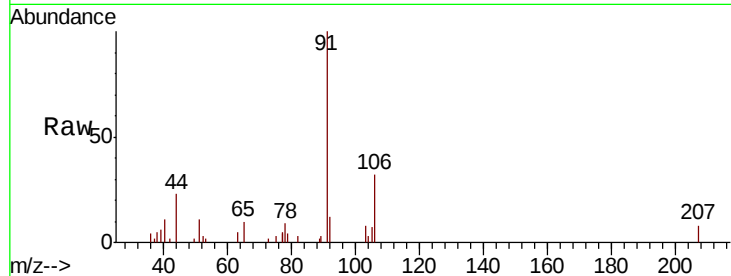
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 91 Resp: 3872

Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5



#68

m/p-Xylenes

Concen: 0.420 ug/l

RT: 10.34 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VX017355.D

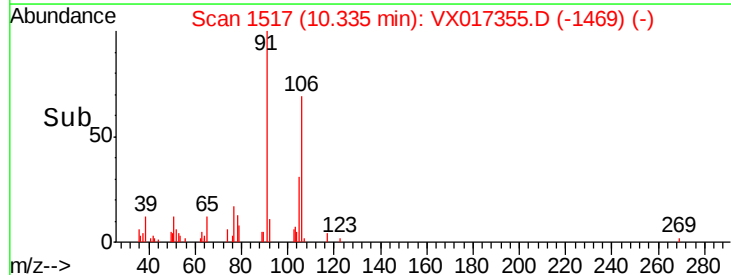
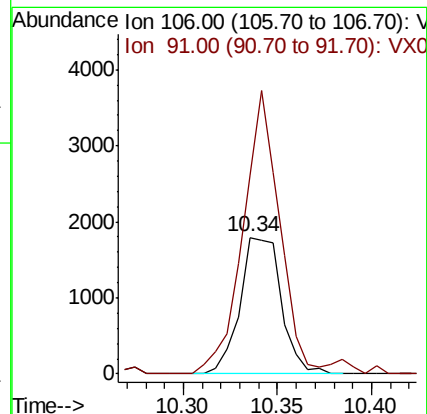
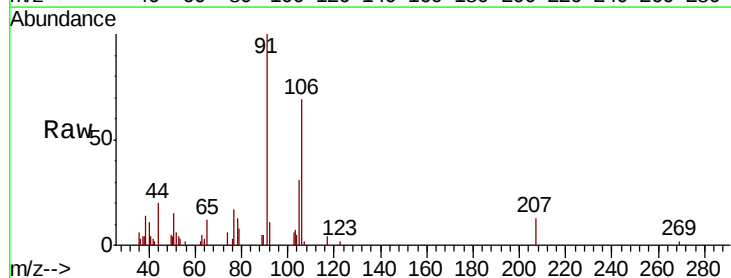
Acq: 13 Jul 2020 16:05

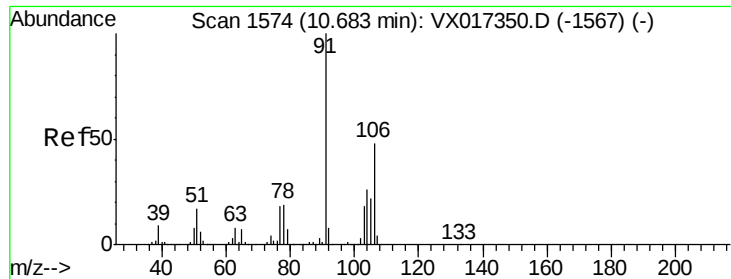
Tgt Ion: 106 Resp: 2728

Ion Ratio Lower Upper

106 100

91 183.0 162.5 243.7

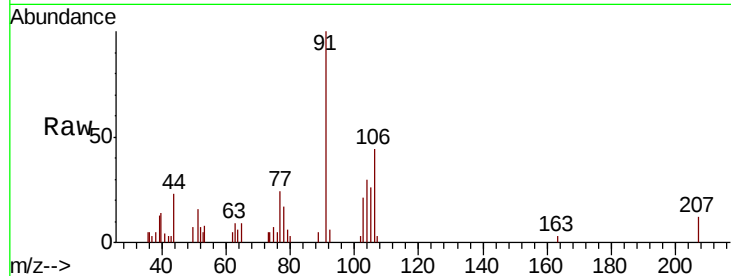




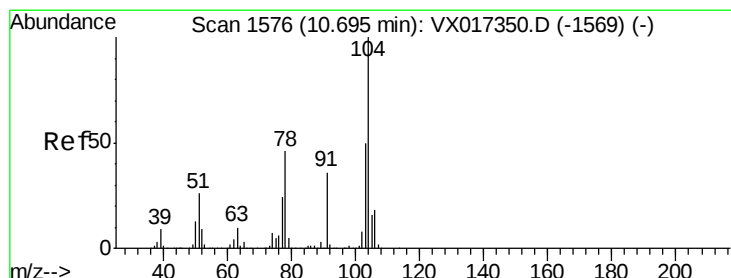
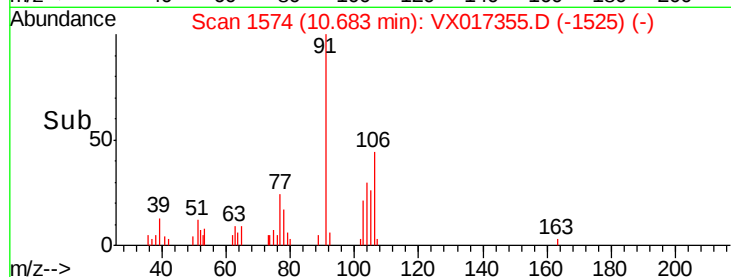
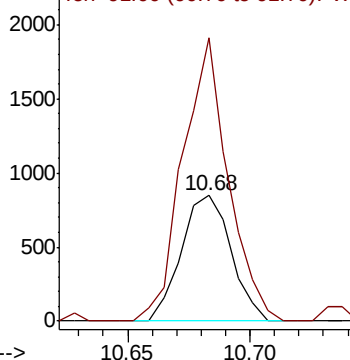
#69
o-Xylene
Concen: 0.194 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:106 Resp: 1201
Ion Ratio Lower Upper
106 100
91 206.2 106.1 318.1

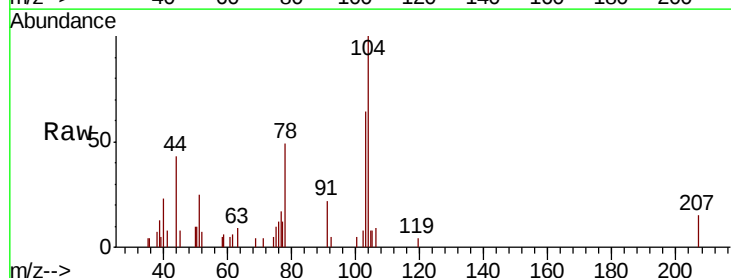


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

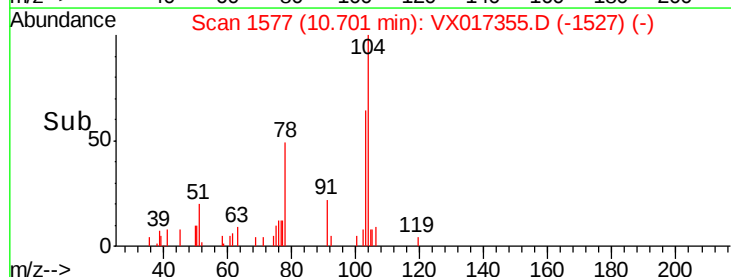
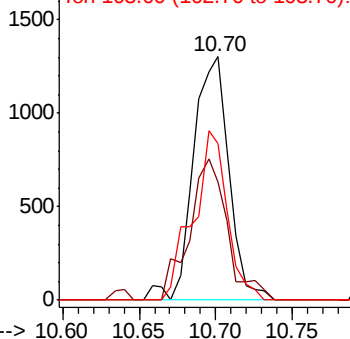


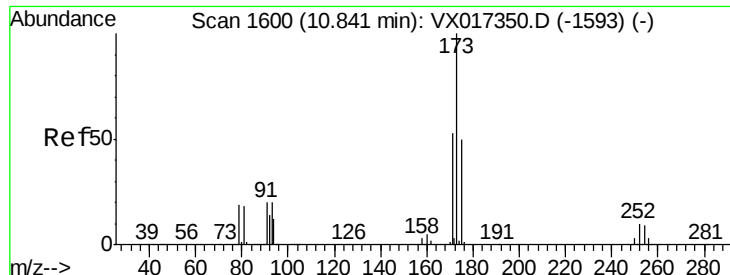
#70
Styrene
Concen: 0.199 ug/l
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion:104 Resp: 2118
Ion Ratio Lower Upper
104 100
78 61.8 40.8 61.2#
103 66.5 43.3 64.9#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.195 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

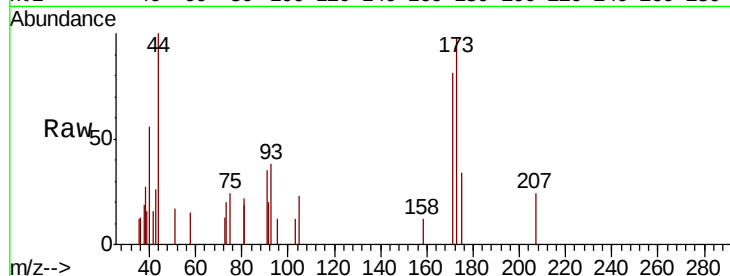
Tot Ion:173 Resp: 673

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.84

400

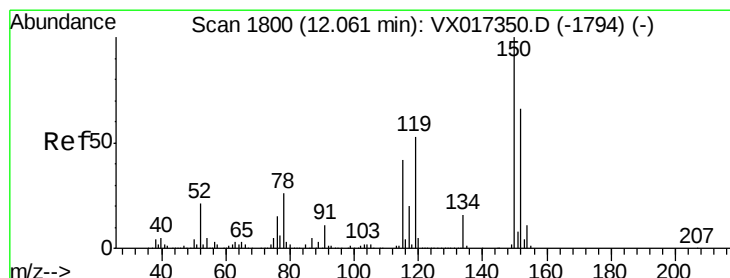
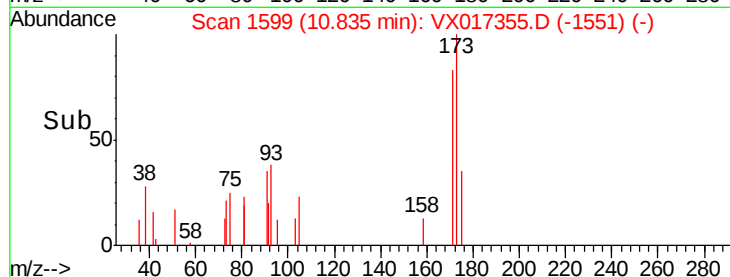
300

200

100

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

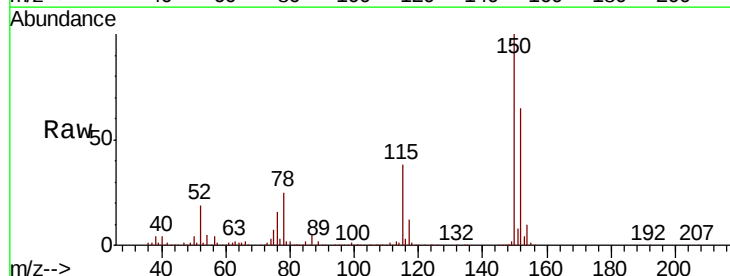
Tgt Ion:152 Resp: 252416

Ion Ratio Lower Upper

152 100

115 58.0 39.9 119.7

150 156.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.06

400000

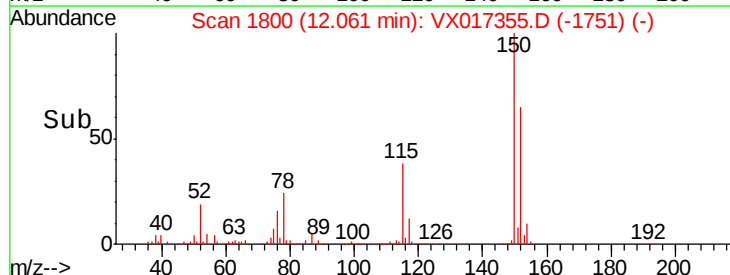
300000

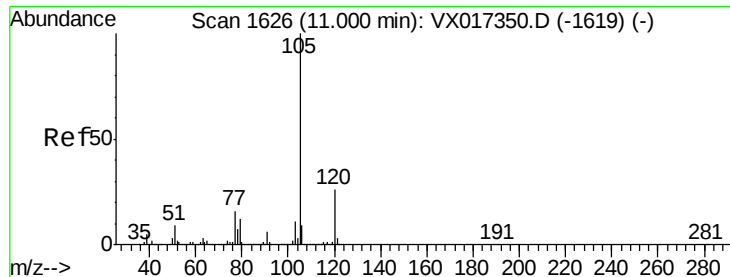
200000

100000

0

Time-->





#73

Isopropylbenzene

Concen: 0.181 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

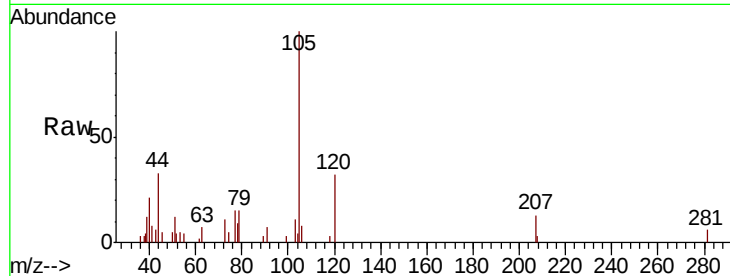
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 105 Resp: 2870

Ion Ratio Lower Upper

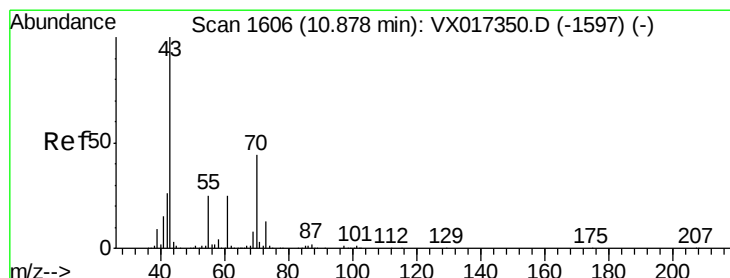
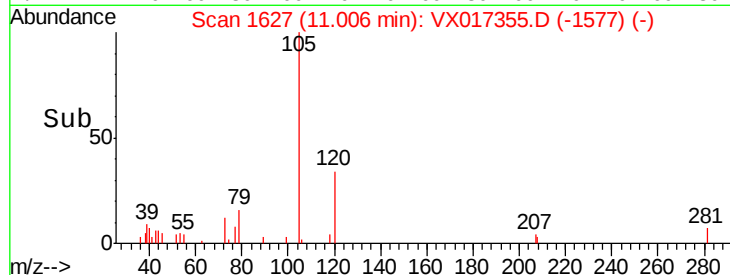
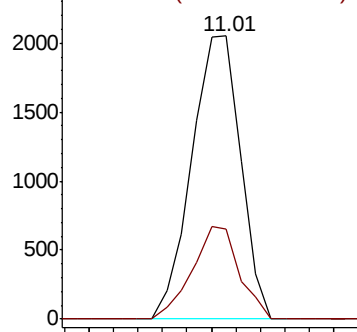
105 100

120 31.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.213 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Tgt Ion: 43 Resp: 1346

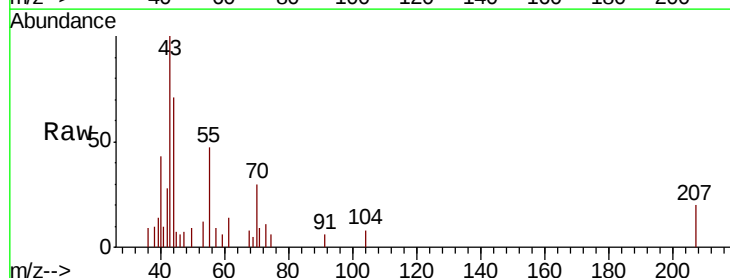
Ion Ratio Lower Upper

43 100

70 44.2 35.7 53.5

55 32.7 20.3 30.5#

61 28.1 20.0 30.0

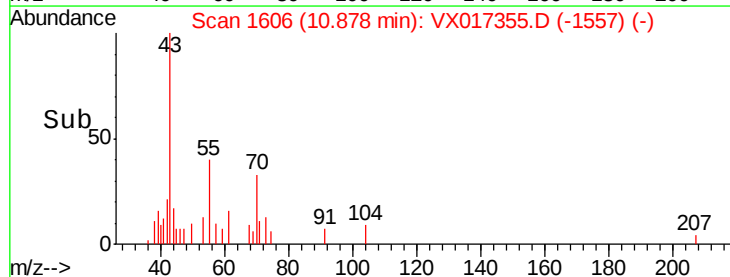
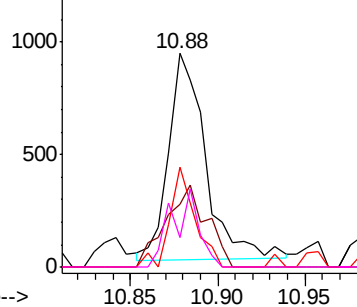


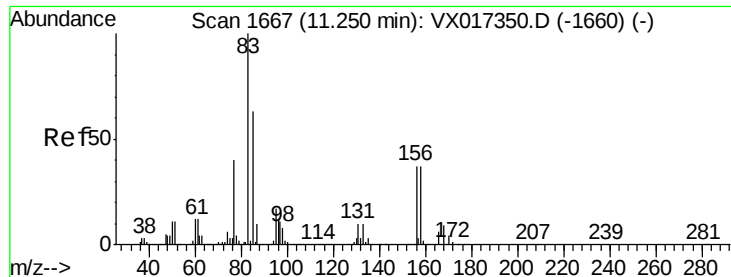
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.238 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

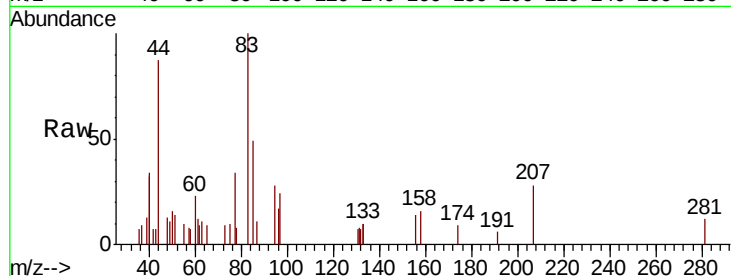
Tot Ion: 83 Resp: 1142

Ion Ratio Lower Upper

83 100

131 7.4 5.5 16.7

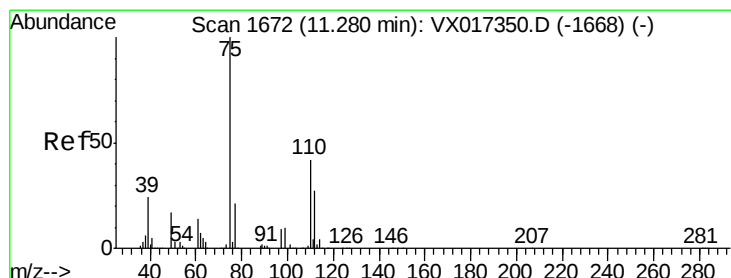
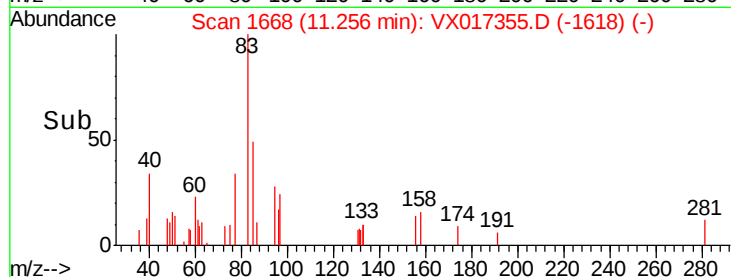
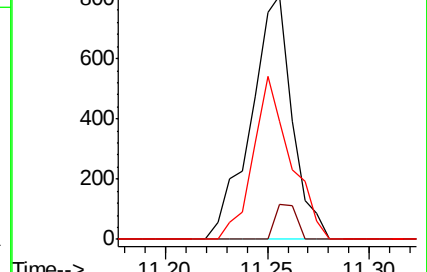
85 60.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.429 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017355.D

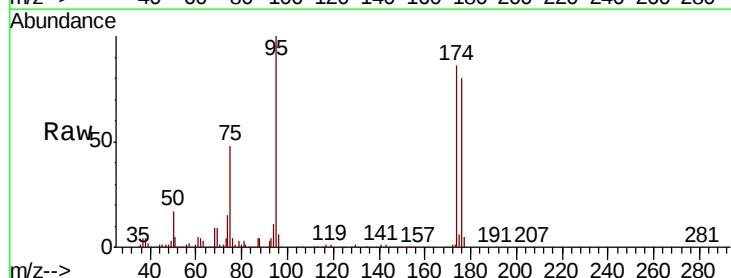
Acq: 13 Jul 2020 16:05

Tgt Ion: 75 Resp: 113940

Ion Ratio Lower Upper

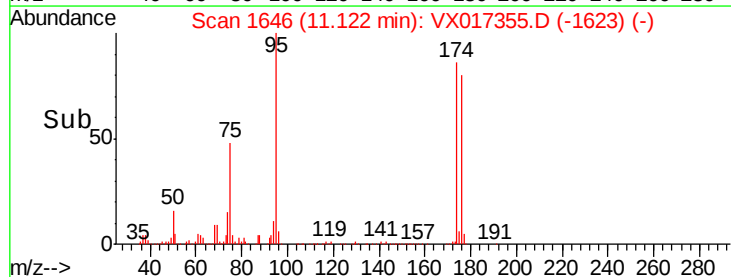
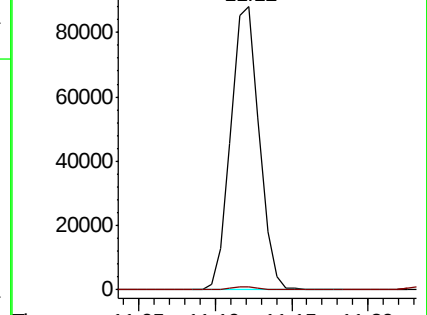
75 100

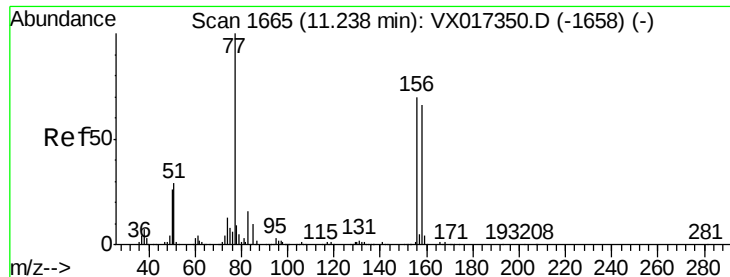
77 1.4 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.267 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

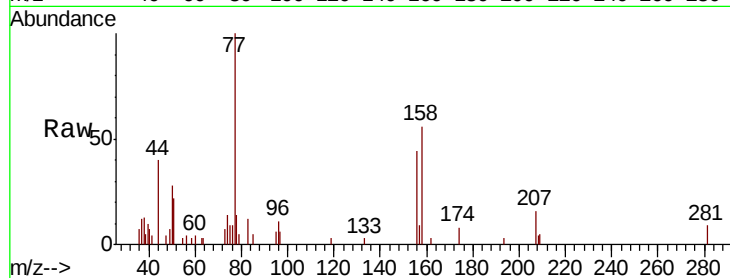
Tot Ion:156 Resp: 1203

Ion Ratio Lower Upper

156 100

77 161.3 72.1 216.3

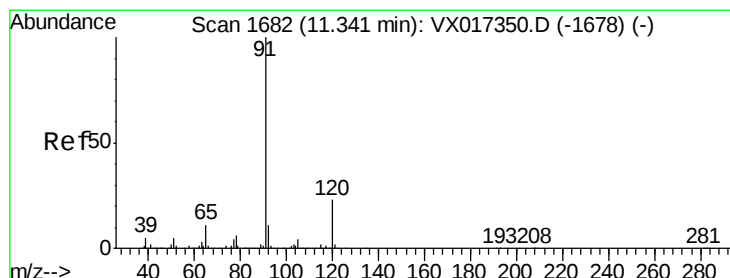
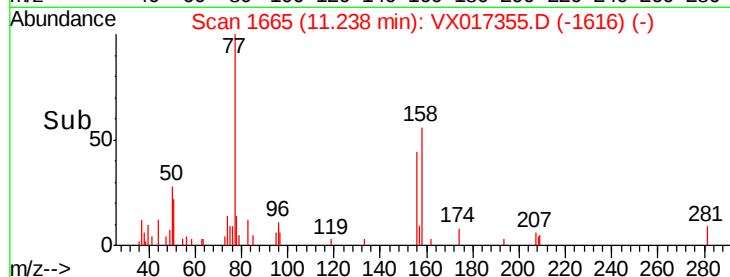
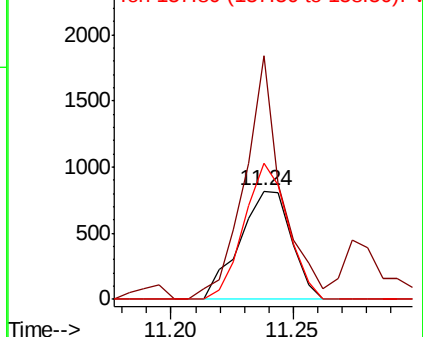
158 107.0 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.228 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017355.D

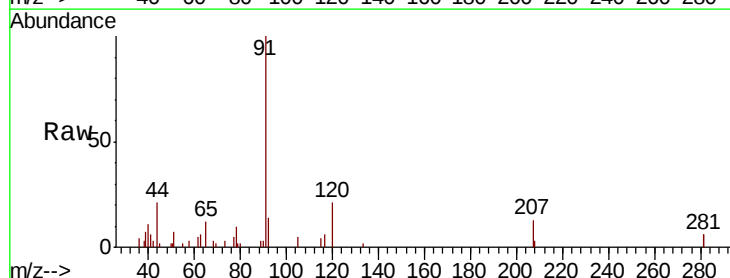
Acq: 13 Jul 2020 16:05

Tgt Ion: 91 Resp: 4056

Ion Ratio Lower Upper

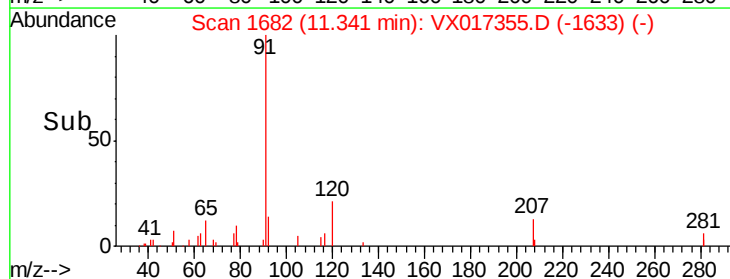
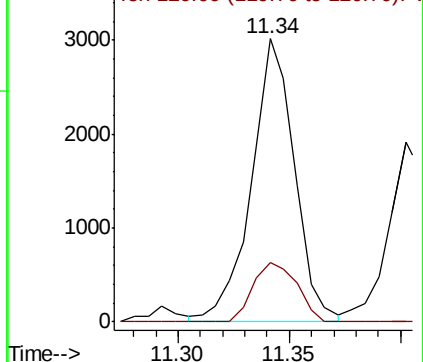
91 100

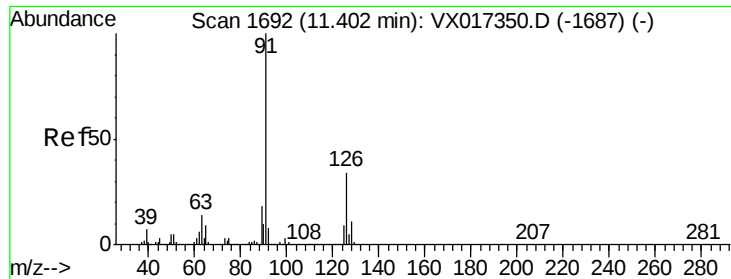
120 21.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.237 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

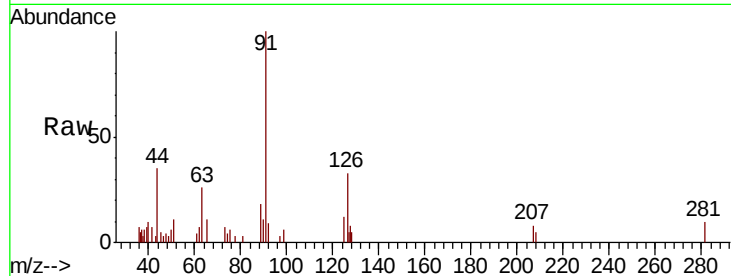
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 91 Resp: 2599

Ion Ratio Lower Upper

91 100

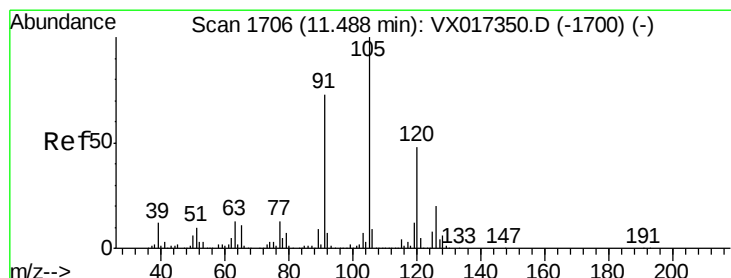
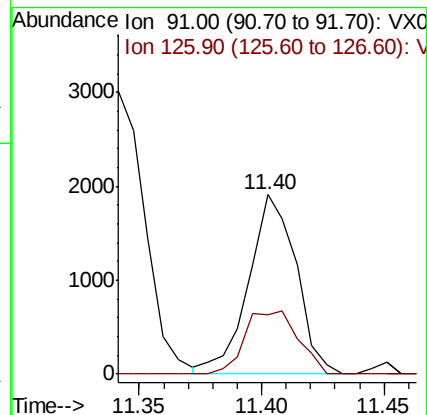
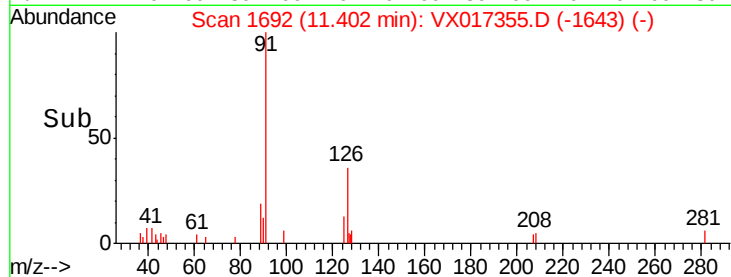
126 39.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017355.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017355.D (-1687) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.181 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017355.D

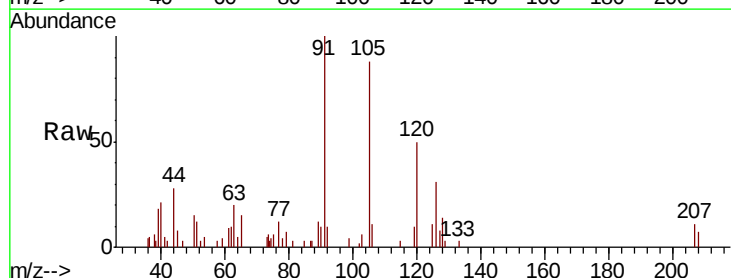
Acq: 13 Jul 2020 16:05

Tgt Ion: 105 Resp: 2426

Ion Ratio Lower Upper

105 100

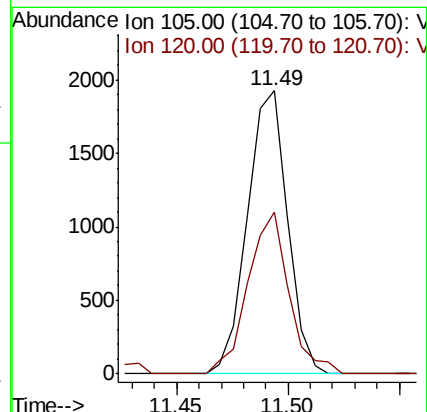
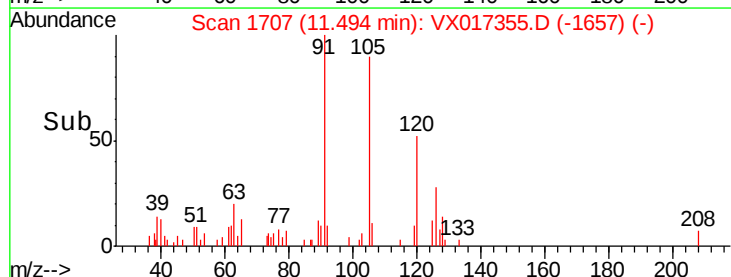
120 58.7 24.8 74.4

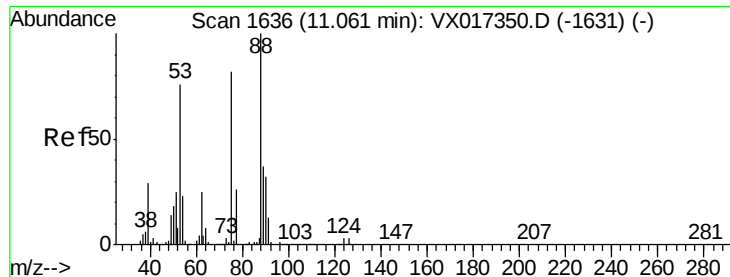


Abundance Ion 105.00 (104.70 to 105.70): VX017355.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX017355.D (-1657) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 61.970 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

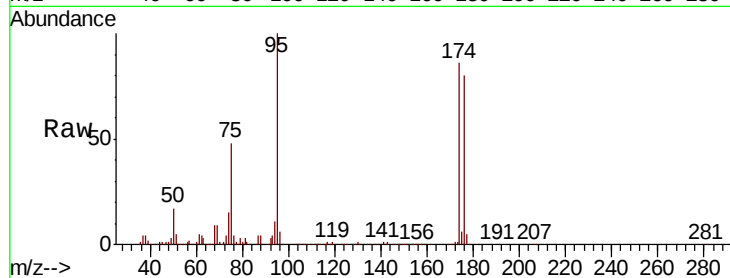
Tot Ion: 75 Resp: 113940

Ion Ratio Lower Upper

75 100

53 0.1 76.5 114.7#

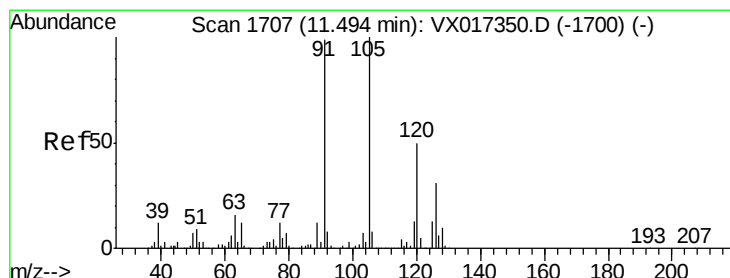
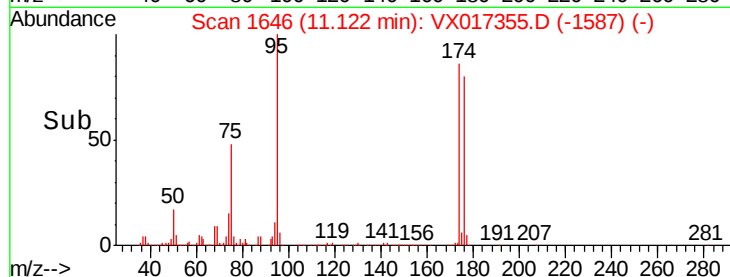
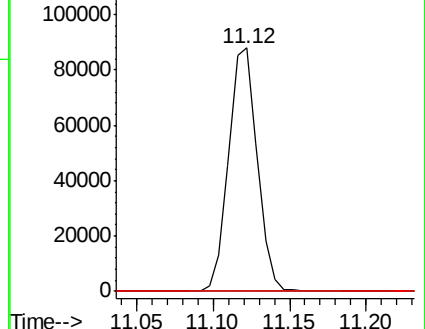
89 0.0 38.1 57.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.262 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017355.D

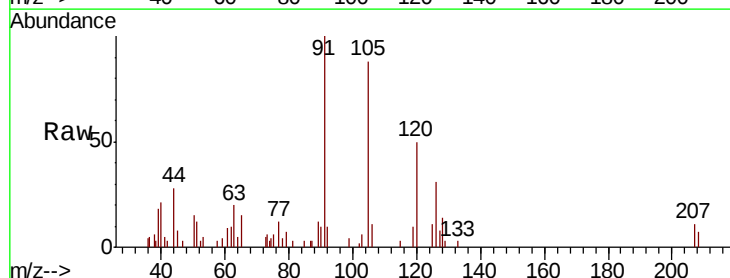
Acq: 13 Jul 2020 16:05

Tgt Ion: 91 Resp: 3396

Ion Ratio Lower Upper

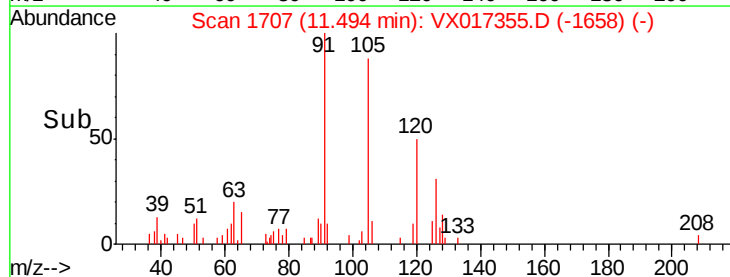
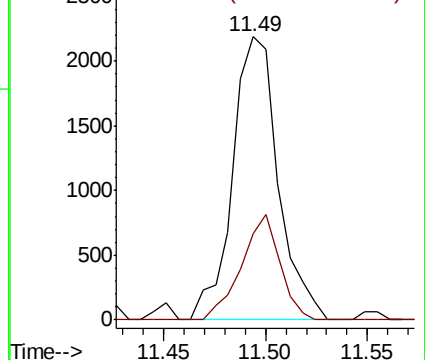
91 100

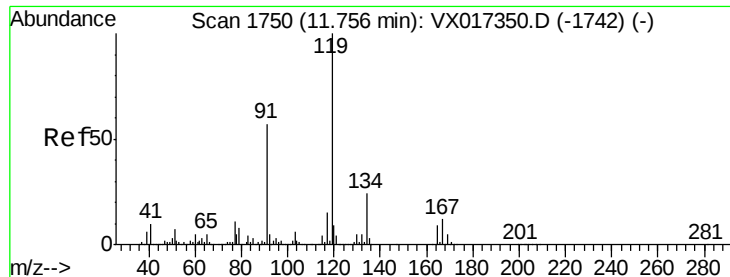
126 31.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

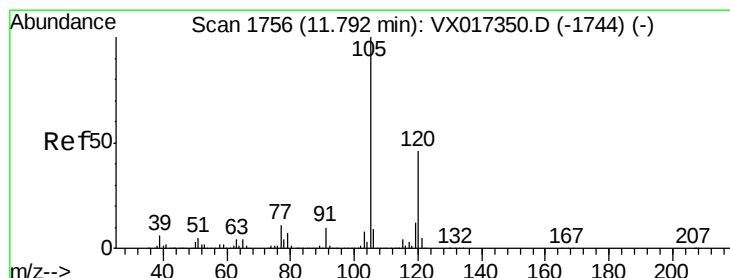
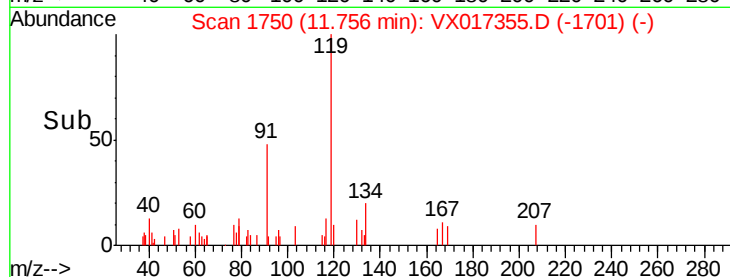
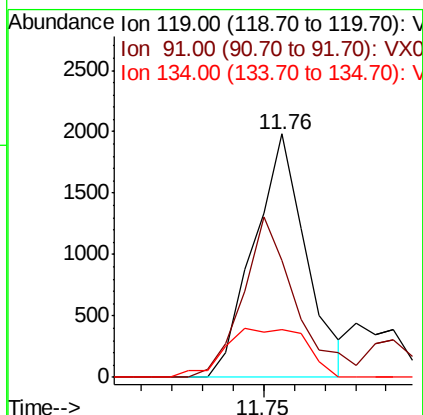
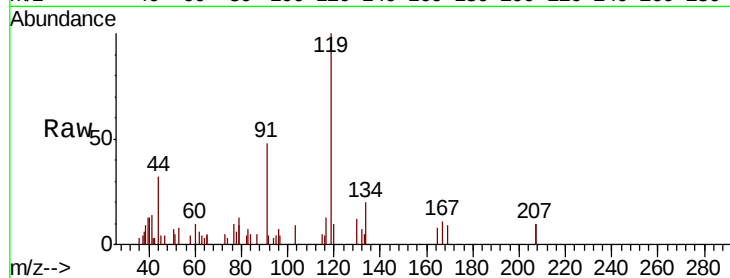




#83
tert-Butylbenzene
Concen: 0.181 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

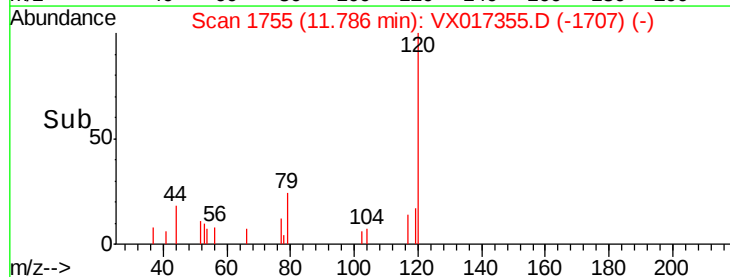
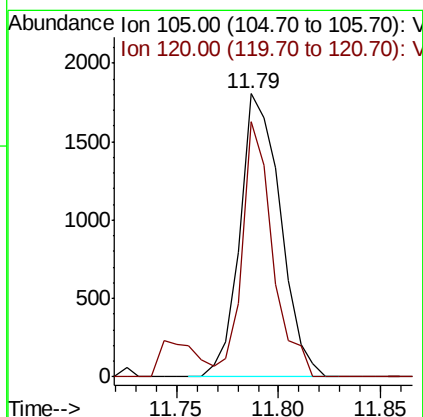
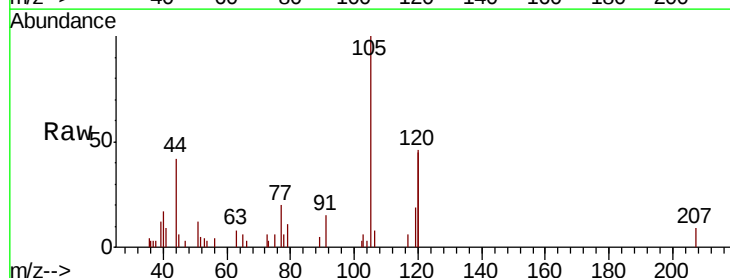
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

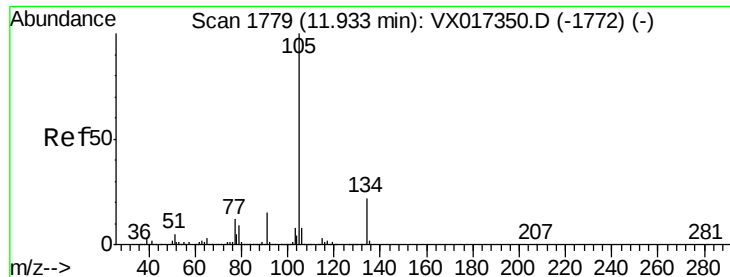
Tot Ion:119 Resp: 2353
Ion Ratio Lower Upper
119 100
91 66.9 28.5 85.6
134 31.2 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 0.183 ug/l
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion:105 Resp: 2489
Ion Ratio Lower Upper
105 100
120 67.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 0.183 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

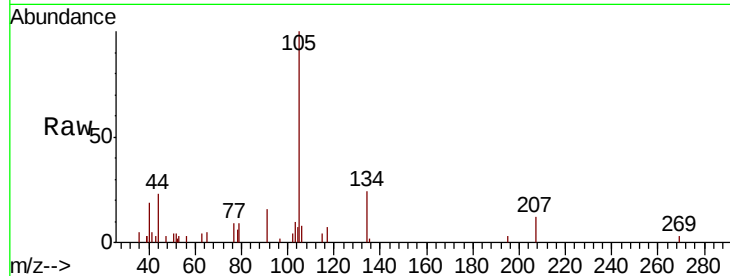
LOD-MDL-WATER-01-QT3-2020

Tot Ion:105 Resp: 2779

Ion Ratio Lower Upper

105 100

134 20.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

2500

2000

1500

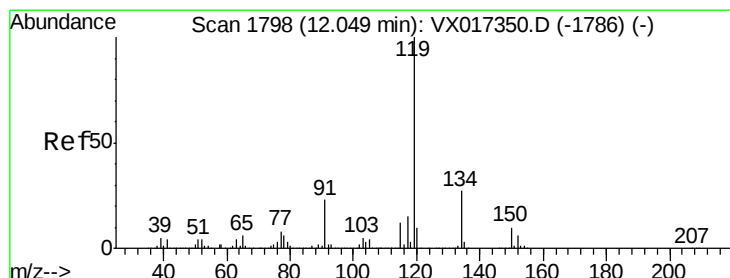
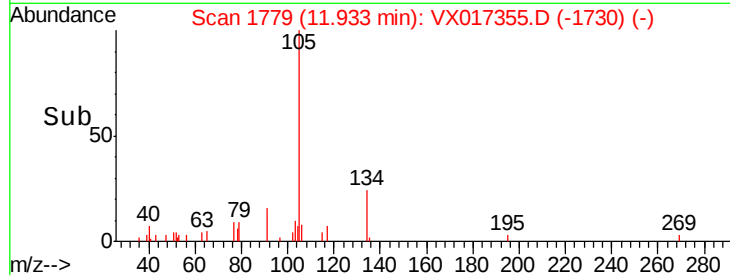
1000

500

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 0.177 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

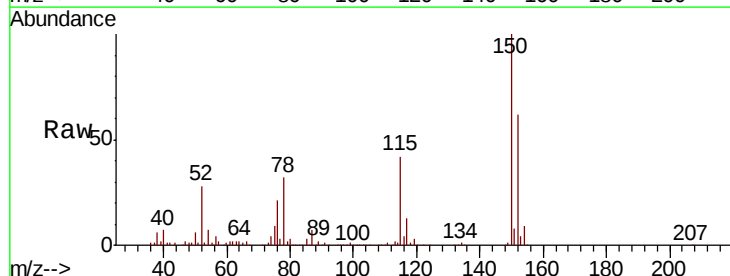
Tgt Ion:119 Resp: 2547

Ion Ratio Lower Upper

119 100

134 31.8 13.5 40.5

91 47.5 11.8 35.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

3000

2500

2000

1500

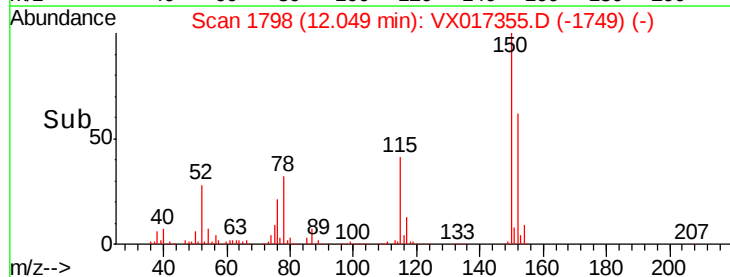
1000

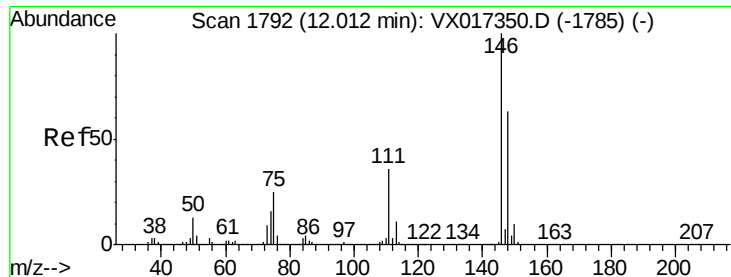
500

0

12.00 12.05 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.269 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

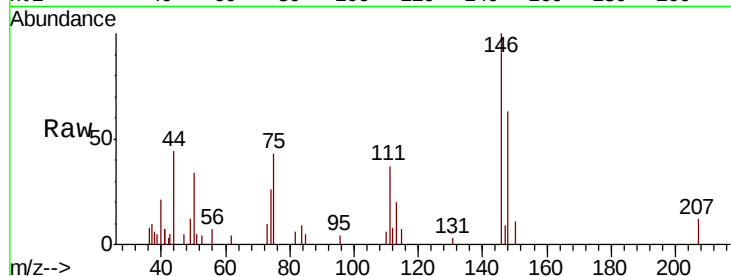
Tot Ion:146 Resp: 2171

Ion Ratio Lower Upper

146 100

111 41.9 19.2 57.6

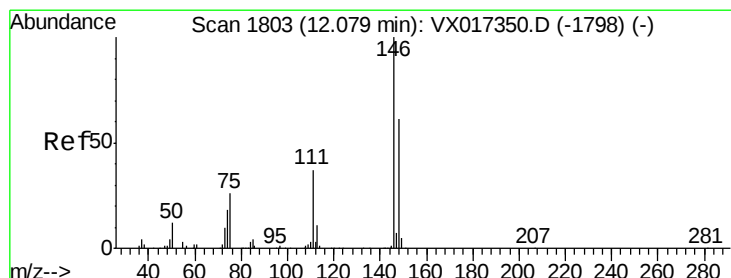
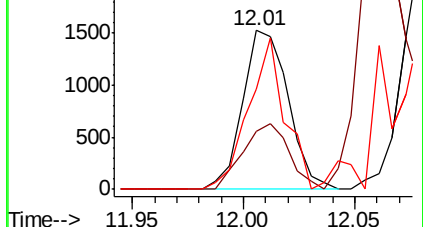
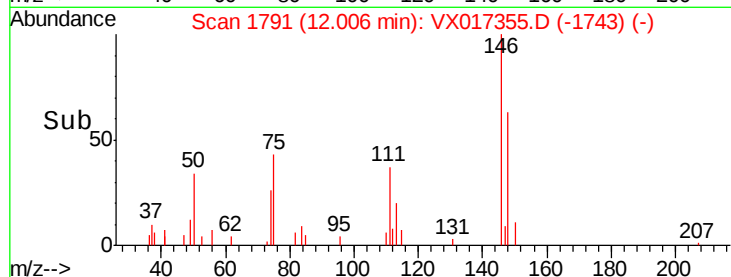
148 77.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.267 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.07 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

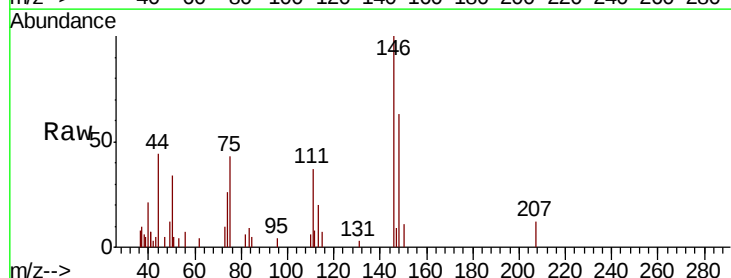
Tgt Ion:146 Resp: 2171

Ion Ratio Lower Upper

146 100

111 41.9 18.9 56.9

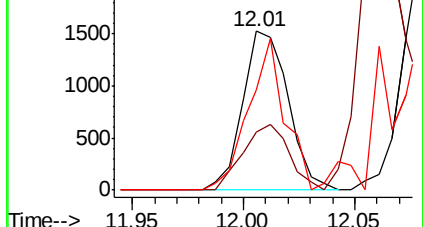
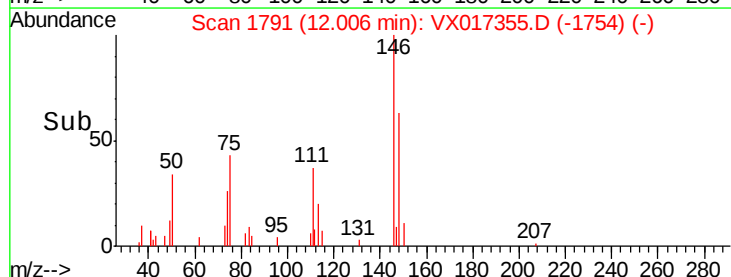
148 77.0 31.9 95.9

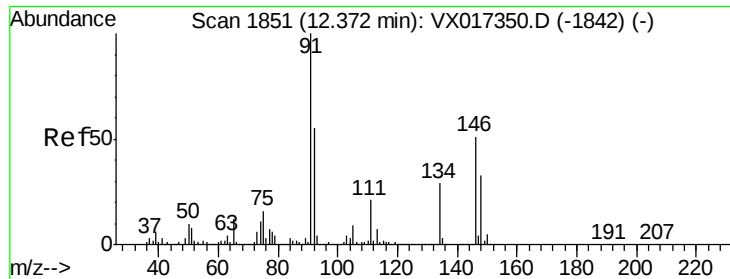


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

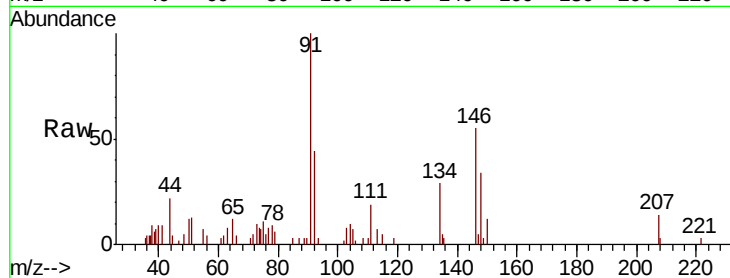
Tot Ion: 91 Resp: 2858

Ion Ratio Lower Upper

91 100

92 49.7 27.0 81.0

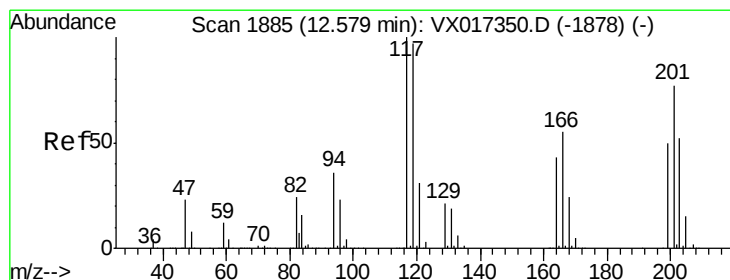
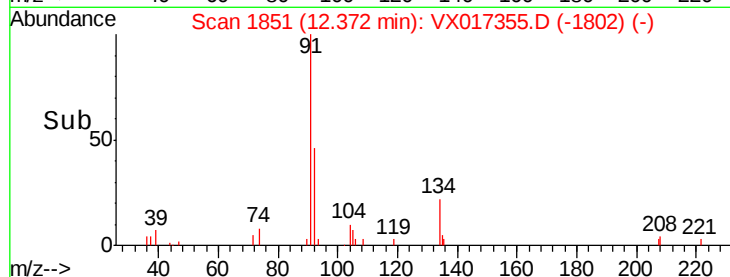
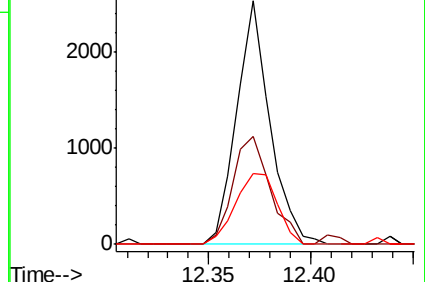
134 36.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.175 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017355.D

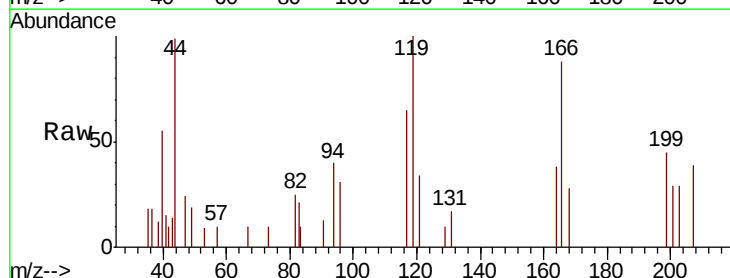
Acq: 13 Jul 2020 16:05

Tgt Ion: 117 Resp: 478

Ion Ratio Lower Upper

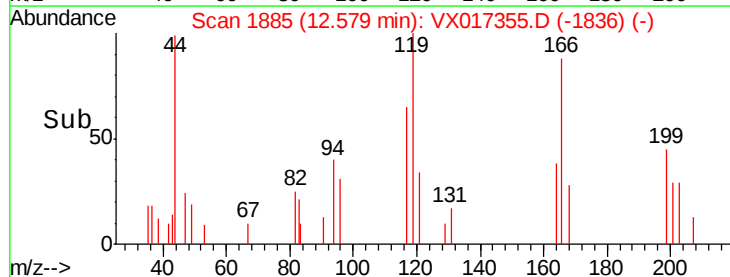
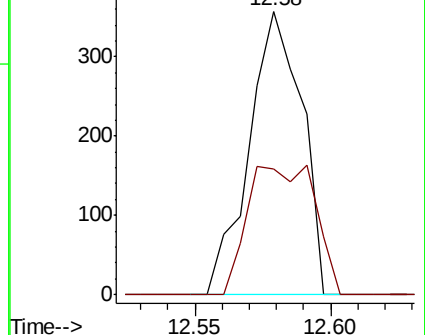
117 100

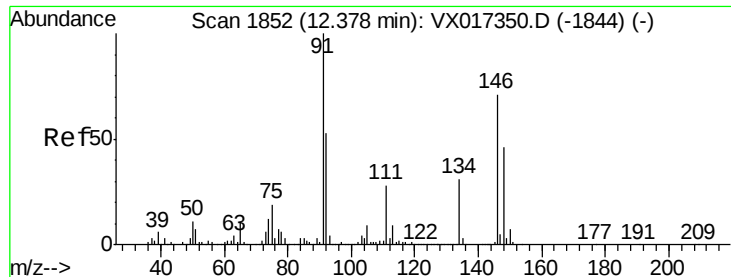
201 58.4 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.266 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

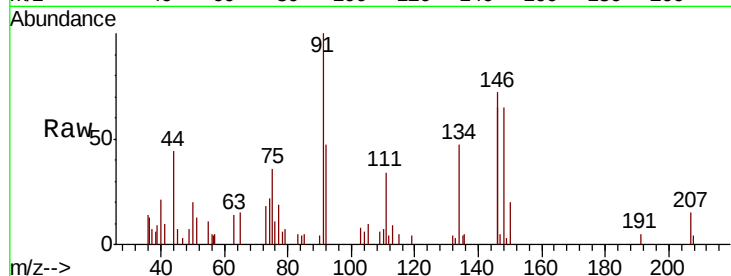
Tot Ion:146 Resp: 2014

Ion Ratio Lower Upper

146 100

111 38.8 20.3 61.0

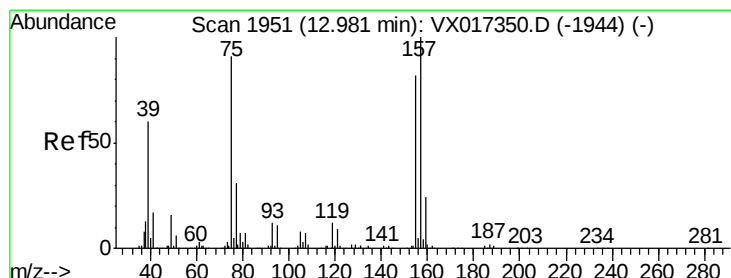
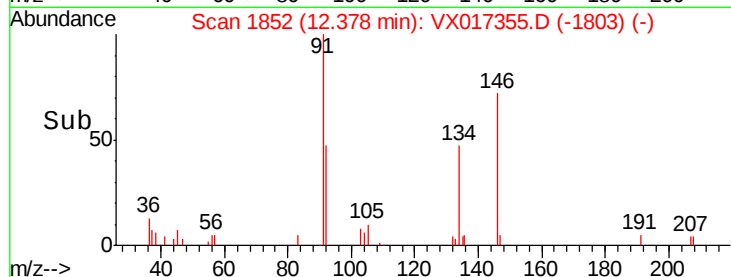
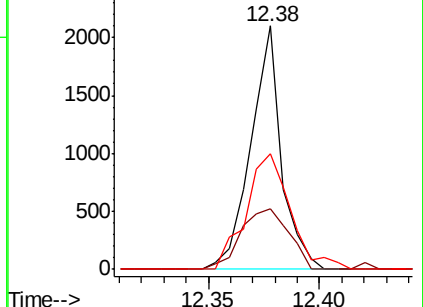
148 68.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.368 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017355.D

Acq: 13 Jul 2020 16:05

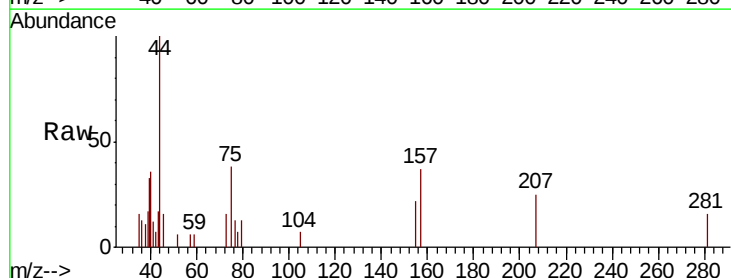
Tgt Ion: 75 Resp: 467

Ion Ratio Lower Upper

75 100

155 65.1 46.5 139.3

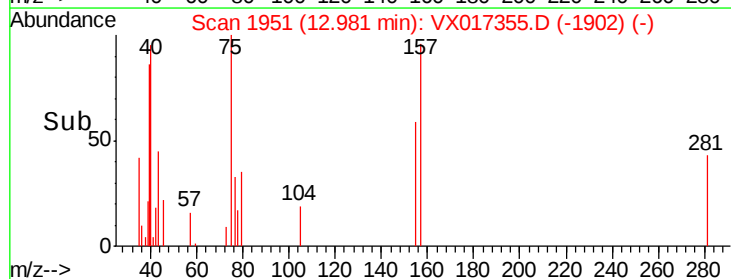
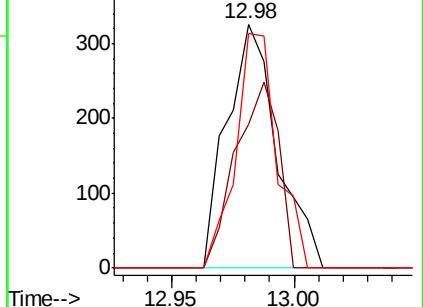
157 78.8 58.0 173.9

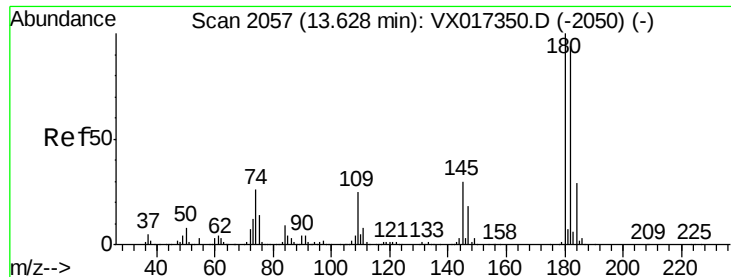


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

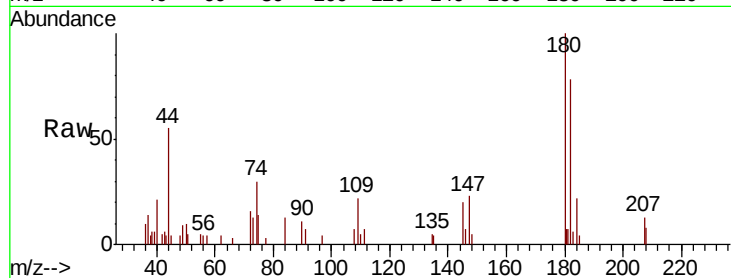




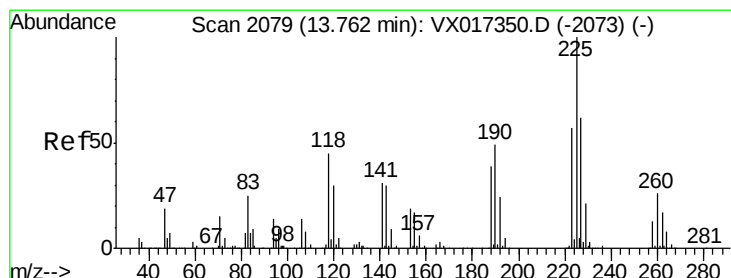
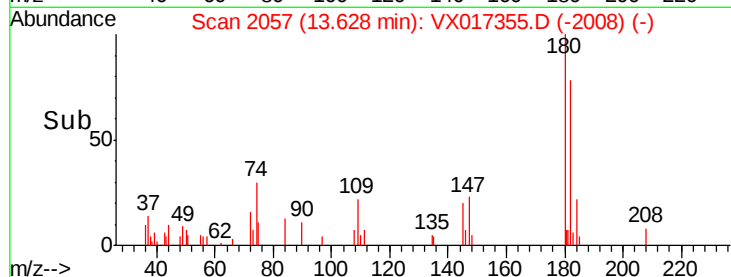
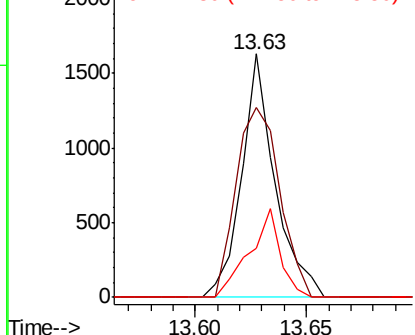
#93
 1,2,4-Trichlorobenzene
 Concen: 0.325 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:180 Resp: 1708
 Ion Ratio Lower Upper
 180 100
 182 101.6 48.4 145.0
 145 33.6 15.3 45.8

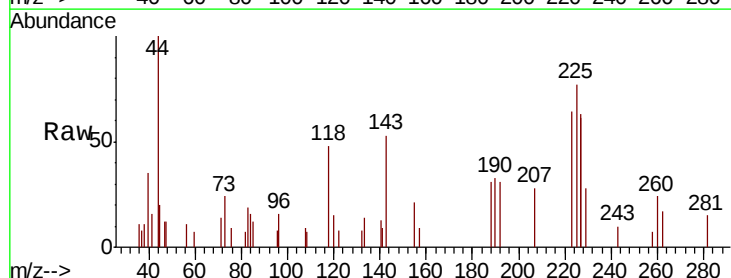


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

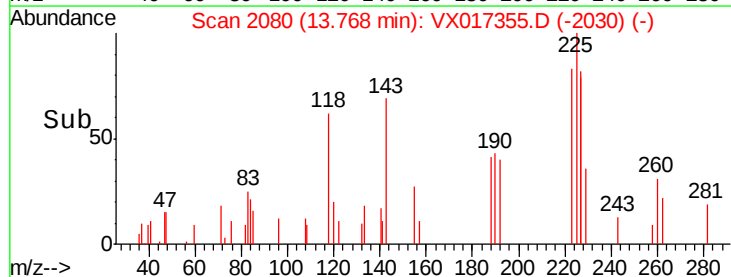
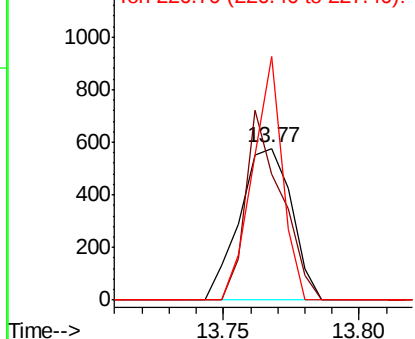


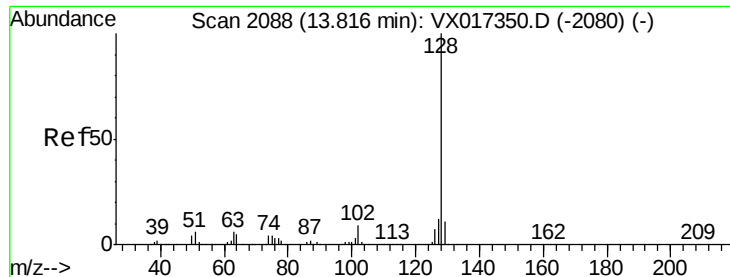
#94
 Hexachlorobutadiene
 Concen: 0.357 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017355.D
 Acq: 13 Jul 2020 16:05

Tgt Ion:225 Resp: 765
 Ion Ratio Lower Upper
 225 100
 223 85.9 31.3 93.8
 227 91.8 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

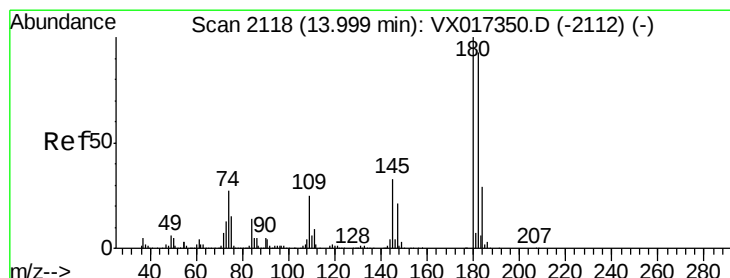
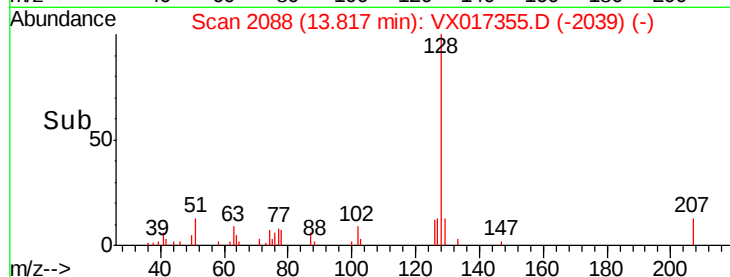
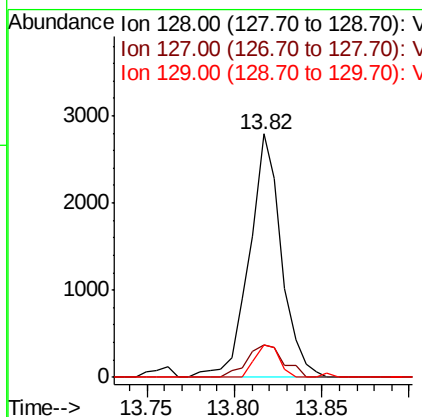
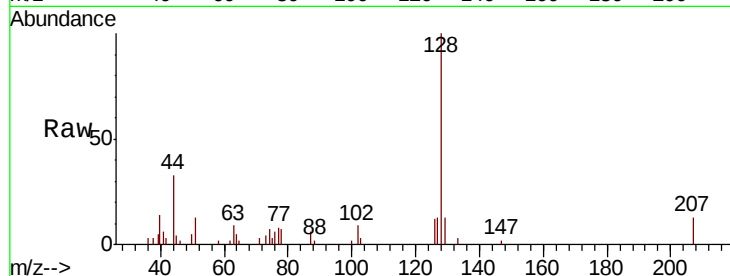




#95
Naphthalene
Concen: 0.230 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:128 Resp: 3557
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.4
129 10.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.288 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017355.D
Acq: 13 Jul 2020 16:05

Tgt Ion:180 Resp: 1463
Ion Ratio Lower Upper
180 100
182 108.0 48.8 146.3
145 38.2 16.6 49.7

