

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071420\
 Data File : VX017367.D
 Acq On : 14 Jul 2020 10:41
 Operator : JC/SP
 Sample : L3216-09 .2PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Quant Time: Jul 15 02:07:05 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	5.63	168	298201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213847	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	189361	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	5.46	113	154522	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	8.70	98	534680	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.12	95	192408	42.90	ug/l	0.00
Spiked Amount			Recovery	=	85.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	832	0.293	ug/l	92
4) Vinyl Chloride	1.39	62	673	0.239	ug/l	89
5) Bromomethane	1.64	94	1061	0.580	ug/l #	58
6) Chloroethane	1.72	64	447	0.252	ug/l #	43
7) Trichlorofluoromethane	1.91	101	1121	0.236	ug/l #	62
8) Diethyl Ether	2.17	74	536	0.320	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	758	0.281	ug/l #	77
10) Methyl Iodide	2.50	142	1172	0.358	ug/l #	92
11) Tert butyl alcohol	3.01	59	921	1.461	ug/l	98
12) 1,1-Dichloroethene	2.37	96	844	0.311	ug/l #	29
13) Acrolein	2.28	56	715	2.068	ug/l #	66
14) Allyl chloride	2.70	41	1448	0.308	ug/l #	78
15) Acrylonitrile	3.12	53	1684	1.102	ug/l	89
16) Acetone	2.42	43	2550	1.910	ug/l	95
17) Carbon Disulfide	2.55	76	2794	0.353	ug/l #	56
18) Methyl Acetate	2.75	43	939	0.285	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	2006	0.218	ug/l #	82
20) Methylene Chloride	2.84	84	1574	0.483	ug/l #	97
21) trans-1,2-Dichloroethene	3.15	96	918	0.296	ug/l #	90
22) Diisopropyl ether	3.82	45	2349	0.262	ug/l #	81
23) Vinyl Acetate	3.78	43	6541	0.830	ug/l	97
25) 2-Butanone	4.64	43	2560	1.207	ug/l	97
28) Bromochloromethane	4.99	49	585	0.241	ug/l #	73
29) Tetrahydrofuran	5.10	42	1638	1.193	ug/l #	40
30) Chloroform	5.18	83	1296	0.229	ug/l	91
31) Cyclohexane	5.54	56	875	0.203	ug/l #	78
32) 1,1,1-Trichloroethane	5.46	97	1251	0.239	ug/l #	38
36) 1,1-Dichloropropene	5.76	75	885	0.207	ug/l	90
38) Carbon Tetrachloride	5.75	117	1047	0.209	ug/l	92
39) Methylcyclohexane	7.43	83	1084	0.234	ug/l #	67
40) Benzene	6.11	78	2643	0.215	ug/l #	88
41) Methacrylonitrile	5.01	41	657	0.277	ug/l #	62
42) 1,2-Dichloroethane	6.16	62	1353	0.283	ug/l	78
43) Isopropyl Acetate	6.40	43	1562	0.221	ug/l #	92

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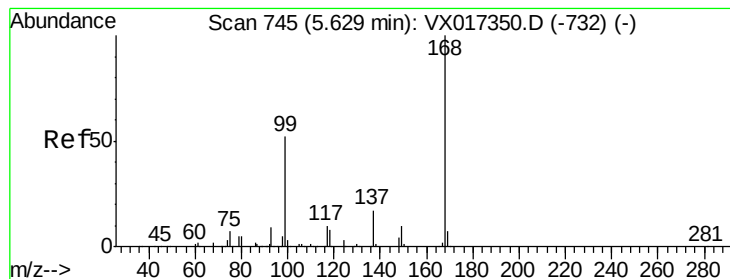
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Trichloroethene	7.20	130	907	0.242	ug/l	78
45) 1,2-Dichloropropane	7.49	63	640	0.204	ug/l #	87
46) Dibromomethane	7.65	93	549	0.242	ug/l	96
49) 1,4-Dioxane	7.71	88	144	2.076	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	3238	0.752	ug/l	91
53) t-1,3-Dichloropropene	9.02	75	1110	0.217	ug/l	96
55) 1,1,2-Trichloroethane	9.19	97	863	0.263	ug/l #	82
57) 1,3-Dichloropropane	9.35	76	1201	0.220	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.29	63	2107	0.889	ug/l	97
59) 2-Hexanone	9.48	43	2809	0.864	ug/l	81
61) 1,2-Dibromoethane	9.65	107	720	0.201	ug/l	92
64) Tetrachloroethene	9.31	164	856	0.232	ug/l #	86
65) Chlorobenzene	10.12	112	1880	0.217	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.21	131	915	0.265	ug/l #	68
68) m/p-Xylenes	10.34	106	1857	0.338	ug/l	95
71) Bromoform	10.85	173	585	0.201	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	913	0.224	ug/l #	76
76) 1,2,3-Trichloropropane	11.12	75	95141	24.077	ug/l #	37
77) Bromobenzene	11.24	156	1036	0.271	ug/l	92
79) 2-Chlorotoluene	11.40	91	2002	0.216	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.12	75	95141	61.078	ug/l #	11
82) 4-Chlorotoluene	11.49	91	2254	0.205	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	1810	0.265	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	1810	0.262	ug/l	98
90) Hexachloroethane	12.58	117	498	0.215	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	1502	0.234	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	274	0.255	ug/l	82
93) 1,2,4-Trichlorobenzene	13.63	180	1179	0.265	ug/l	98
94) Hexachlorobutadiene	13.77	225	571	0.314	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	1049	0.244	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017367.D

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Instrument :

MSVOA_X

ClientSampleId :

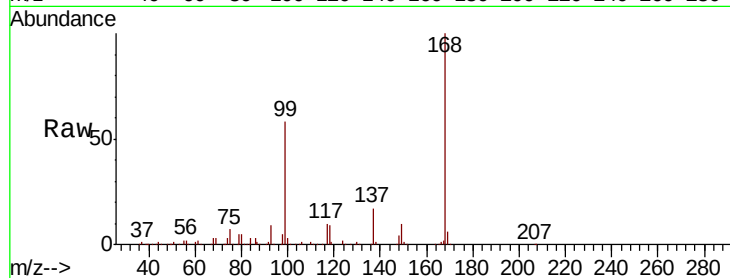
MDL-WATER-03-QT3-2020

Tot Ion:168 Resp: 298201

Ion Ratio Lower Upper

168 100

99 57.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

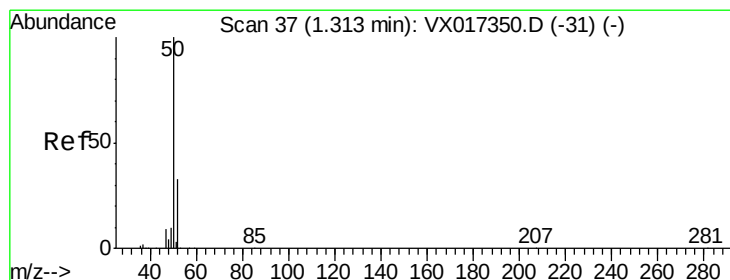
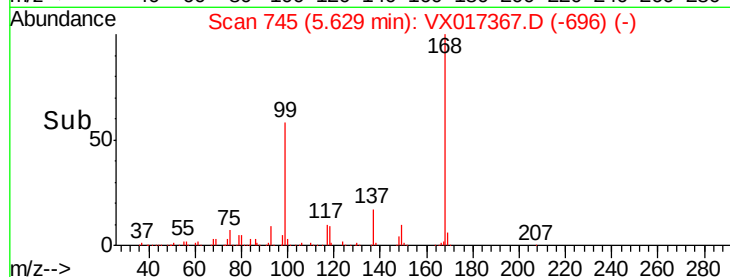
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.293 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017367.D

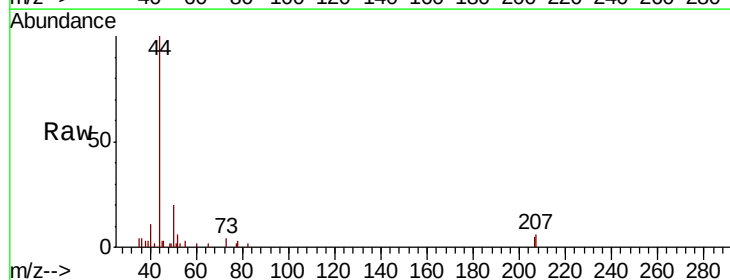
Acq: 14 Jul 2020 10:41

Tgt Ion: 50 Resp: 832

Ion Ratio Lower Upper

50 100

52 28.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

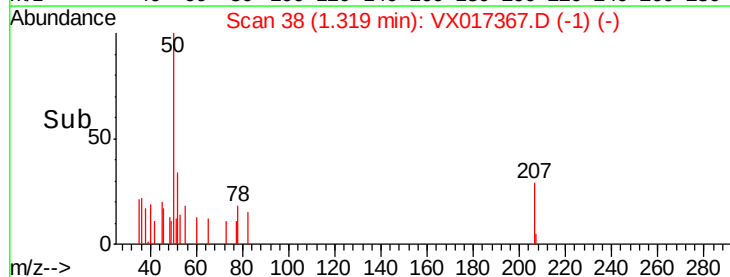
600

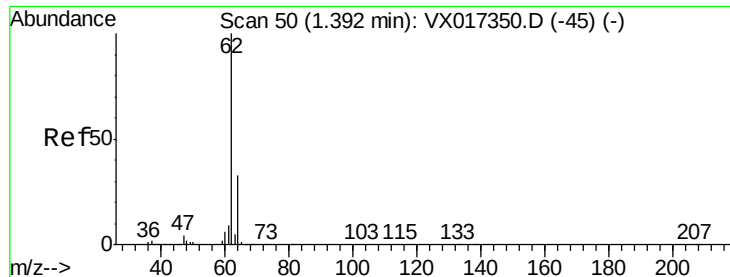
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.239 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

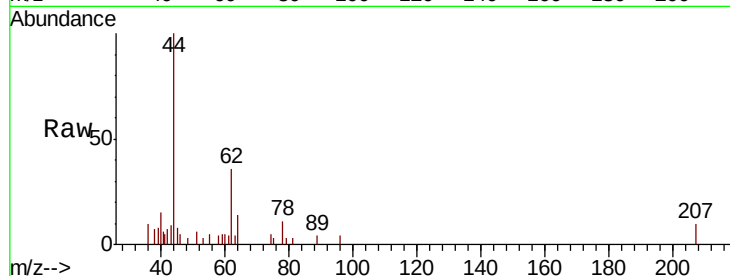
MDL-WATER-03-QT3-2020

Tot Ion: 62 Resp: 673

Ion Ratio Lower Upper

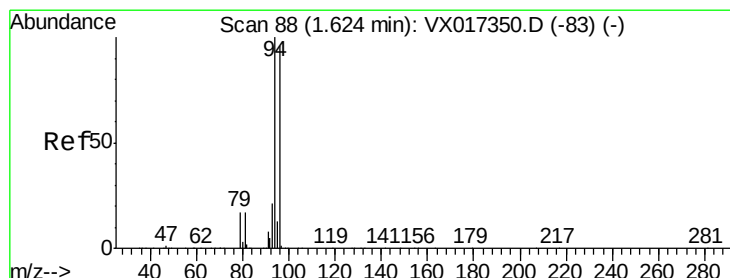
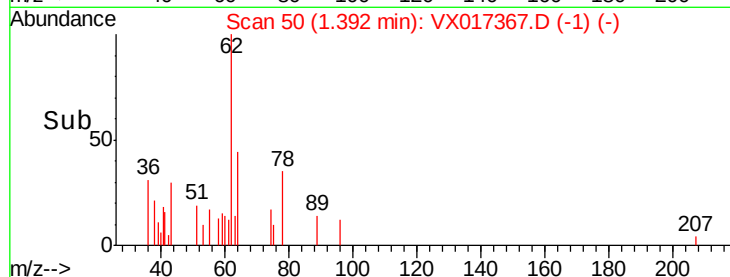
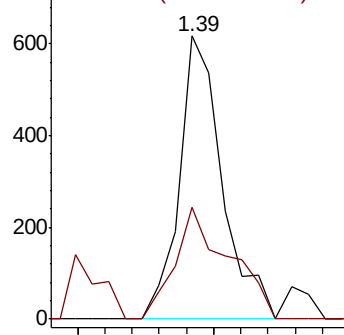
62 100

64 39.2 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: 0.580 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017367.D

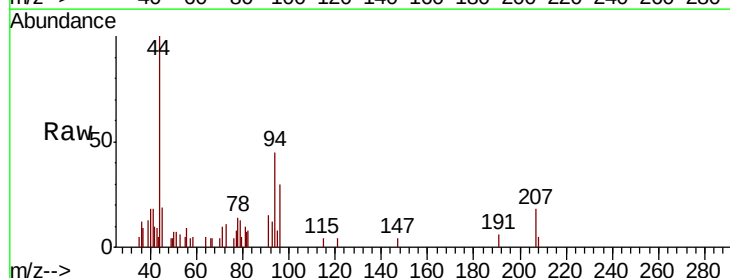
Acq: 14 Jul 2020 10:41

Tgt Ion: 94 Resp: 1061

Ion Ratio Lower Upper

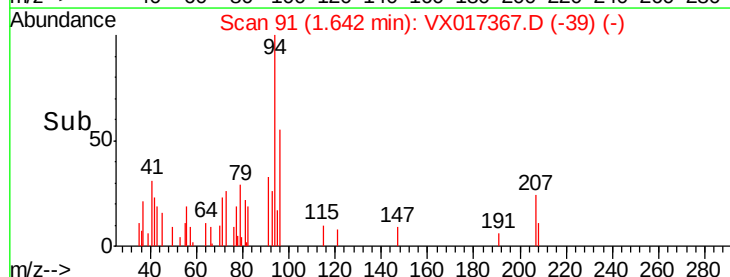
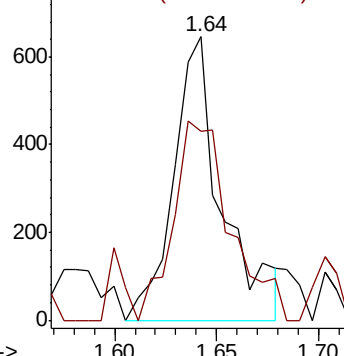
94 100

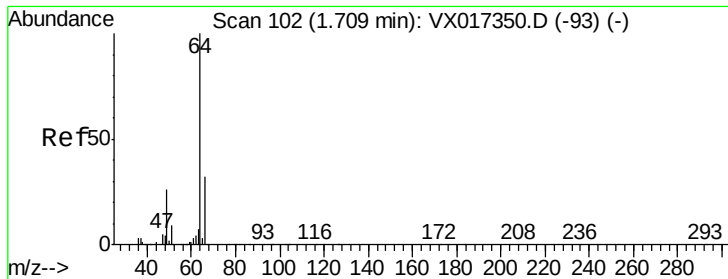
96 55.3 76.6 115.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.252 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

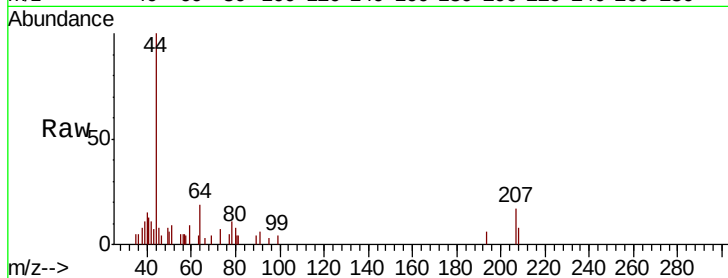
MDL-WATER-03-QT3-2020

Tot Ion: 64 Resp: 447

Ion Ratio Lower Upper

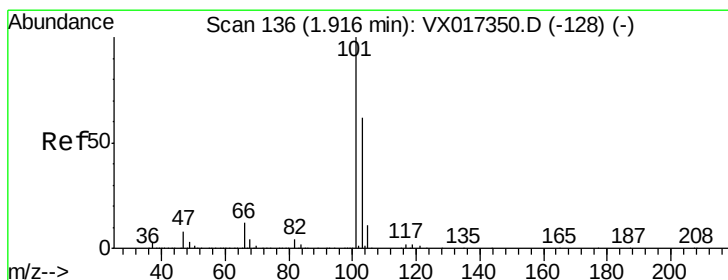
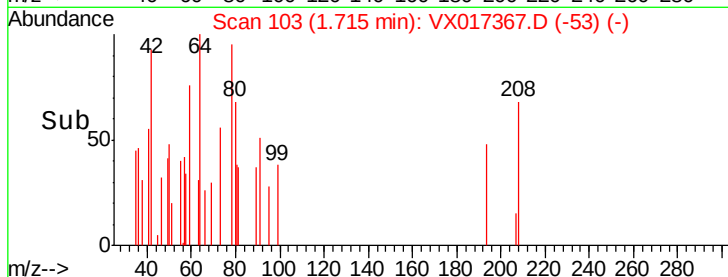
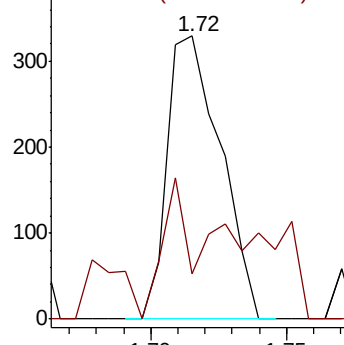
64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#7

Trichlorofluoromethane

Concen: 0.236 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX017367.D

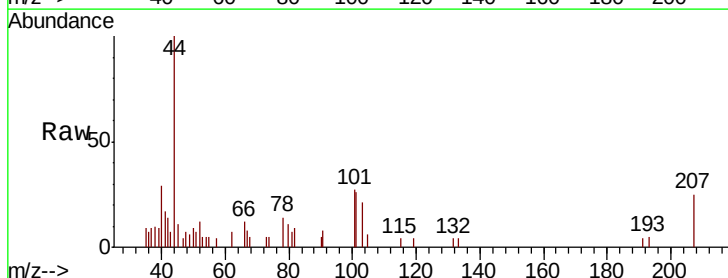
Acq: 14 Jul 2020 10:41

Tgt Ion: 101 Resp: 1121

Ion Ratio Lower Upper

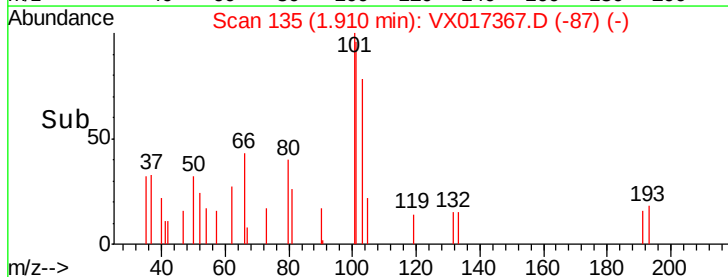
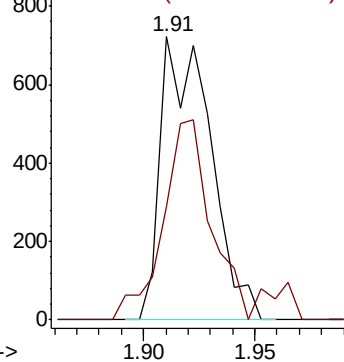
101 100

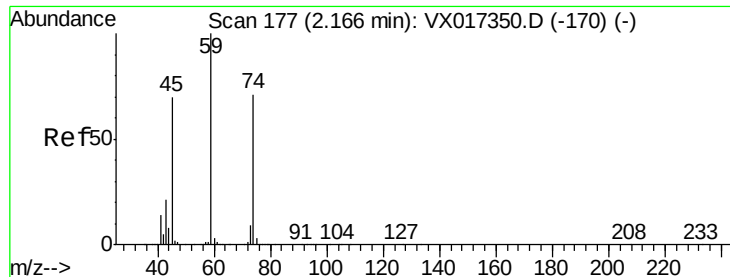
103 32.7 49.6 74.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 0.320 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

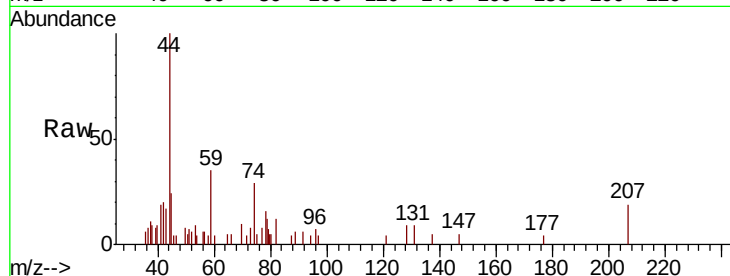
MDL-WATER-03-QT3-2020

Tot Ion: 74 Resp: 536

Ion Ratio Lower Upper

74 100

45 90.3 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

400

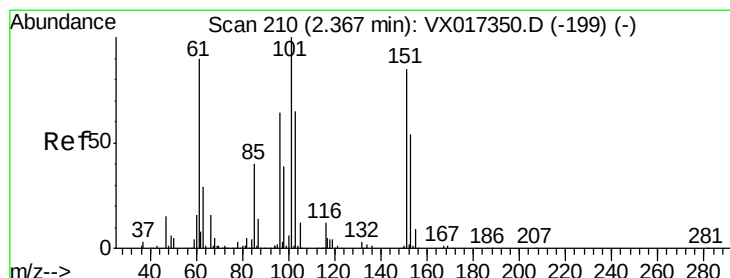
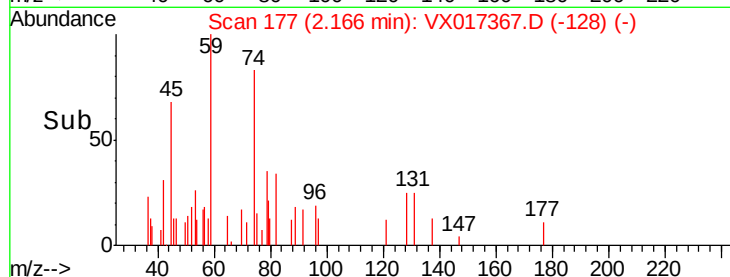
300

200

100

0

Time--> 2.10 2.15 2.20



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.281 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

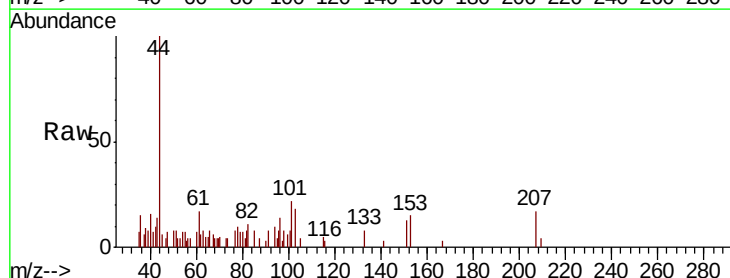
Tgt Ion: 101 Resp: 758

Ion Ratio Lower Upper

101 100

85 28.9 33.7 50.5#

151 61.1 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

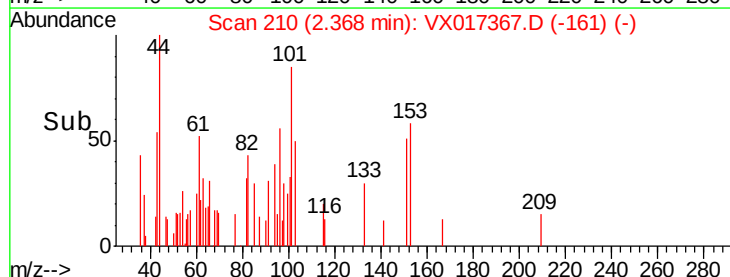
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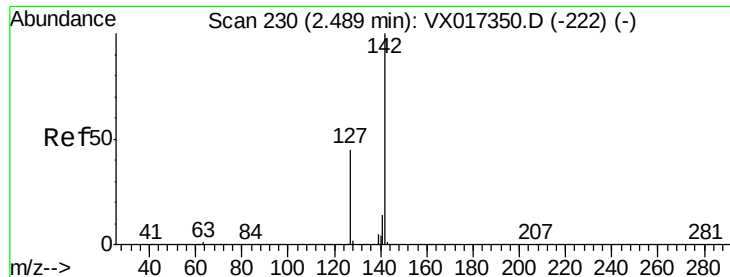
400

200

0

Time--> 2.30 2.35 2.40

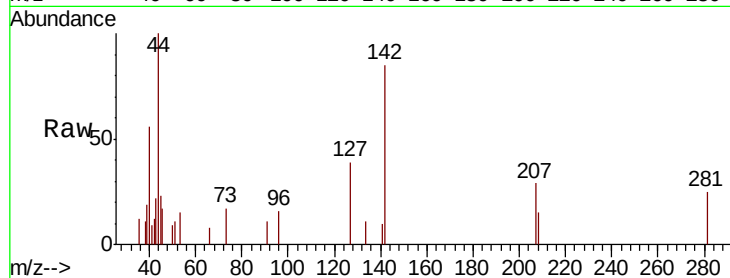




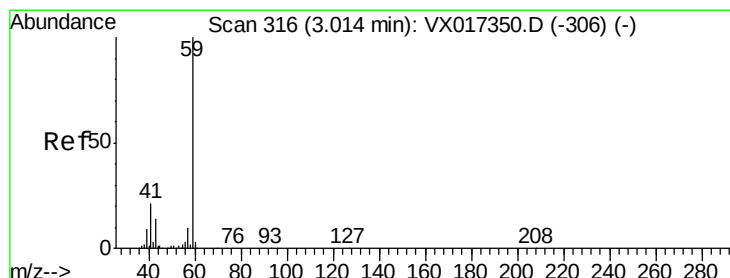
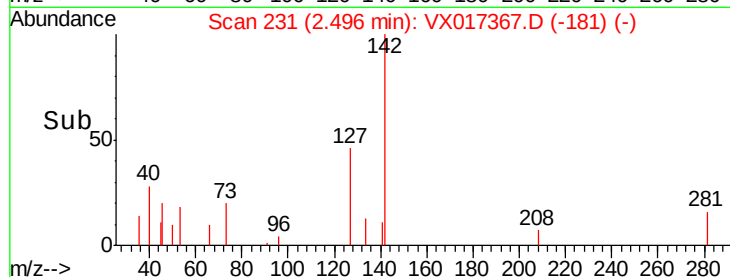
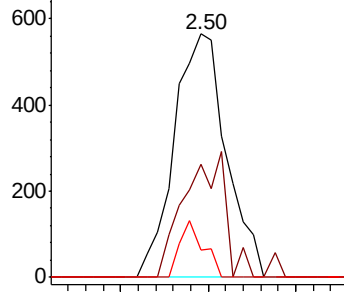
#10
Methyl Iodide
Concen: 0.358 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:142 Resp: 1172
Ion Ratio Lower Upper
142 100
127 40.5 36.8 55.2
141 10.7 11.4 17.0#

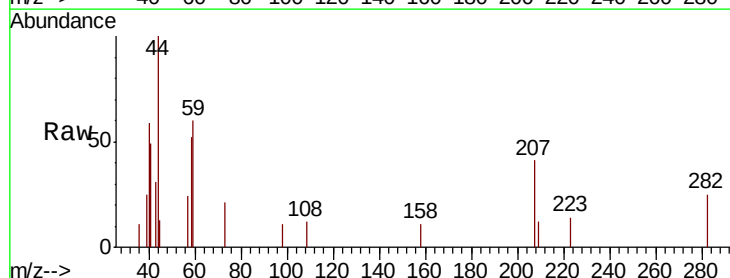


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

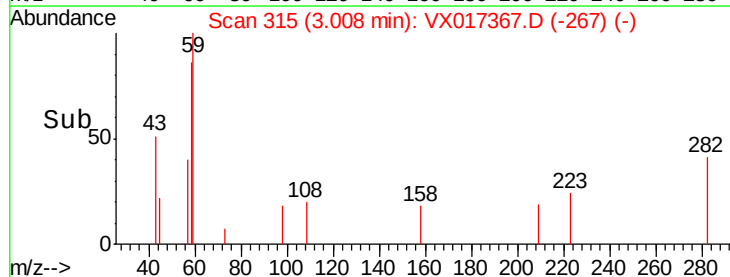
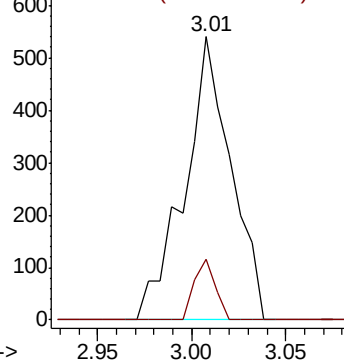


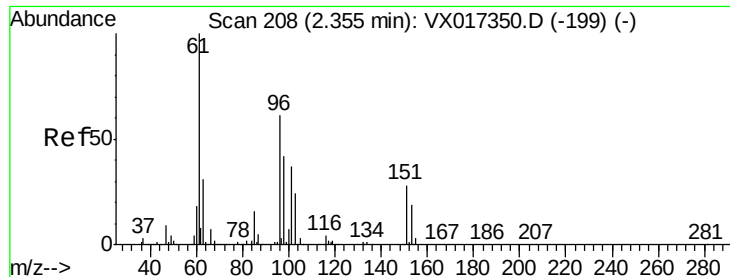
#11
Tert butyl alcohol
Concen: 1.461 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 59 Resp: 921
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.311 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

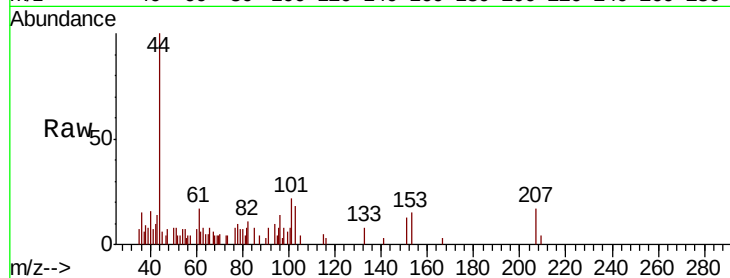
Tot Ion: 96 Resp: 844

Ion Ratio Lower Upper

96 100

61 53.5 131.5 197.3#

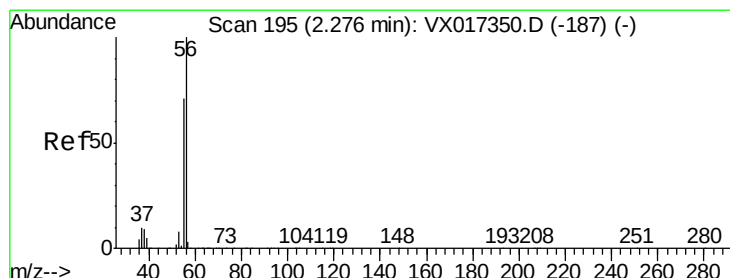
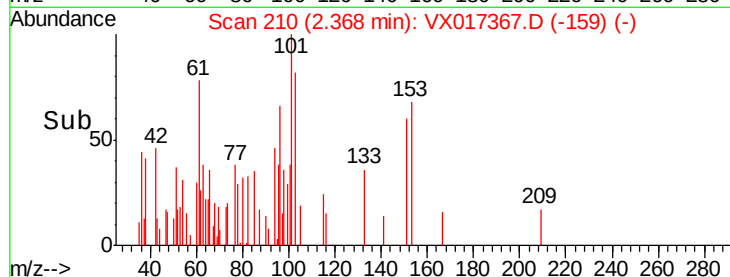
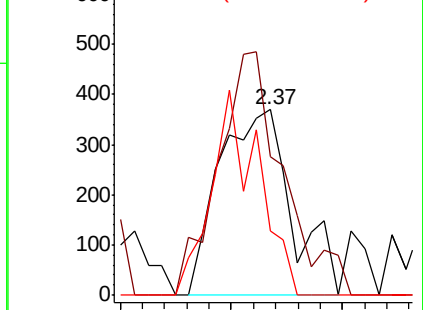
98 34.3 55.1 82.7#



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



#13

Acrolein

Concen: 2.068 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017367.D

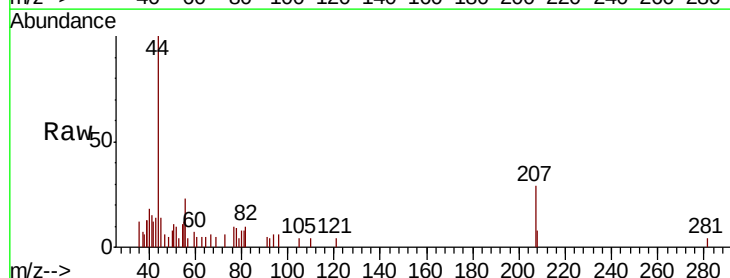
Acq: 14 Jul 2020 10:41

Tgt Ion: 56 Resp: 715

Ion Ratio Lower Upper

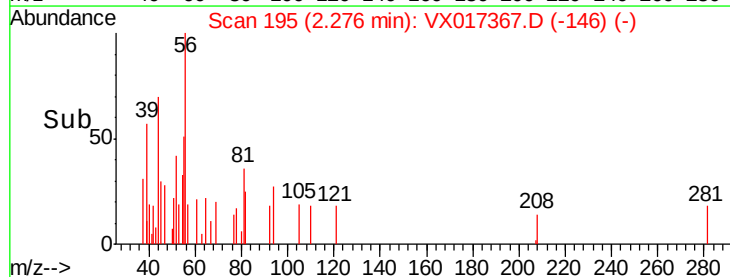
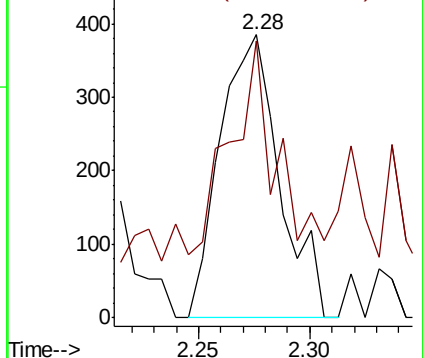
56 100

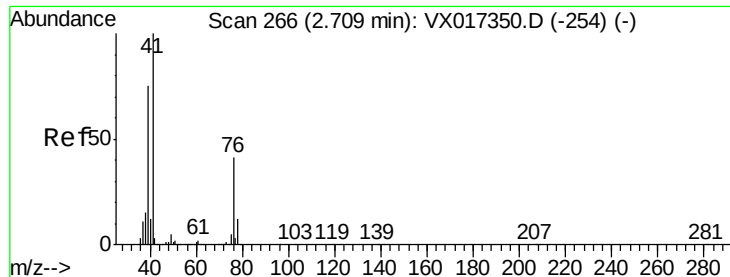
55 100.0 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

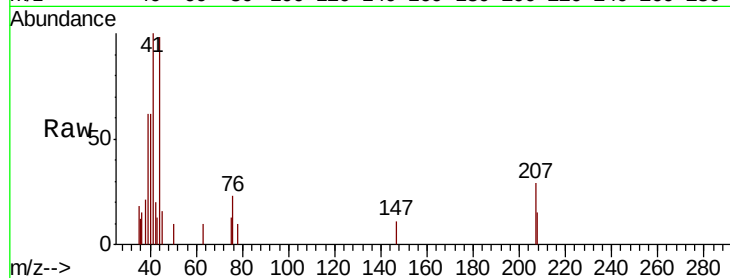




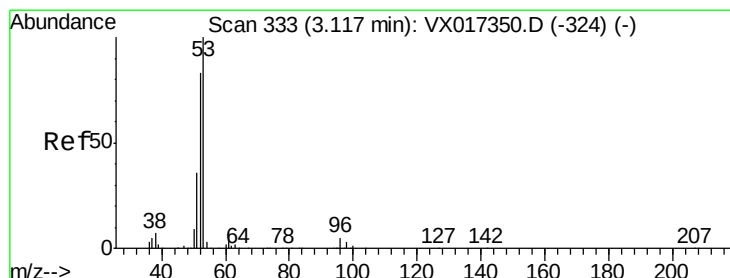
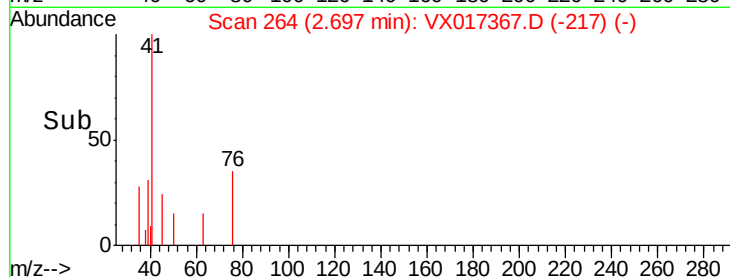
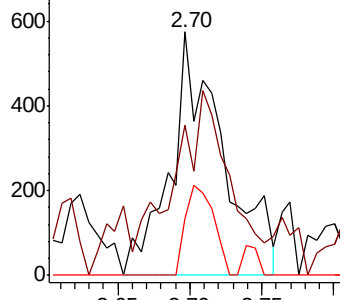
#14
Allvl chloride
Concen: 0.308 ug/l
RT: 2.70 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion: 41 Resp: 1448
Ion Ratio Lower Upper
41 100
39 81.7 53.0 79.4#
76 19.6 28.2 42.2#

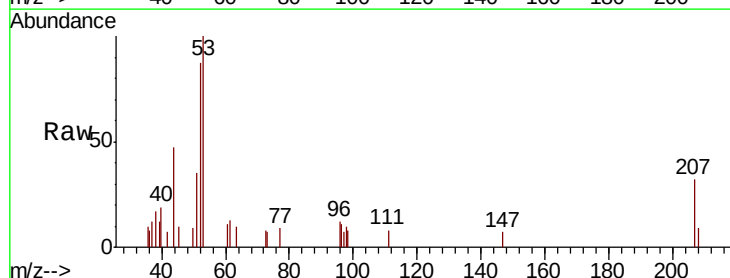


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

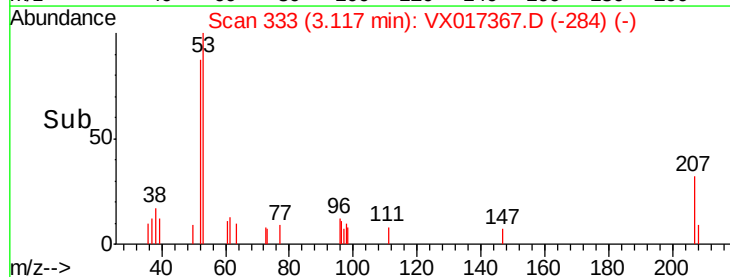
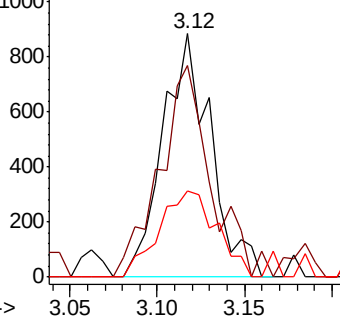


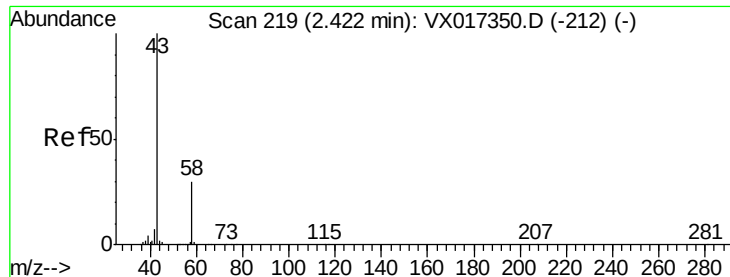
#15
Acrylonitrile
Concen: 1.102 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 53 Resp: 1684
Ion Ratio Lower Upper
53 100
52 92.5 65.8 98.6
51 42.3 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.910 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

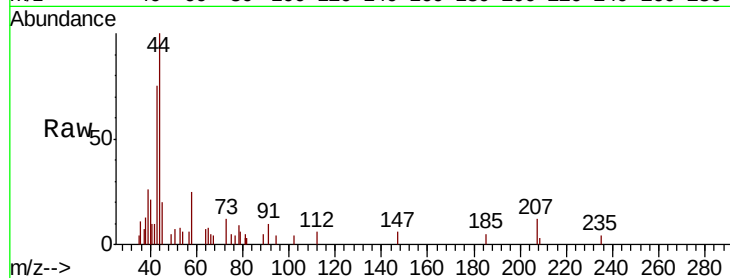
MDL-WATER-03-QT3-2020

Tot Ion: 43 Resp: 2550

Ion Ratio Lower Upper

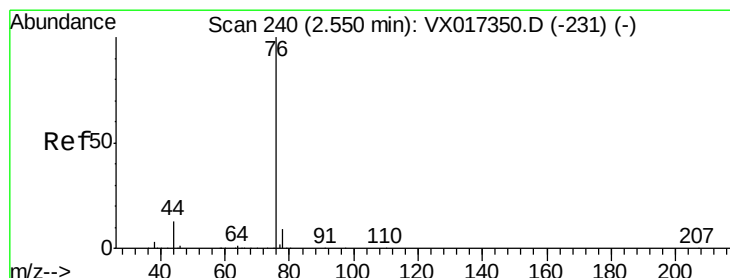
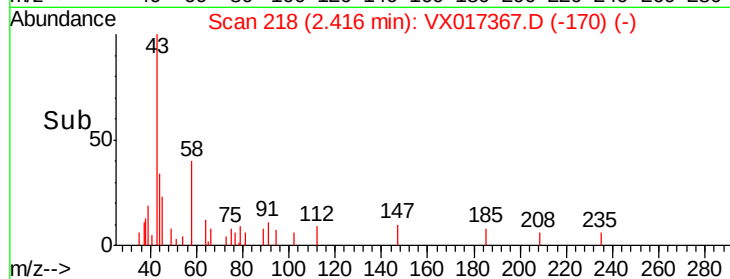
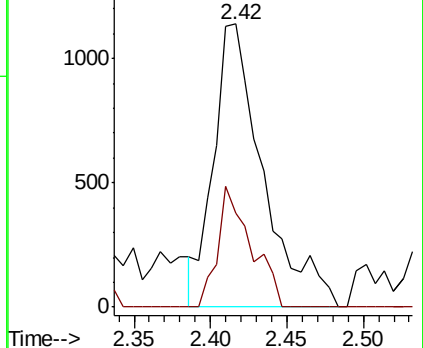
43 100

58 33.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.353 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017367.D

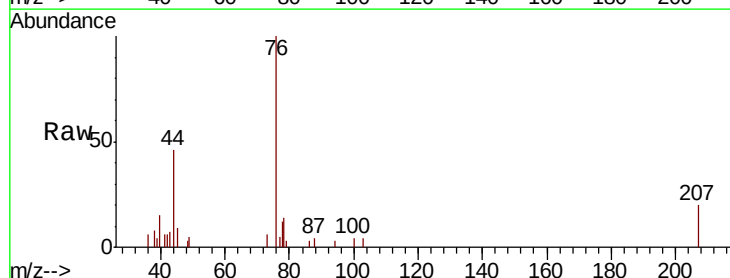
Acq: 14 Jul 2020 10:41

Tgt Ion: 76 Resp: 2794

Ion Ratio Lower Upper

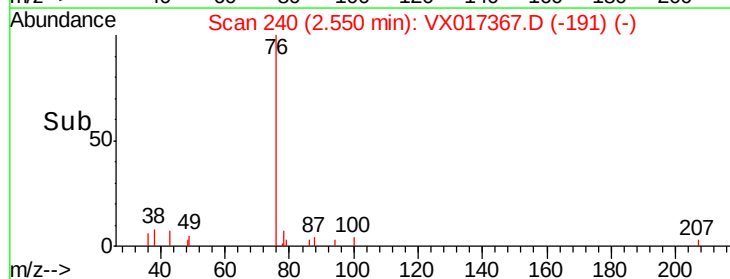
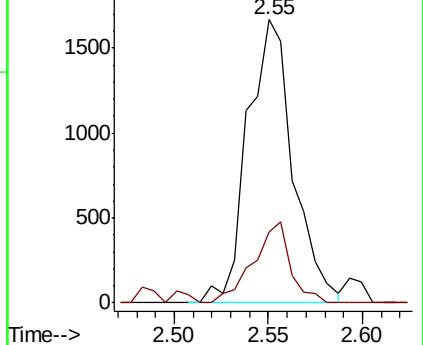
76 100

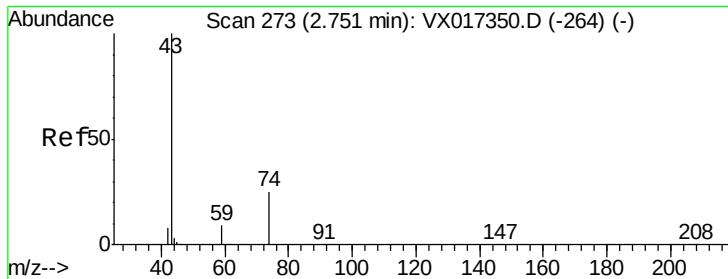
78 25.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

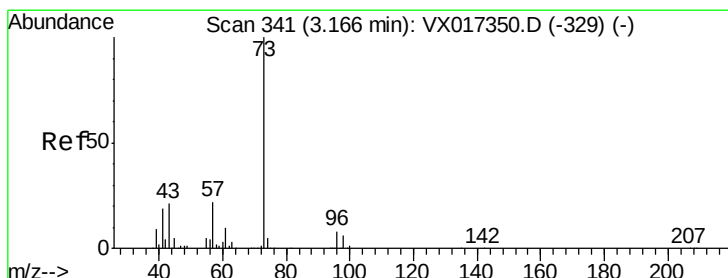
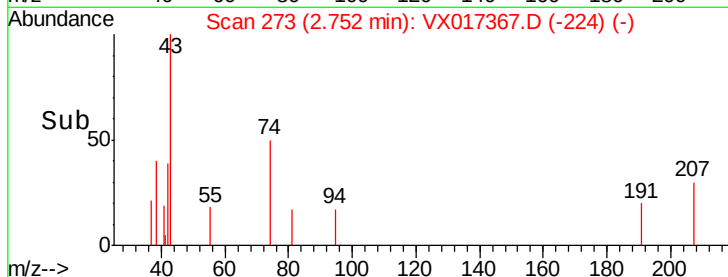
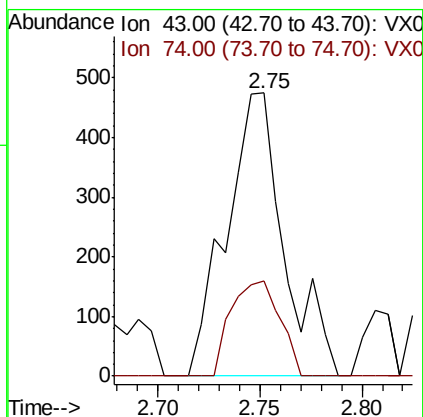
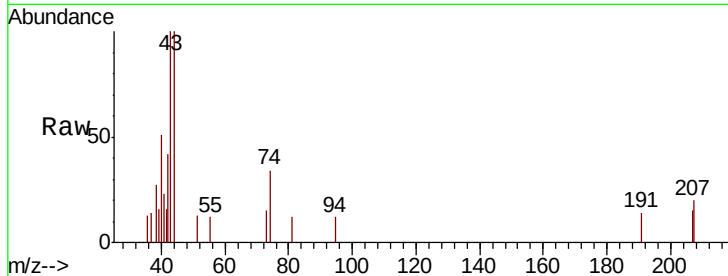




#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

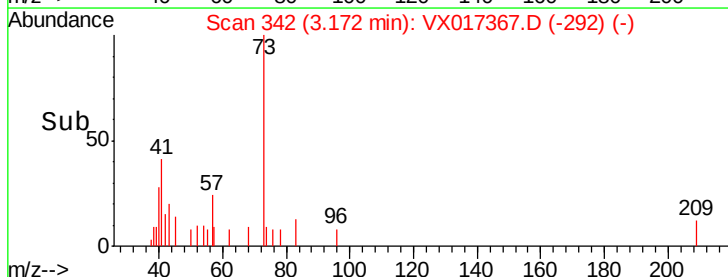
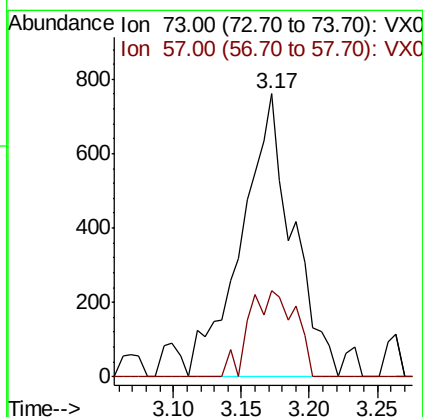
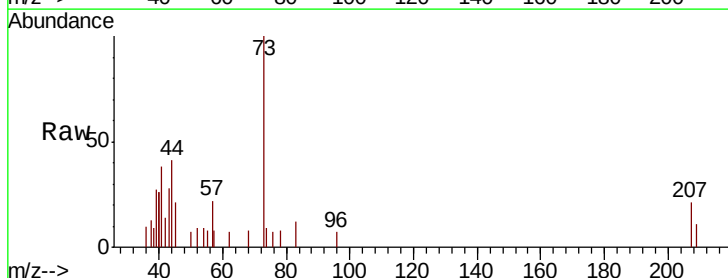
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

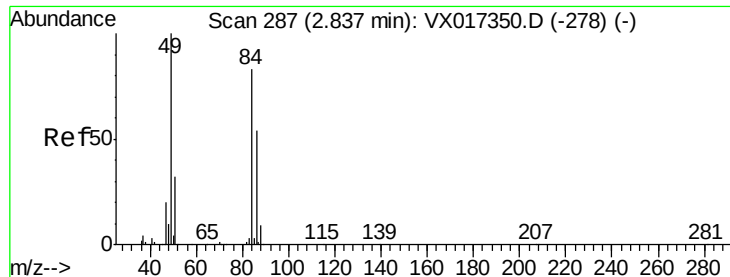
Tot Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
74 28.3 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 0.218 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 73 Resp: 2006
Ion Ratio Lower Upper
73 100
57 30.4 17.5 26.3#

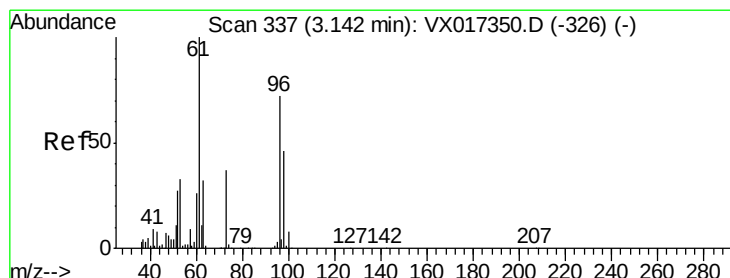
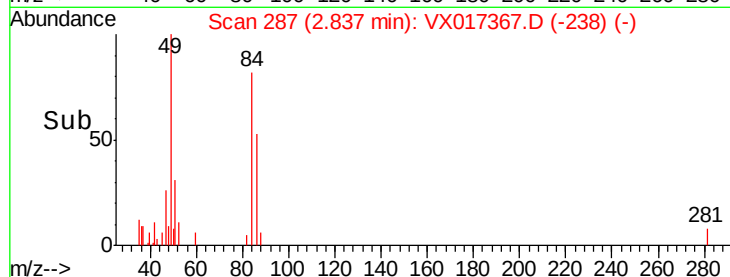
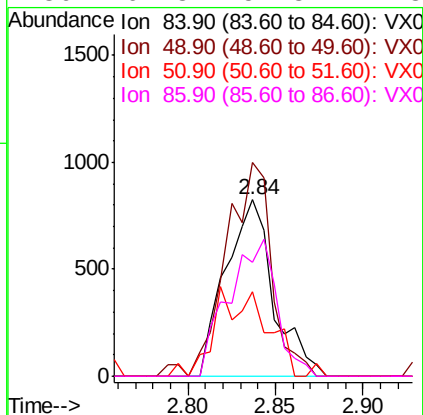
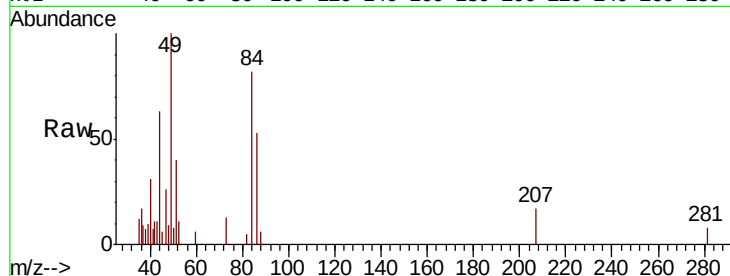




#20
Methylene Chloride
Concen: 0.483 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

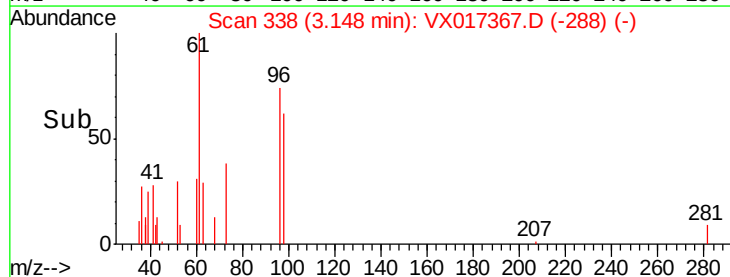
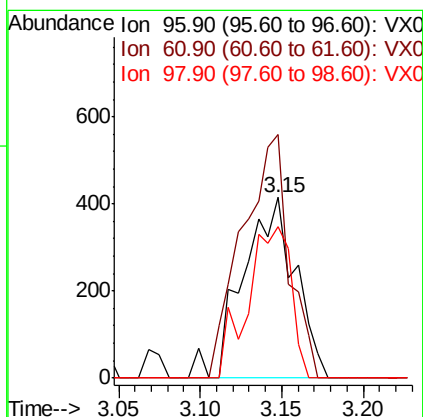
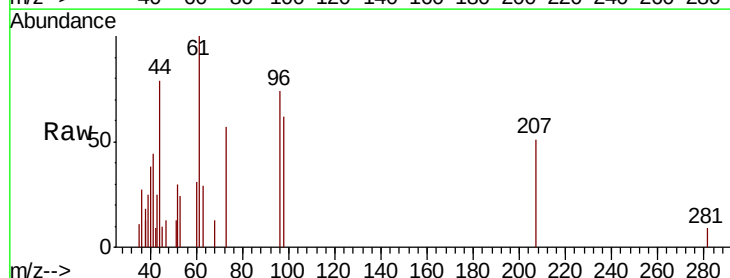
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

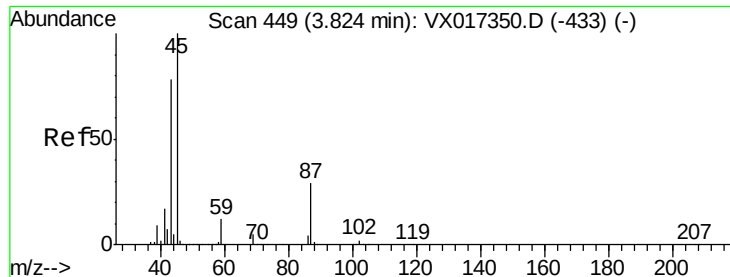
Tot Ion: 84 Resp: 1574
Ion Ratio Lower Upper
84 100
49 121.2 95.8 143.8
51 47.9 31.0 46.4#
86 64.8 51.8 77.8



#21
trans-1,2-Dichloroethene
Concen: 0.296 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 96 Resp: 918
Ion Ratio Lower Upper
96 100
61 134.7 111.1 166.7
98 83.6 51.4 77.0#





#22

Diisopropyl ether

Concen: 0.262 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion: 45 Resp: 2349

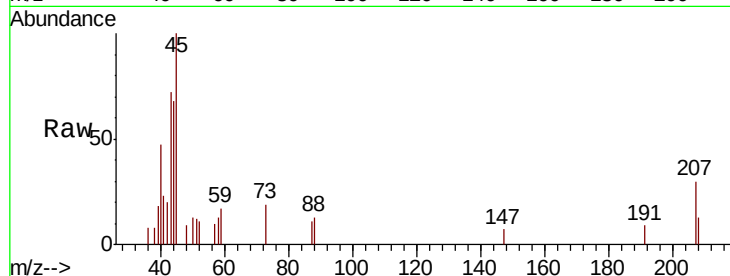
Ion Ratio Lower Upper

45 100

43 64.5 62.2 93.2

87 11.3 23.0 34.6#

59 17.4 9.6 14.4#

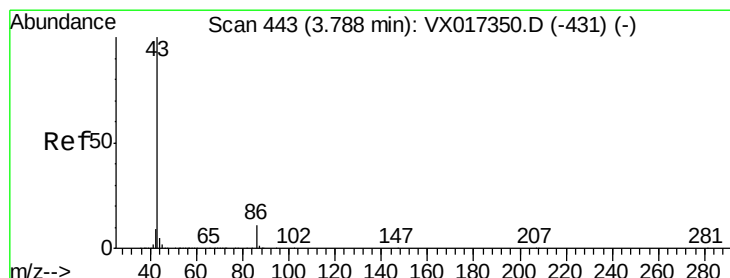
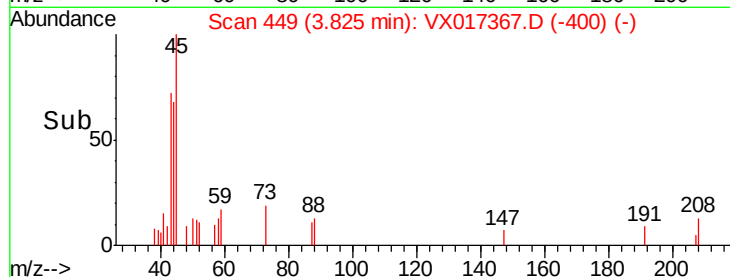
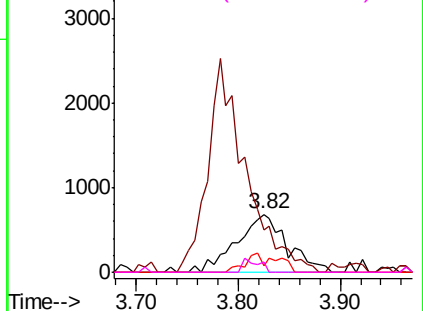


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 0.830 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017367.D

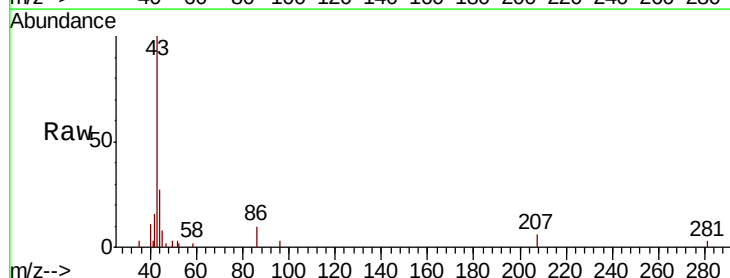
Acq: 14 Jul 2020 10:41

Tgt Ion: 43 Resp: 6541

Ion Ratio Lower Upper

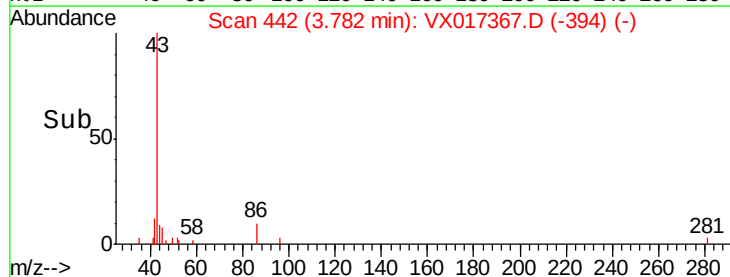
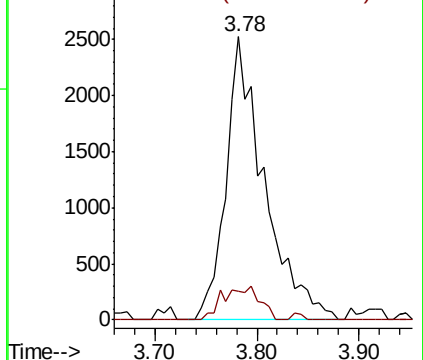
43 100

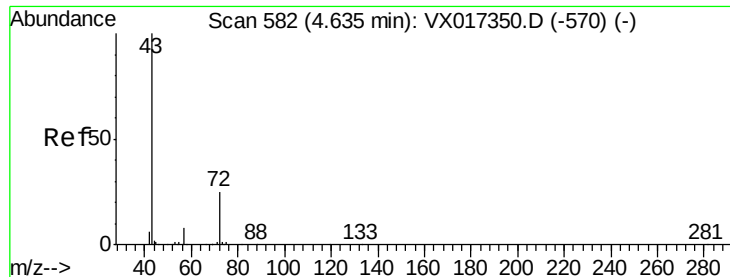
86 10.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 1.207 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

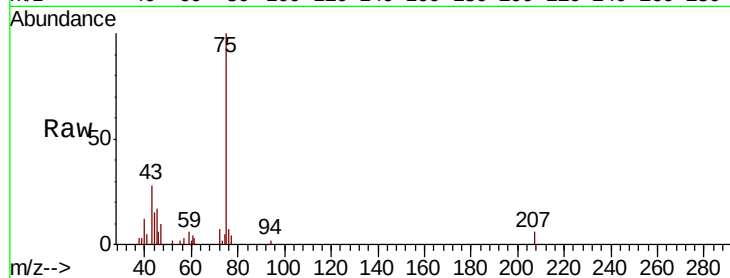
MDL-WATER-03-QT3-2020

Tot Ion: 43 Resp: 2560

Ion Ratio Lower Upper

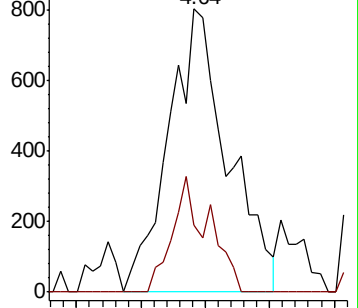
43 100

72 23.9 20.4 30.6

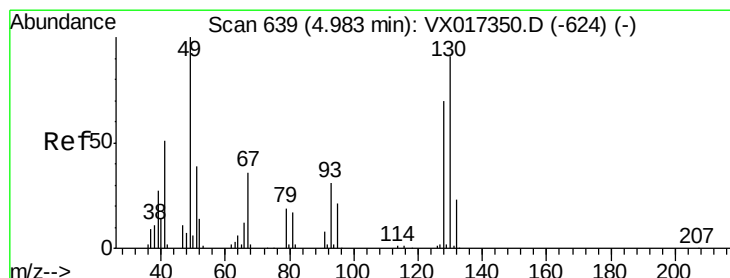
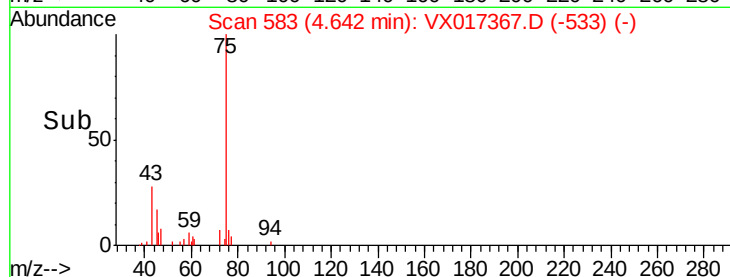


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#28

Bromochloromethane

Concen: 0.241 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

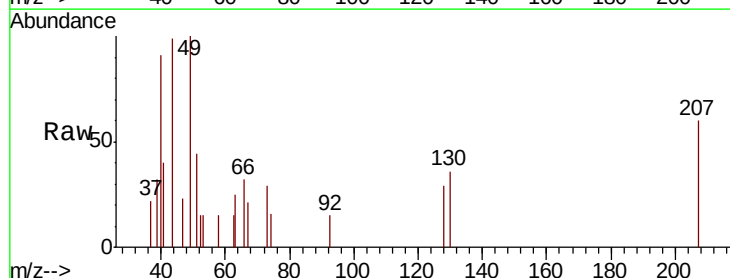
Tgt Ion: 49 Resp: 585

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

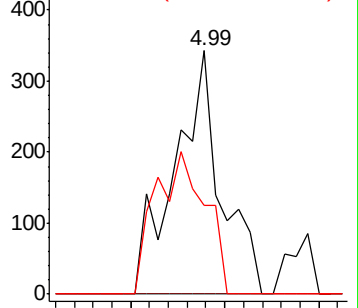
130 63.1 71.1 106.7#



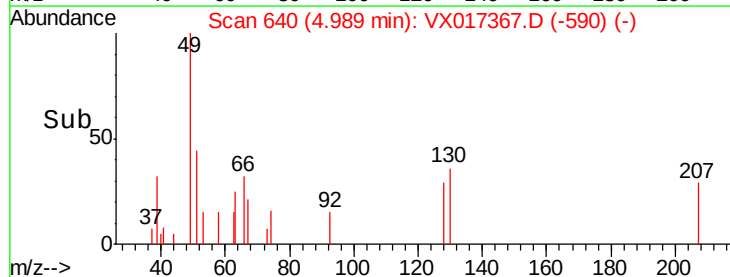
Abundance Ion 48.90 (48.60 to 49.60): VX0

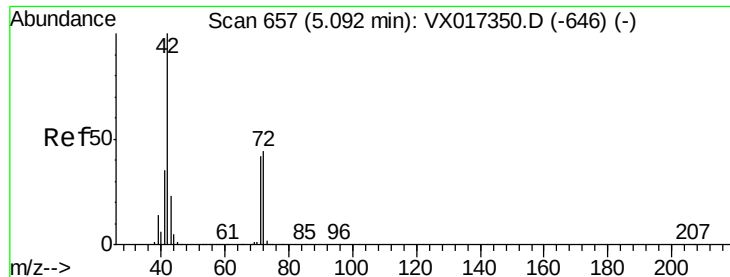
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

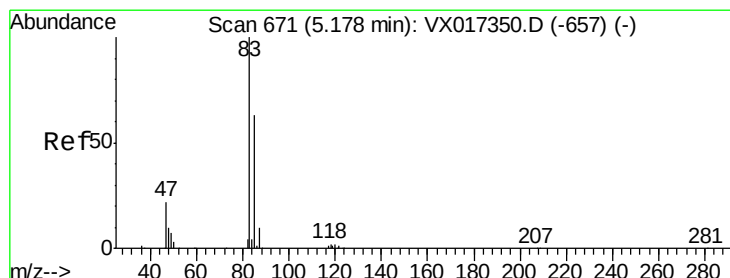
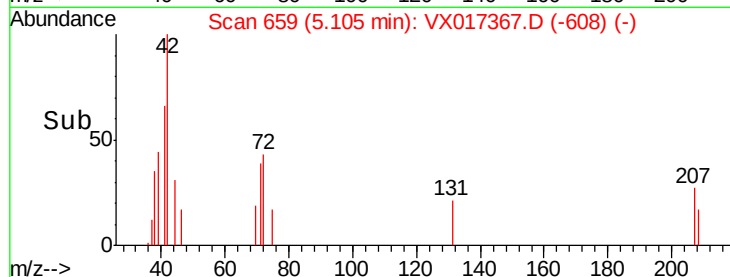
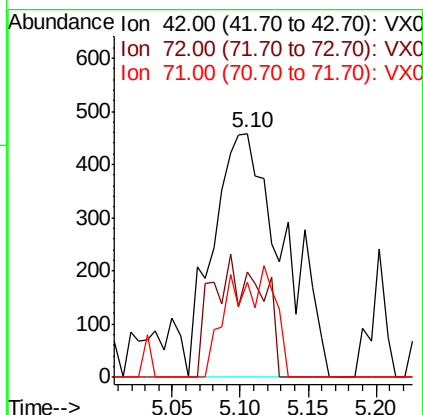
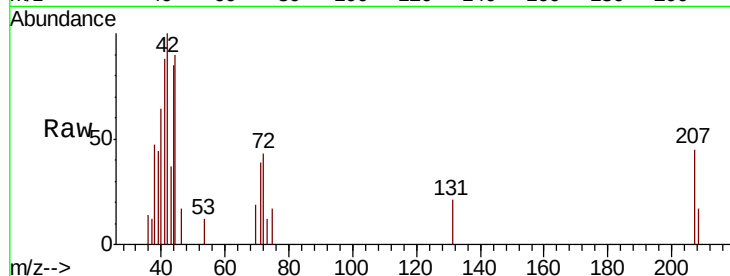




#29
Tetrahydrofuran
Concen: 1.193 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

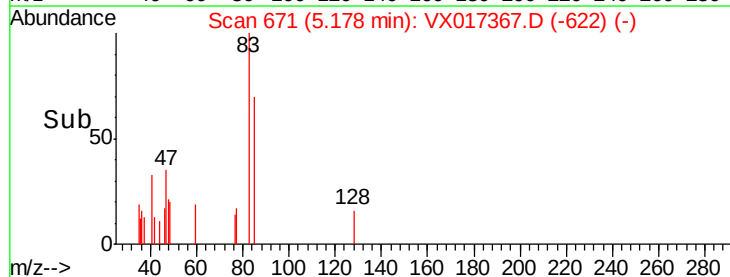
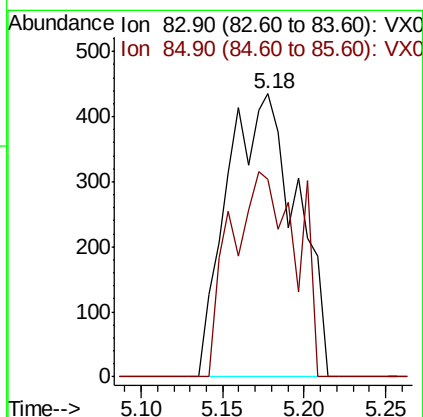
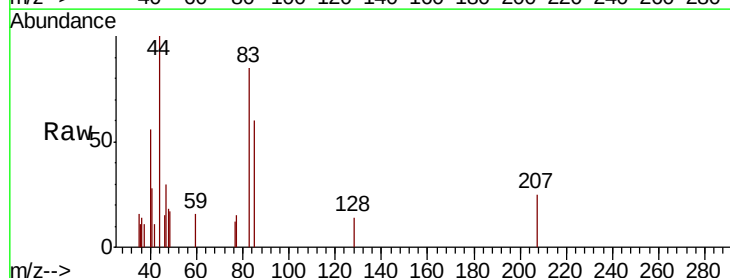
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

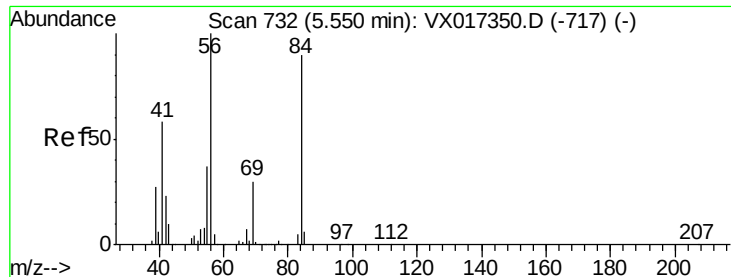
Tot Ion: 42 Resp: 1638
Ion Ratio Lower Upper
42 100
72 0.0 37.2 55.8#
71 11.4 34.4 51.6#



#30
Chloroform
Concen: 0.229 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 83 Resp: 1296
Ion Ratio Lower Upper
83 100
85 69.9 50.2 75.4

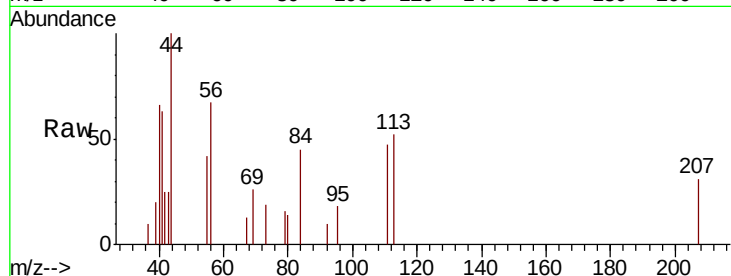




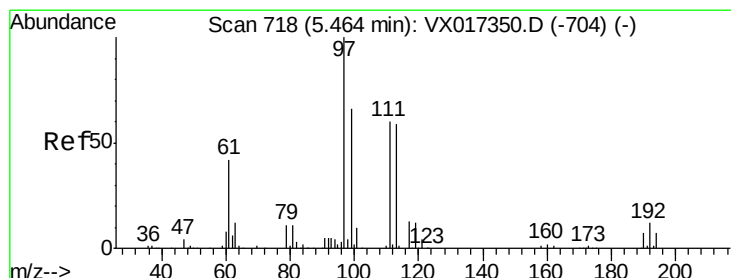
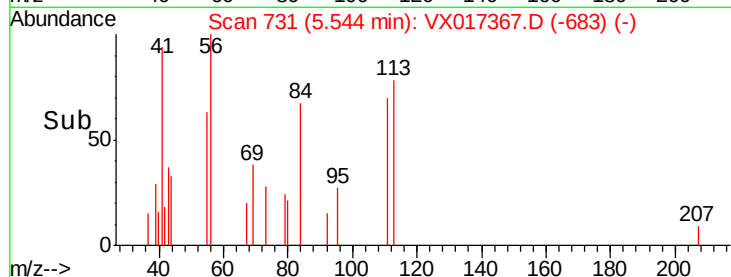
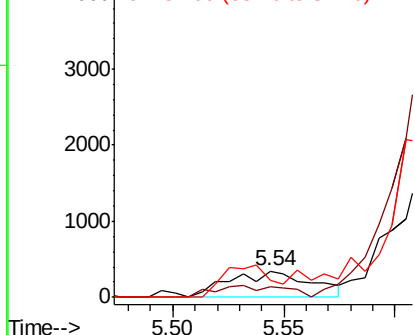
#31
Cyclohexane
Concen: 0.203 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion: 56 Resp: 875
Ion Ratio Lower Upper
56 100
69 38.3 23.7 35.5#
84 66.9 71.8 107.6#

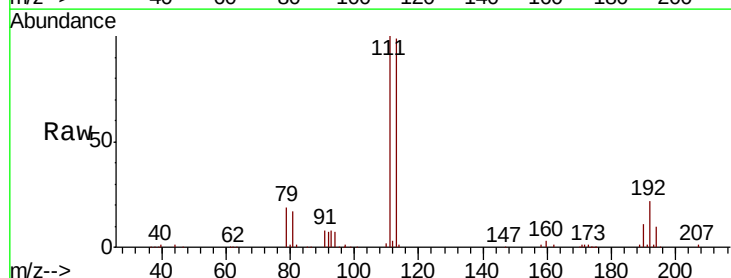


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

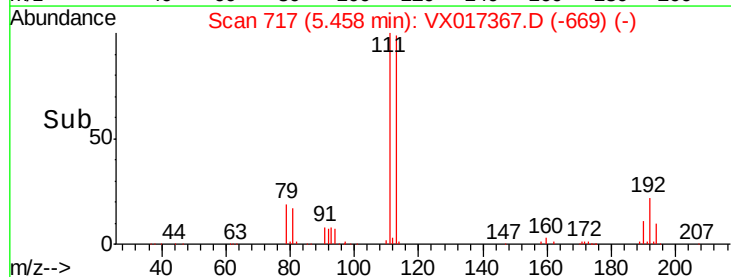
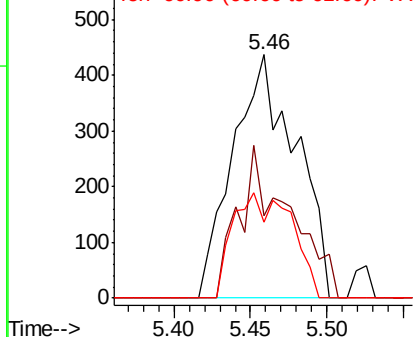


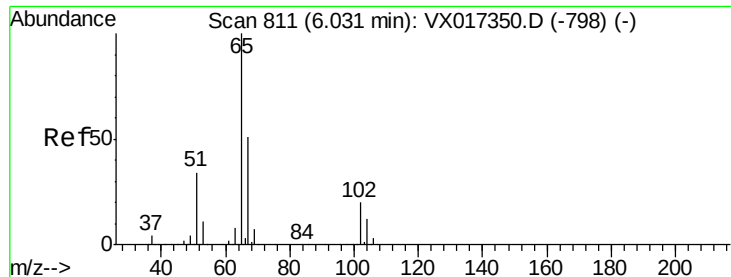
#32
1,1,1-Trichloroethane
Concen: 0.239 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 97 Resp: 1251
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 21.5 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

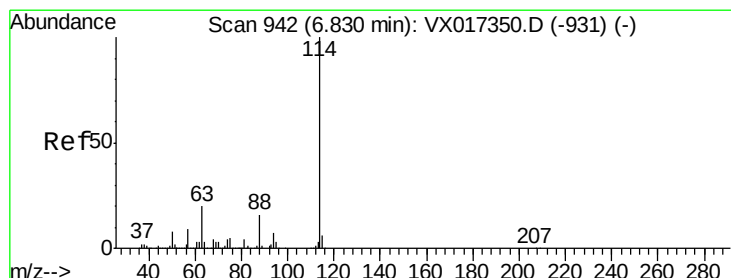
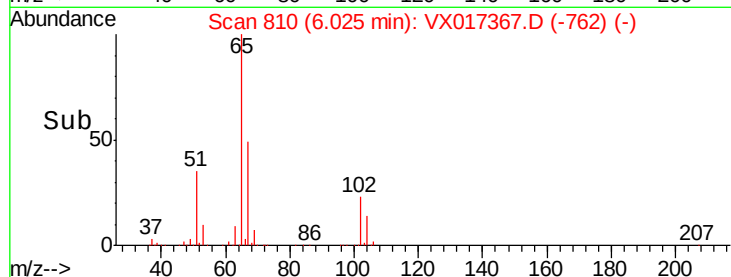
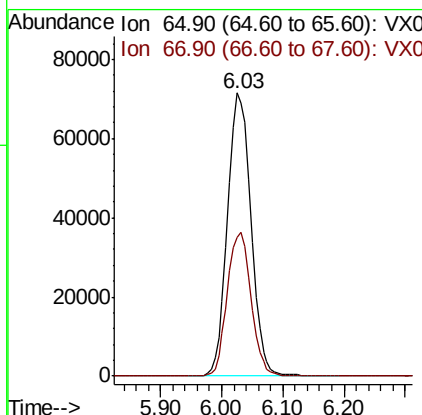
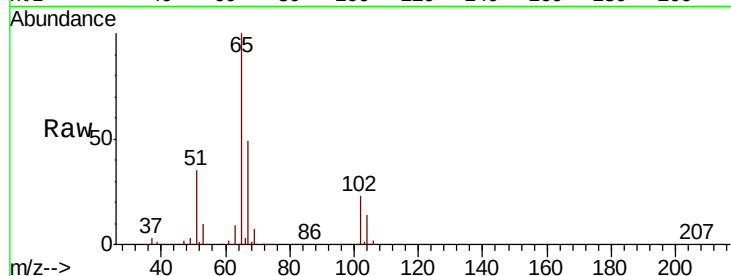




#33
 1,2-Dichloroethane-d4
 Concen: 50.595 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

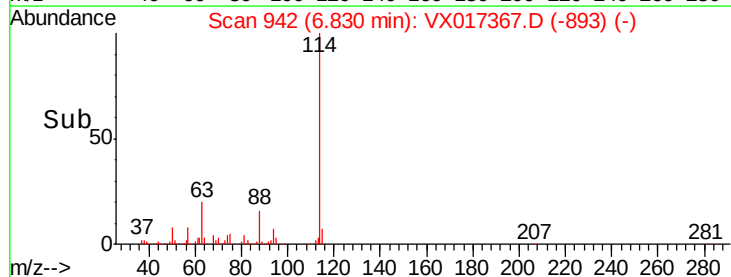
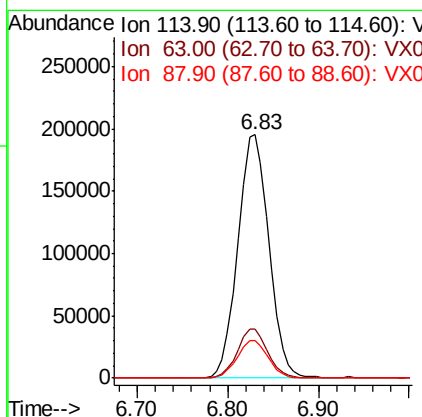
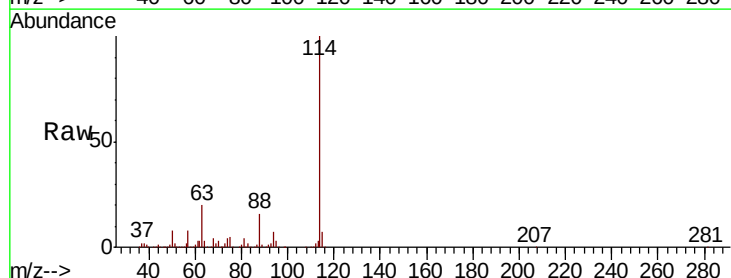
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

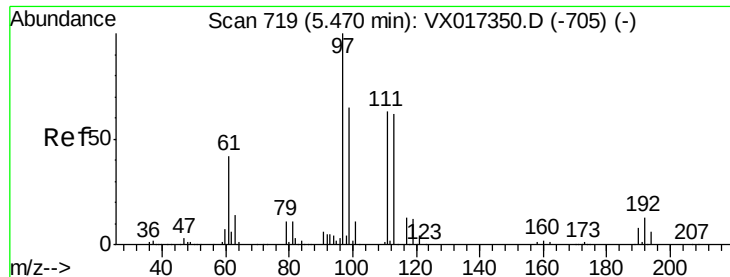
Tot Ion: 65 Resp: 189361
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

Tgt Ion: 114 Resp: 464708
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.362 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

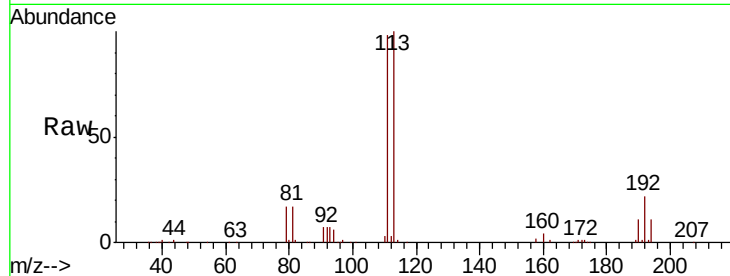
Tot Ion:113 Resp: 154522

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

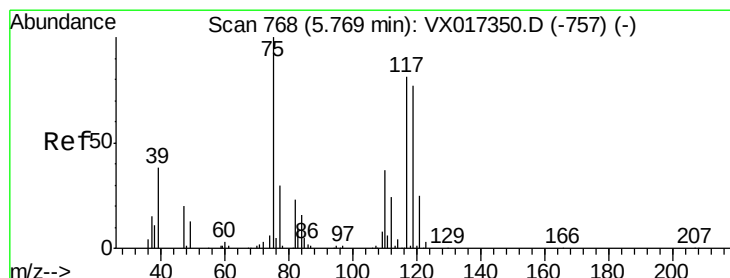
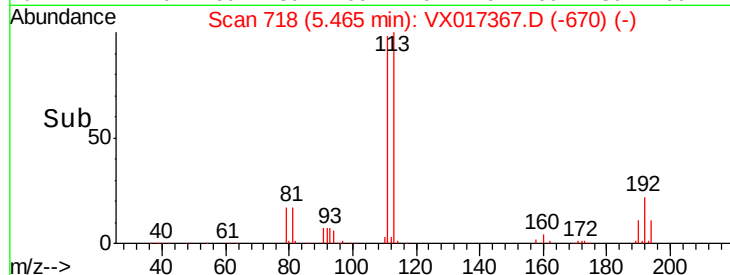
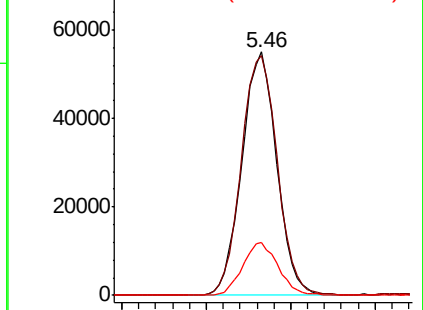
192 22.0 17.2 25.8



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: 0.207 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

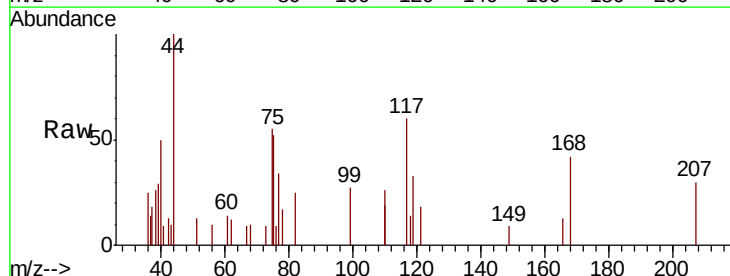
Tgt Ion: 75 Resp: 885

Ion Ratio Lower Upper

75 100

110 45.0 18.6 55.8

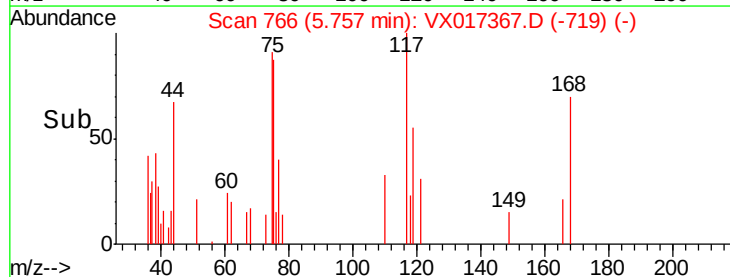
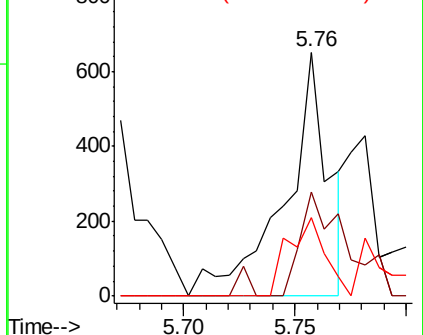
77 27.1 24.9 37.3

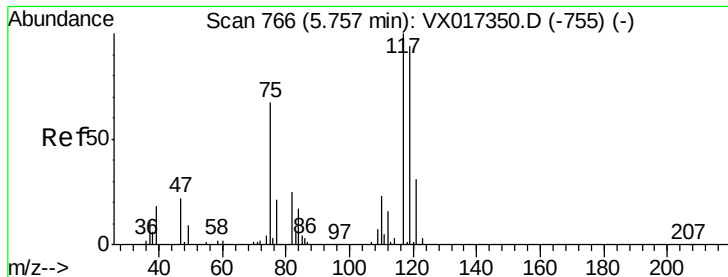


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 0.209 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

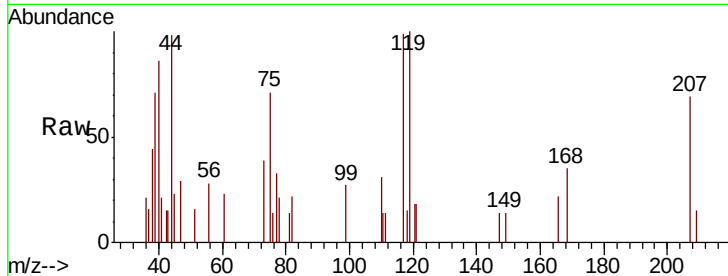
Tot Ion:117 Resp: 1047

Ion Ratio Lower Upper

117 100

119 100.5 74.7 112.1

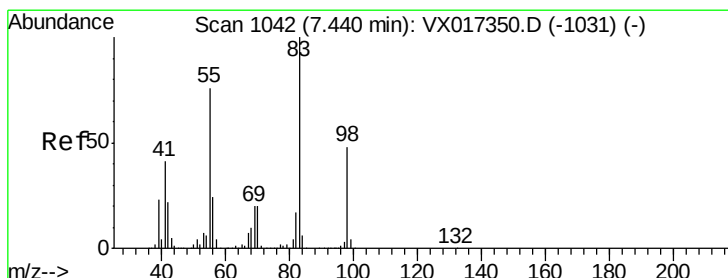
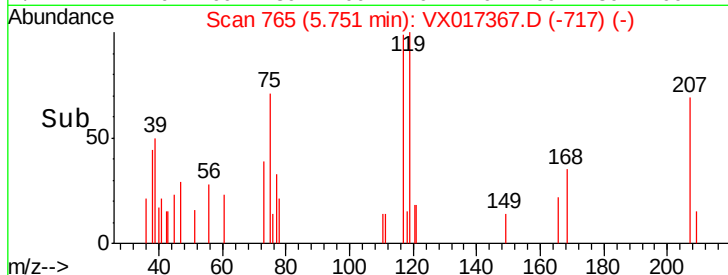
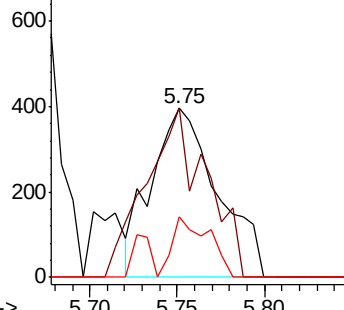
121 36.1 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.234 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

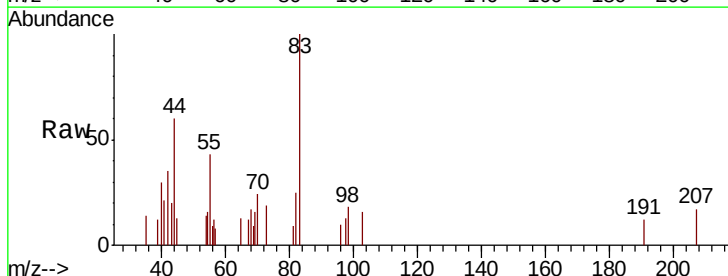
Tgt Ion: 83 Resp: 1084

Ion Ratio Lower Upper

83 100

55 43.0 61.2 91.8#

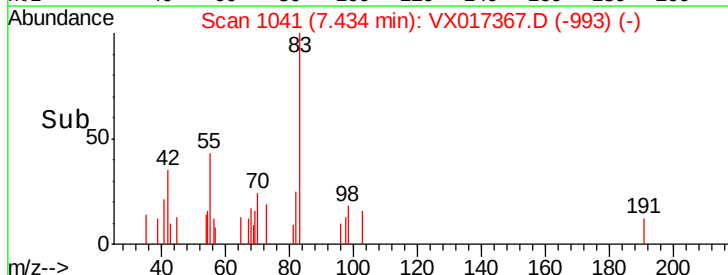
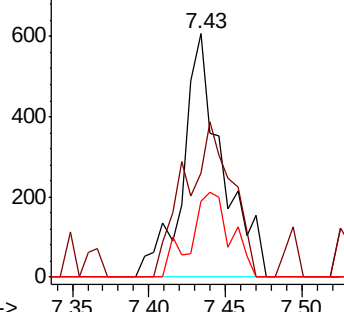
98 31.0 38.1 57.1#

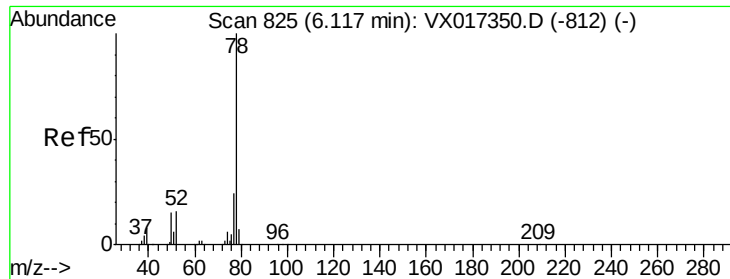


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.215 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

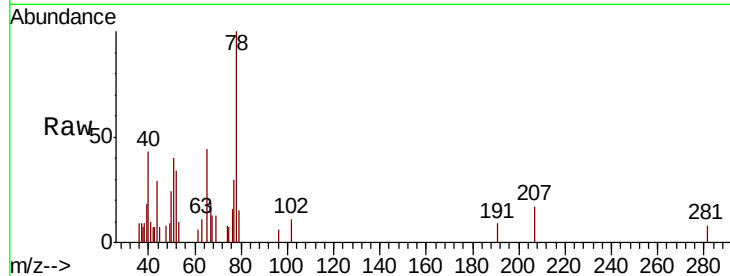
MDL-WATER-03-QT3-2020

Tot Ion: 78 Resp: 2643

Ion Ratio Lower Upper

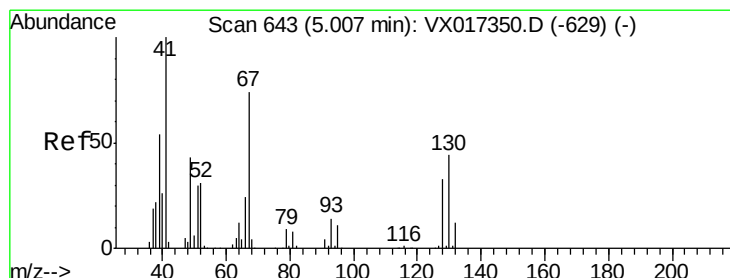
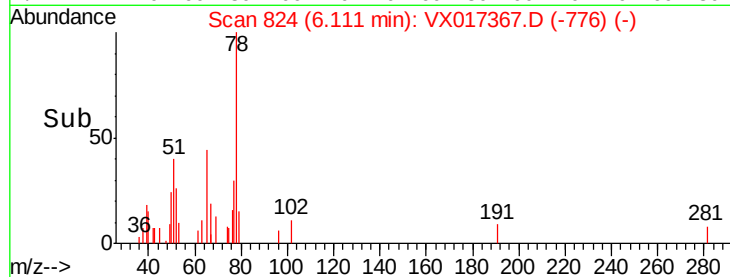
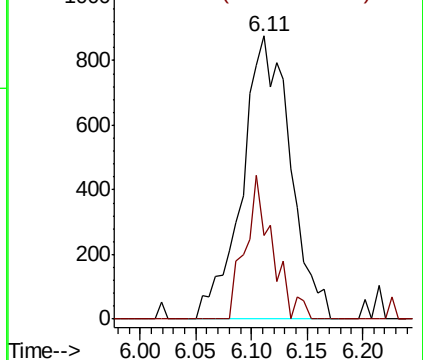
78 100

77 29.6 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.277 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Tgt Ion: 41 Resp: 657

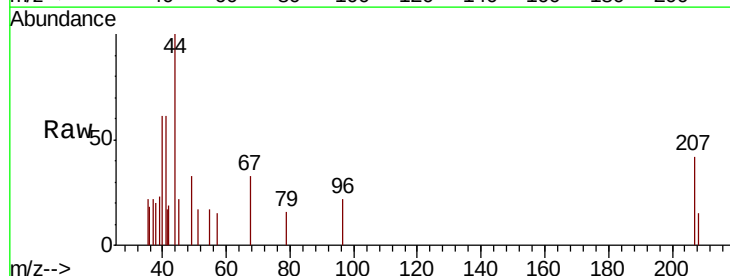
Ion Ratio Lower Upper

41 100

39 26.9 43.8 65.8#

67 39.0 58.7 88.1#

52 14.8 24.9 37.3#

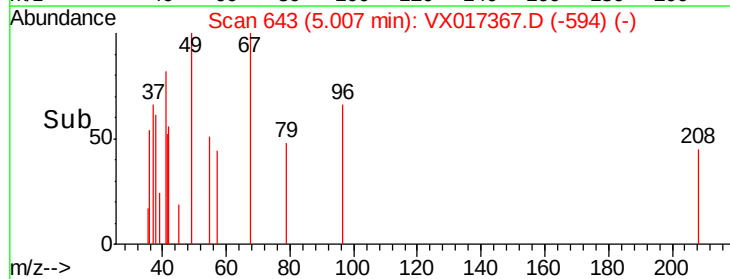
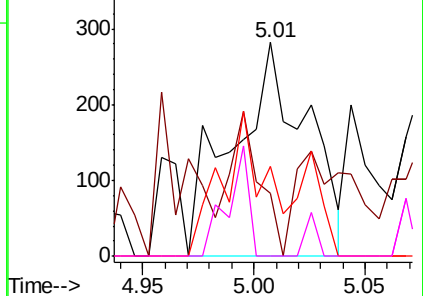


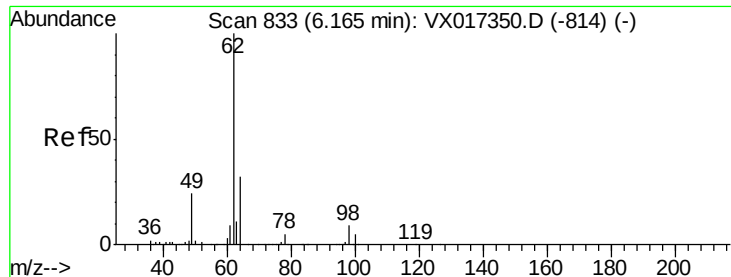
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

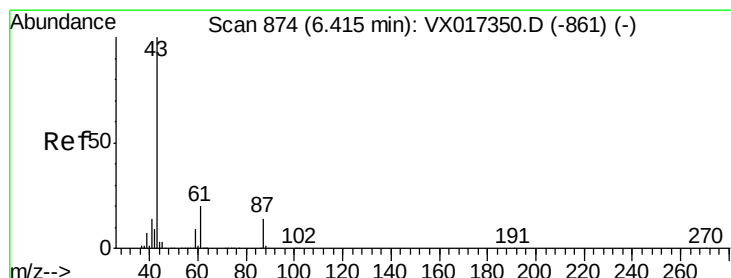
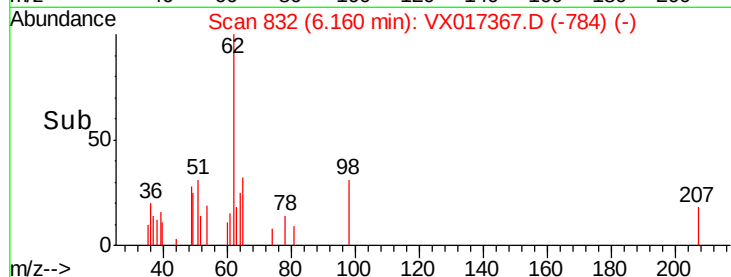
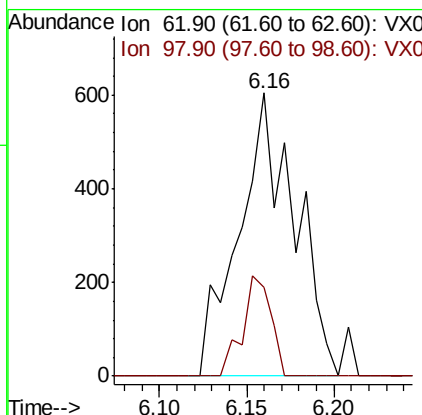
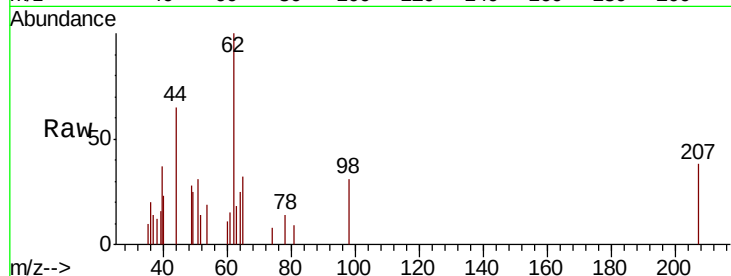




#42
 1,2-Dichloroethane
 Concen: 0.283 ug/l
 RT: 6.16 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

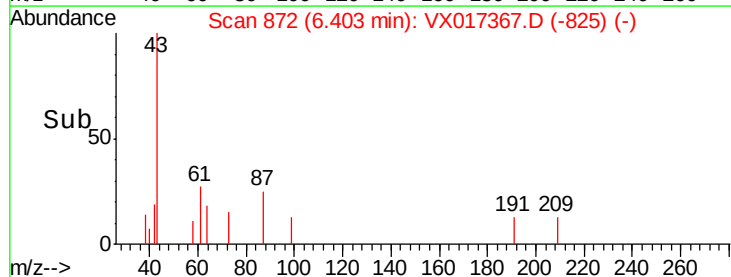
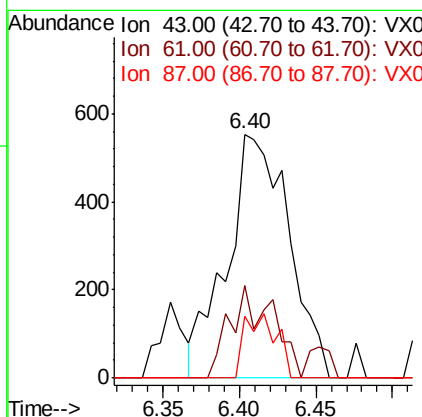
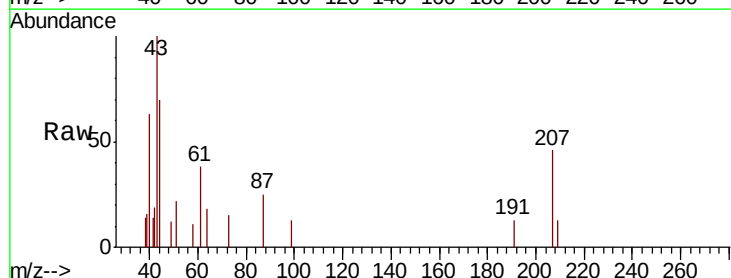
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

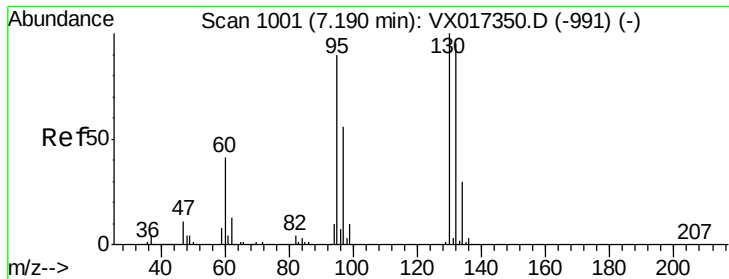
Tot Ion: 62 Resp: 1353
 Ion Ratio Lower Upper
 62 100
 98 17.7 0.0 19.4



#43
 Isopropyl Acetate
 Concen: 0.221 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

Tgt Ion: 43 Resp: 1562
 Ion Ratio Lower Upper
 43 100
 61 26.2 16.4 24.6#
 87 13.6 11.2 16.8





#44

Trichloroethene

Concen: 0.242 ug/l

RT: 7.20 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

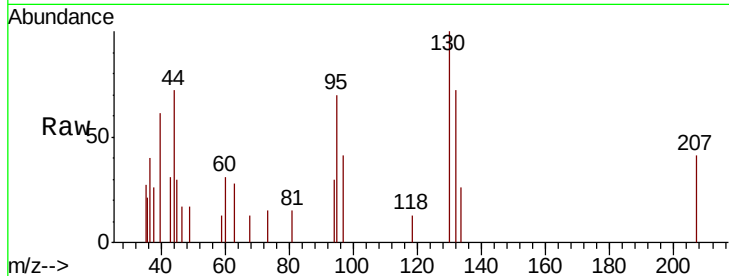
MDL-WATER-03-QT3-2020

Tot Ion:130 Resp: 907

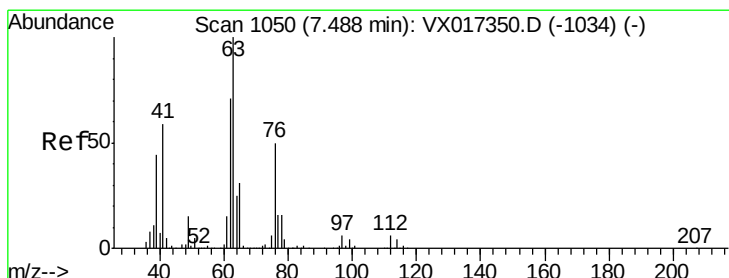
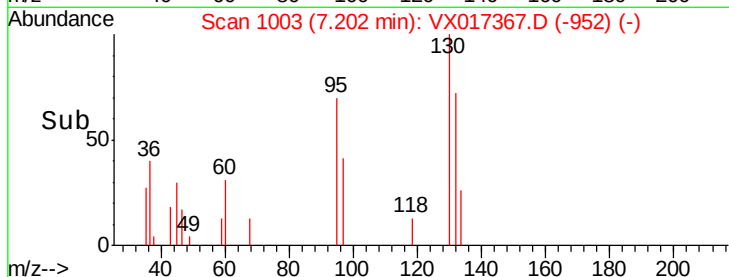
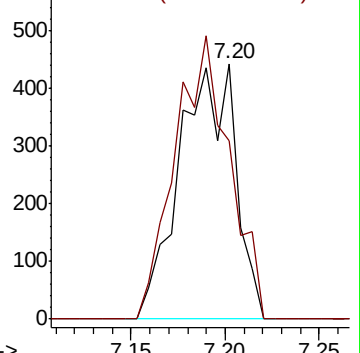
Ion Ratio Lower Upper

130 100

95 69.8 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V



#45

1,2-Dichloropropane

Concen: 0.204 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017367.D

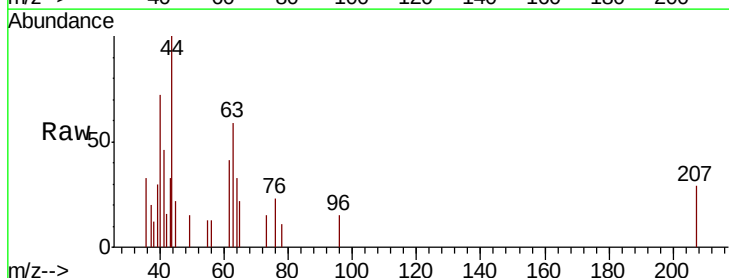
Acq: 14 Jul 2020 10:41

Tgt Ion: 63 Resp: 640

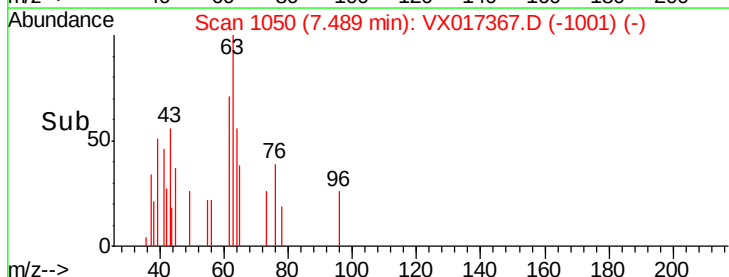
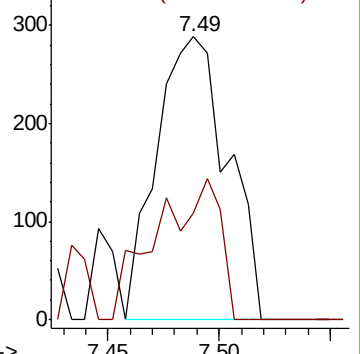
Ion Ratio Lower Upper

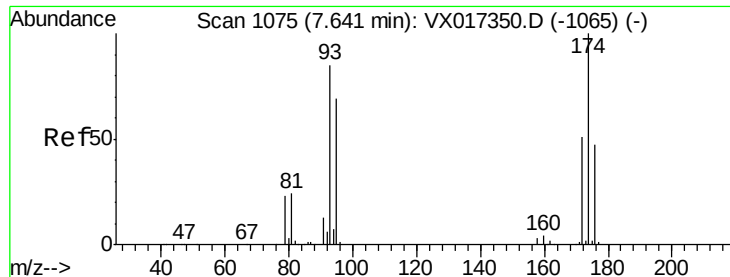
63 100

65 37.5 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0





#46

Dibromomethane

Concen: 0.242 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

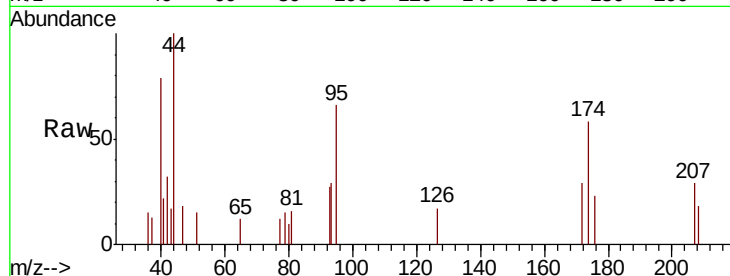
Tot Ion: 93 Resp: 549

Ion Ratio Lower Upper

93 100

95 89.6 65.4 98.2

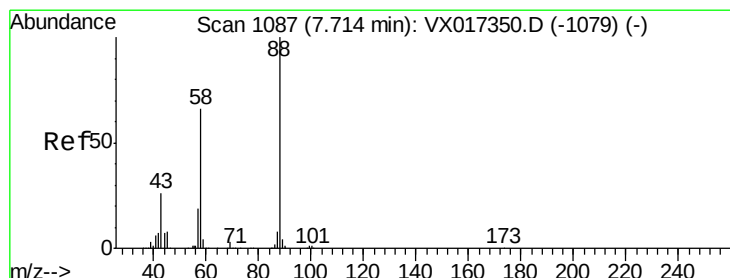
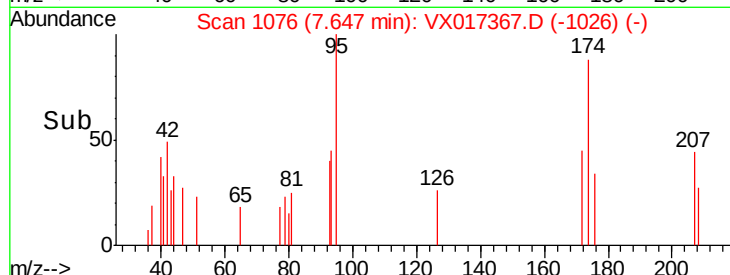
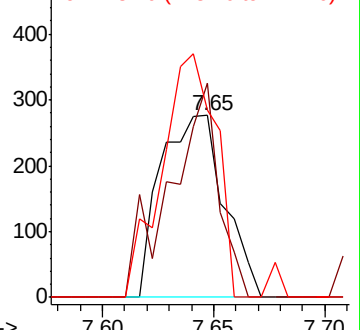
174 113.8 91.2 136.8



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



#49

1,4-Dioxane

Concen: 2.076 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

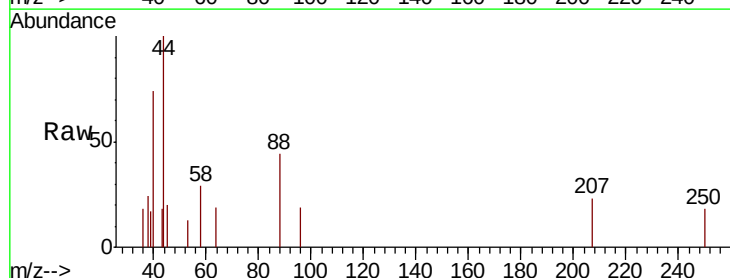
Tgt Ion: 88 Resp: 144

Ion Ratio Lower Upper

88 100

43 120.8 25.6 38.4#

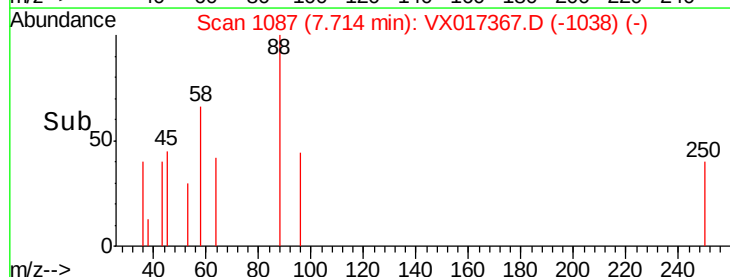
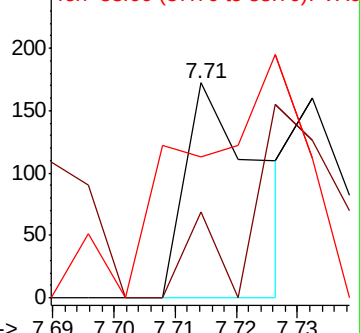
58 181.9 53.9 80.9#

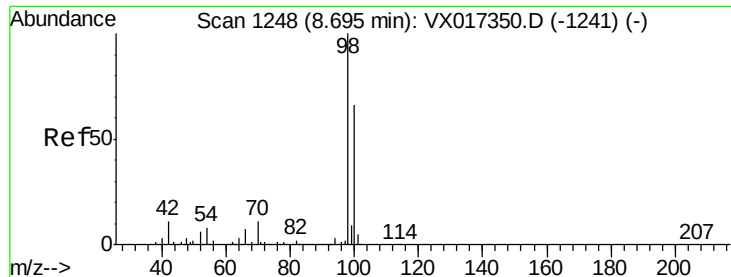


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

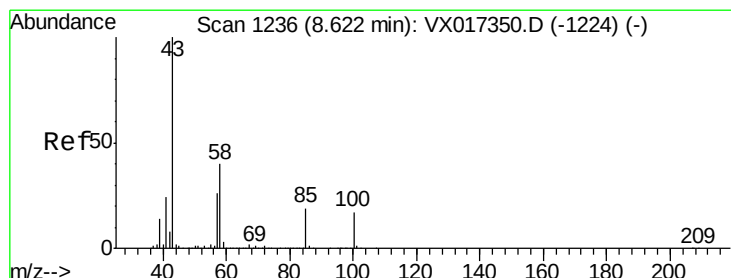
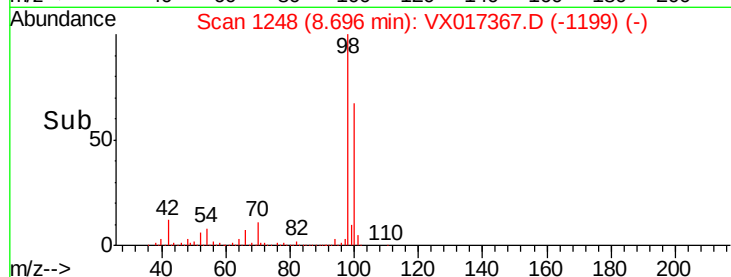
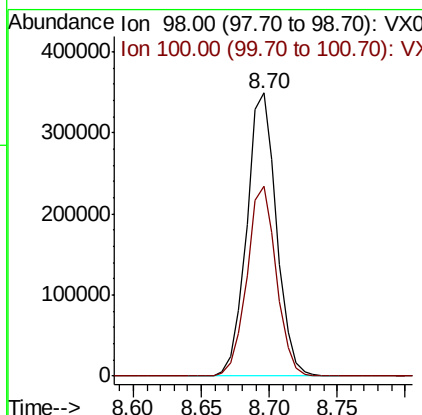
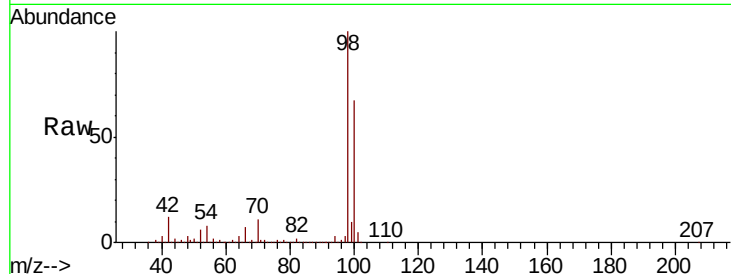




#50
Toluene-d8
Concen: 47.352 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

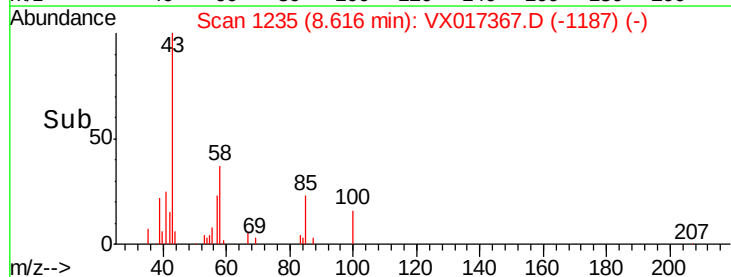
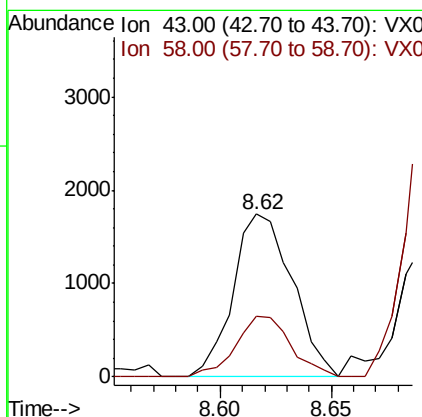
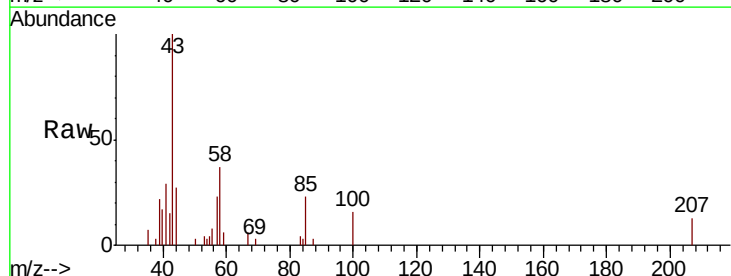
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

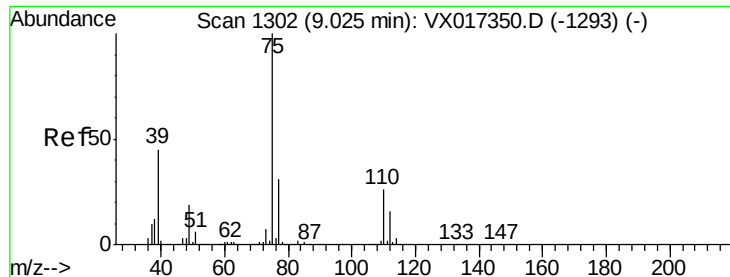
Tot Ion: 98 Resp: 534680
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.752 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
58 34.7 32.2 48.2

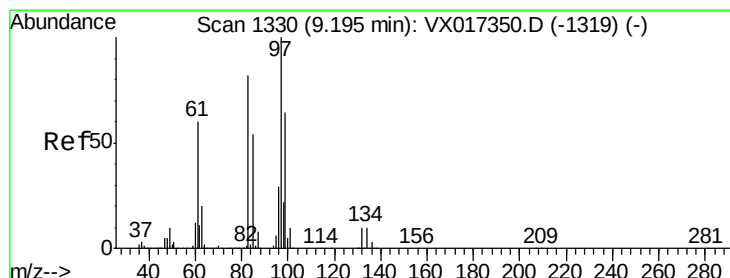
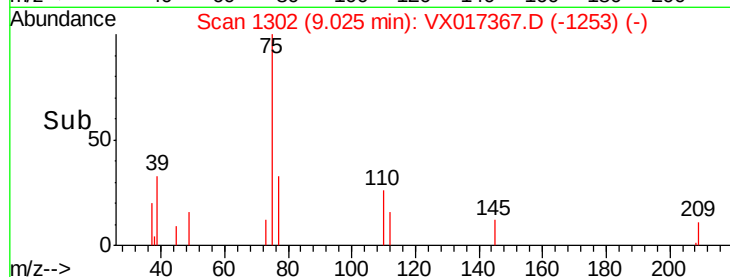
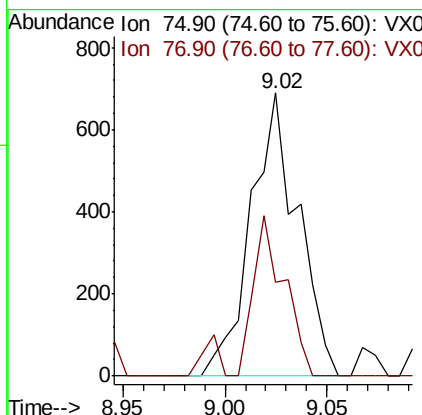
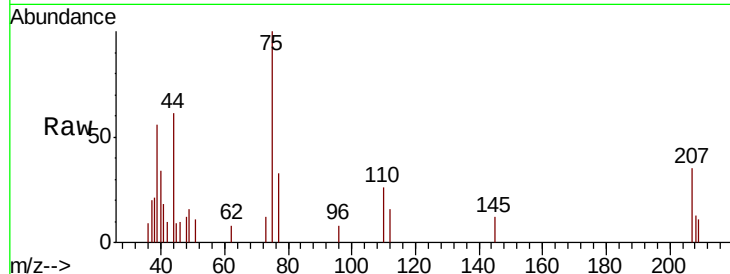




#53
t-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

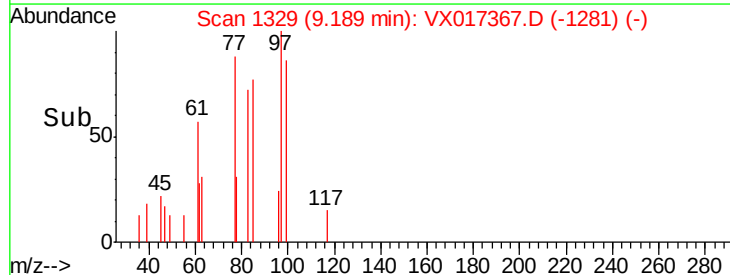
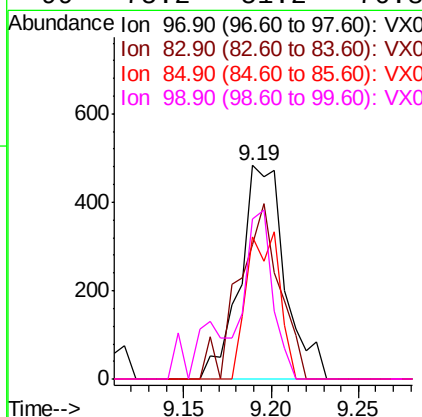
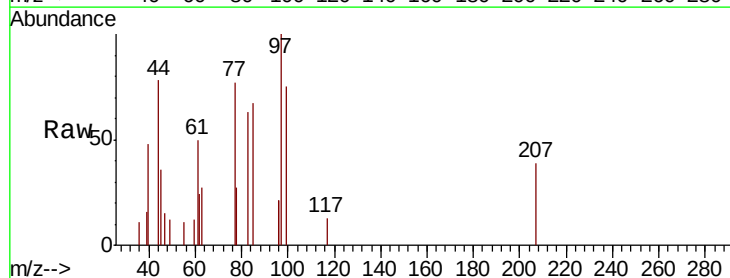
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

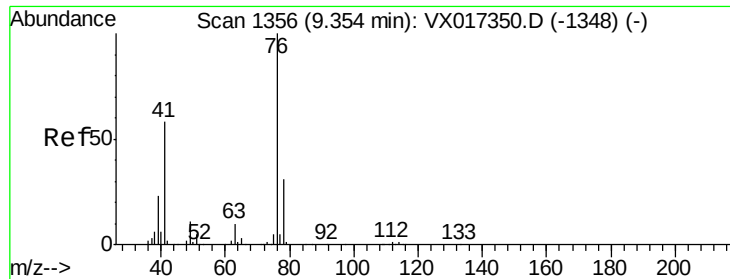
Tot Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.6



#55
1,1,2-Trichloroethane
Concen: 0.263 ug/l
RT: 9.19 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 97 Resp: 863
Ion Ratio Lower Upper
97 100
83 62.9 65.8 98.6#
85 66.9 42.8 64.2#
99 75.2 51.2 76.8

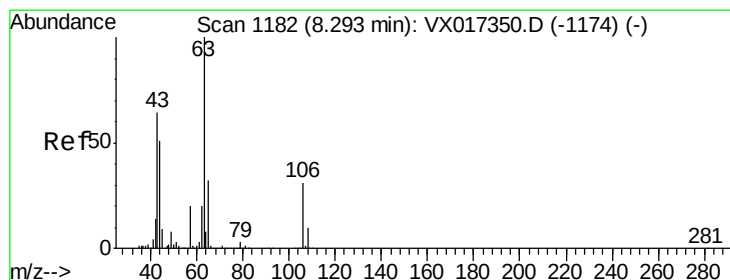
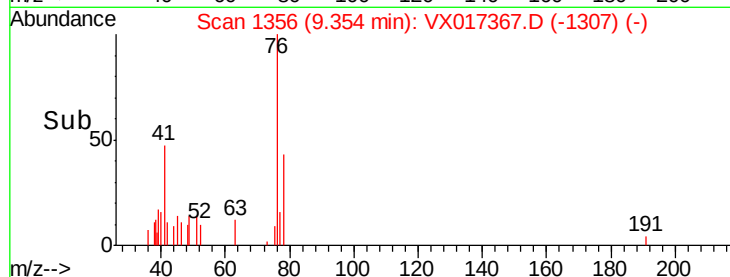
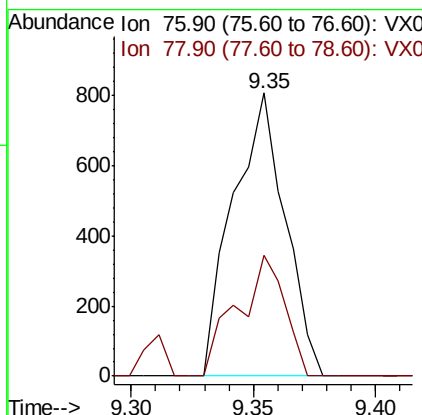
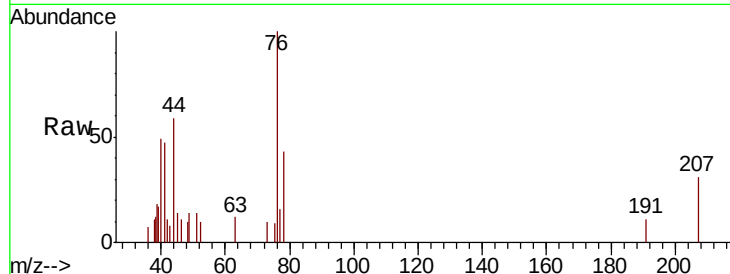




#57
 1,3-Dichloropropane
 Concen: 0.220 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

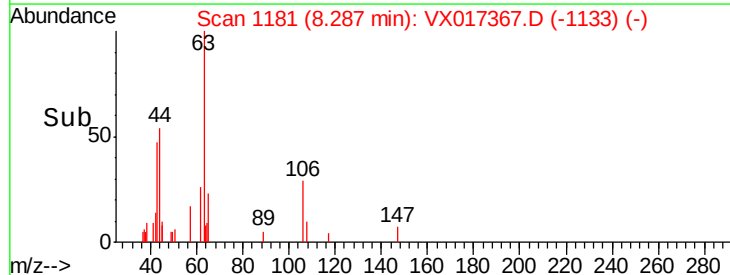
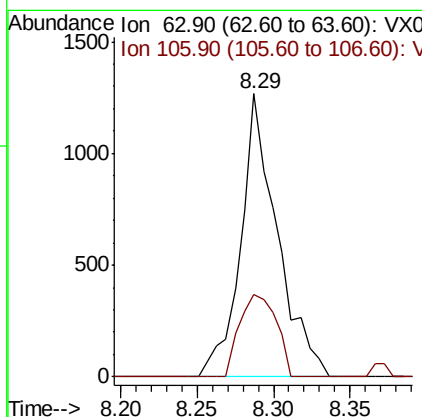
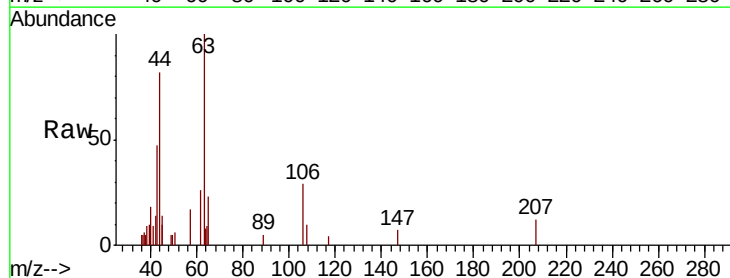
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

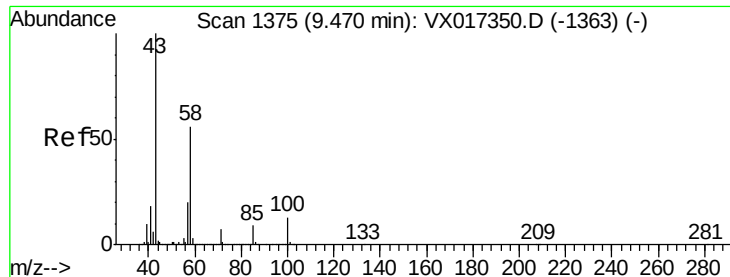
Tot Ion: 76 Resp: 1201
 Ion Ratio Lower Upper
 76 100
 78 38.8 25.8 38.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.889 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

Tgt Ion: 63 Resp: 2107
 Ion Ratio Lower Upper
 63 100
 106 29.2 24.8 37.2

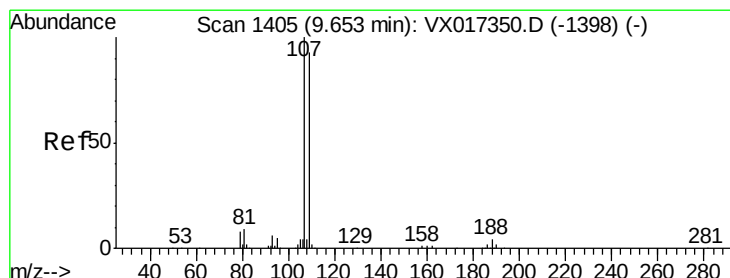
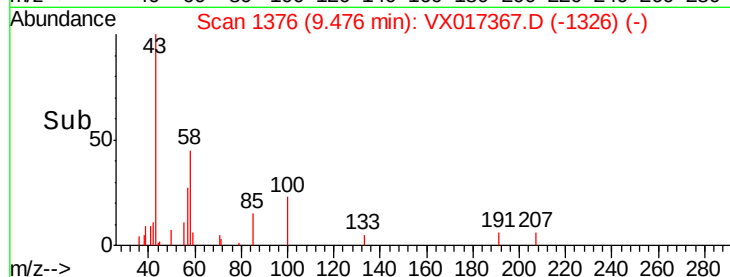
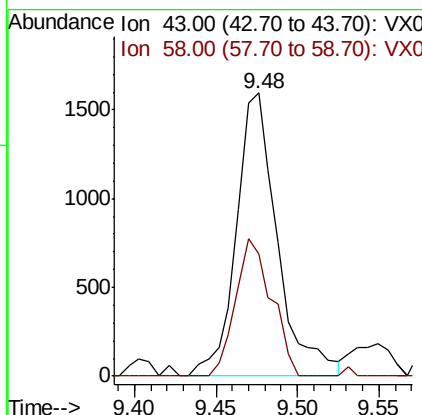
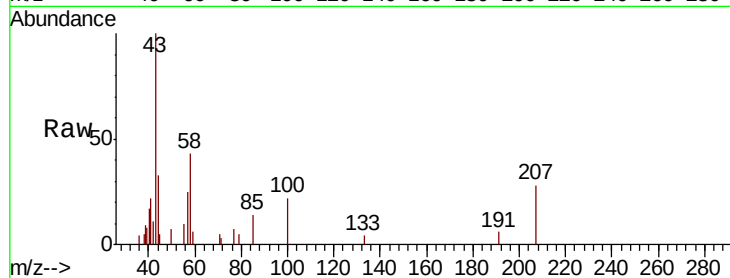




#59
2-Hexanone
Concen: 0.864 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

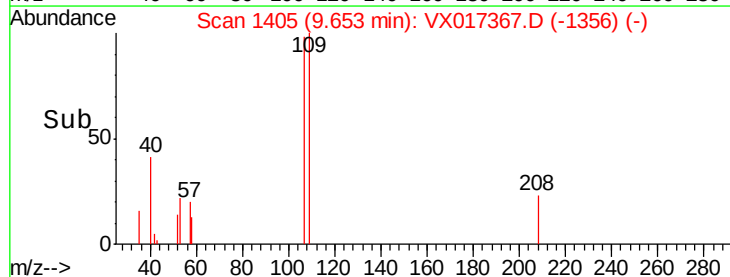
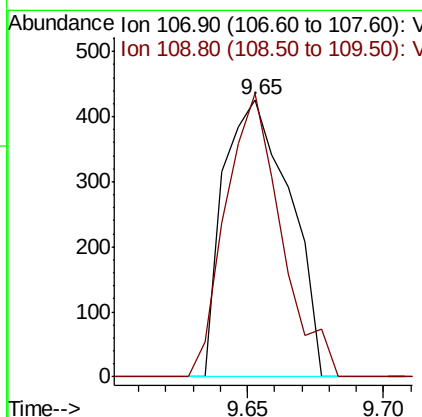
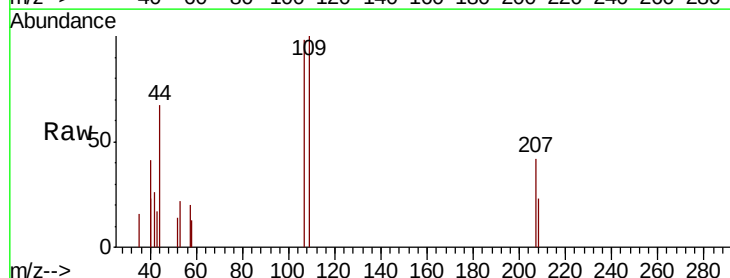
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2020

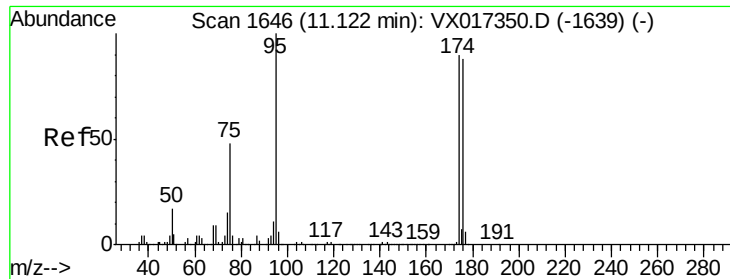
Tot Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
58 42.3 28.1 84.3



#61
1,2-Dibromoethane
Concen: 0.201 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX017367.D
Acq: 14 Jul 2020 10:41

Tgt Ion: 107 Resp: 720
Ion Ratio Lower Upper
107 100
109 85.7 75.0 112.4





#62

4-Bromofluorobenzene

Concen: 42.898 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

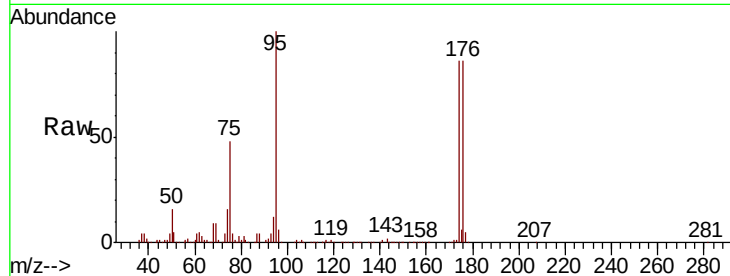
Tot Ion: 95 Resp: 192408

Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.8

176 82.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

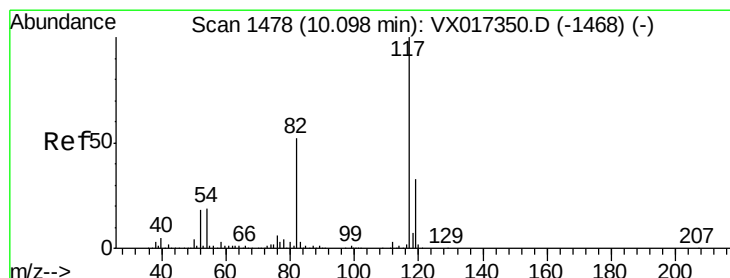
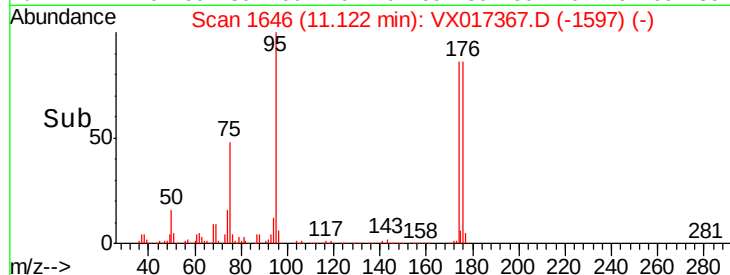
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->

11.12

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

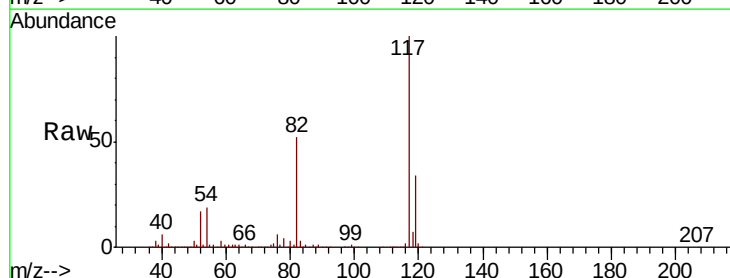
Tgt Ion: 117 Resp: 426436

Ion Ratio Lower Upper

117 100

82 51.9 42.0 63.0

119 33.5 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

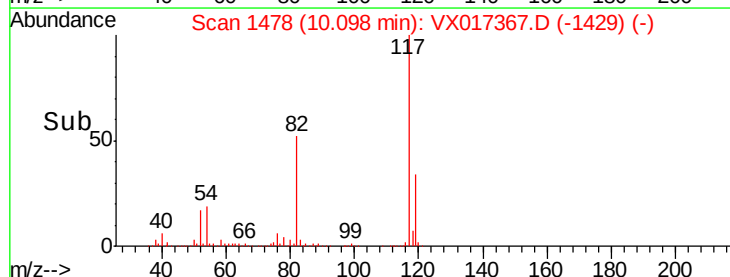
Ion 82.00 (81.70 to 82.70): VX0

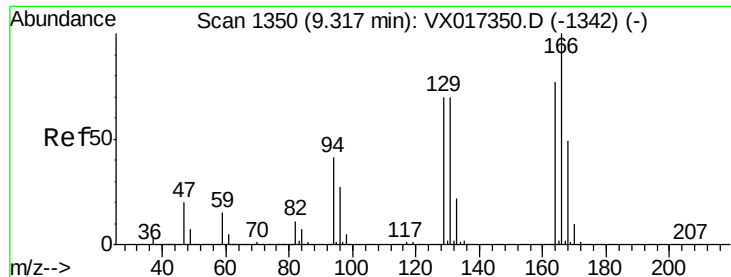
Ion 118.90 (118.60 to 119.60): V

Time-->

10.10

10.00 10.20





#64

Tetrachloroethene

Concen: 0.232 ug/l

RT: 9.31 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:164 Resp: 856

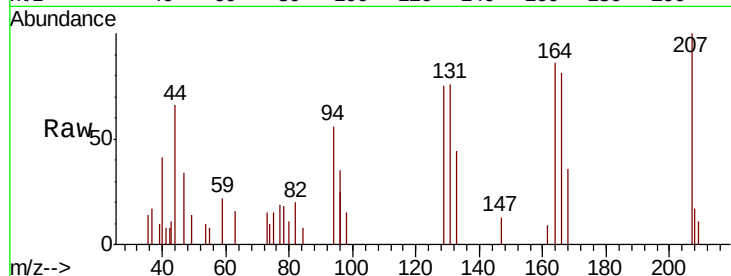
Ion Ratio Lower Upper

164 100

166 95.1 103.9 155.9#

129 87.1 72.9 109.3

131 89.1 72.5 108.7

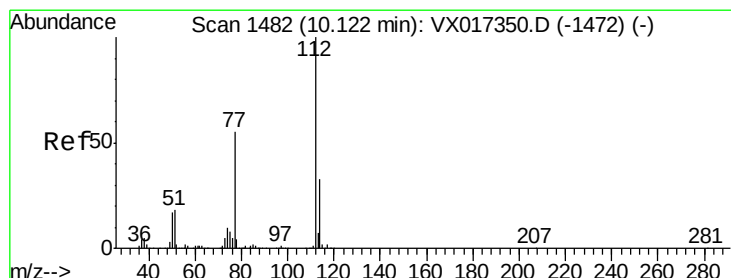
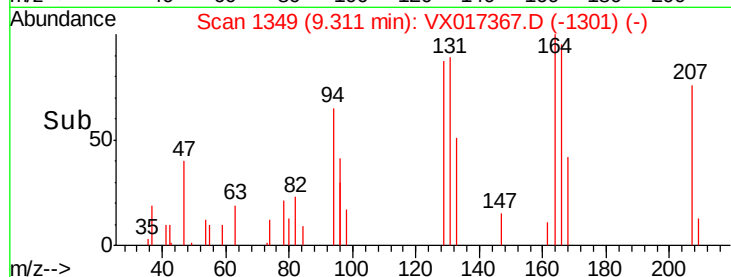
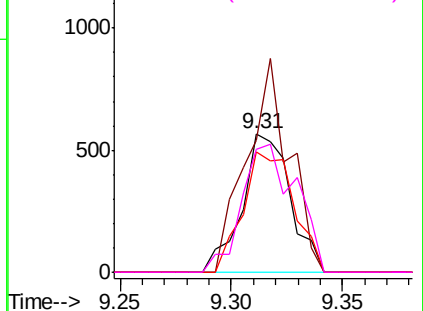


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.217 ug/l

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX017367.D

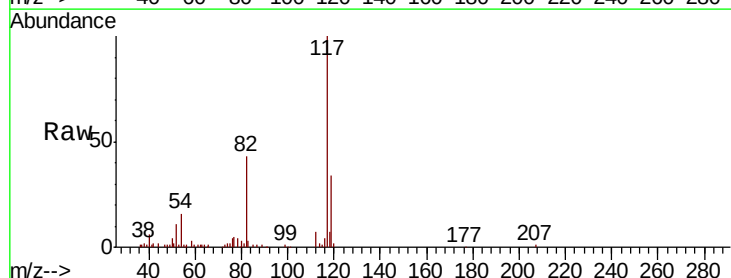
Acq: 14 Jul 2020 10:41

Tgt Ion:112 Resp: 1880

Ion Ratio Lower Upper

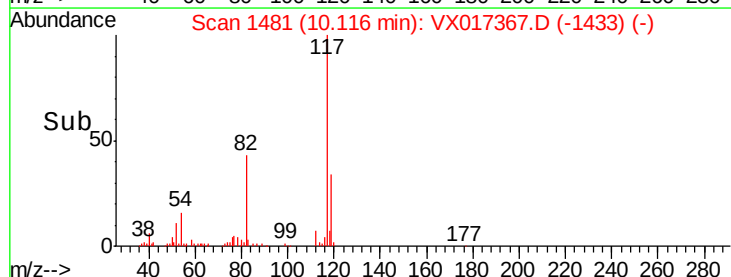
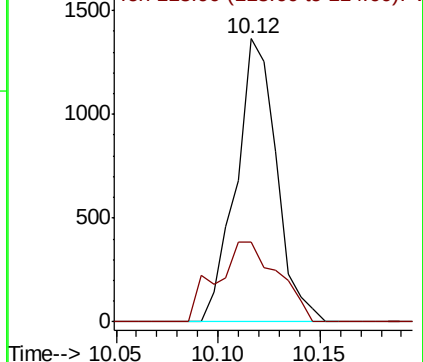
112 100

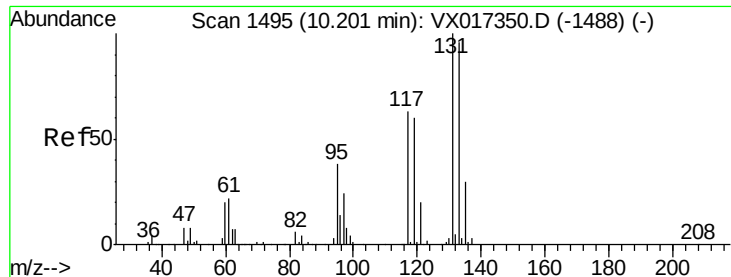
114 28.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.265 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

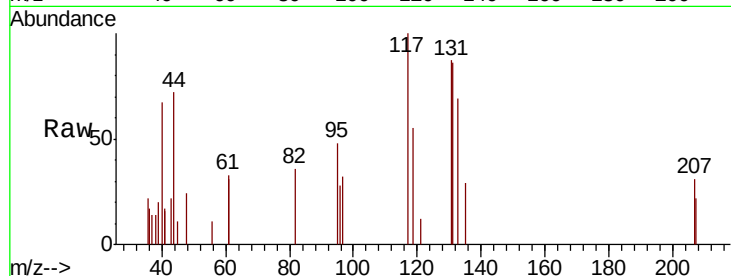
Tot Ion:131 Resp: 915

Ion Ratio Lower Upper

131 100

133 96.5 48.4 145.2

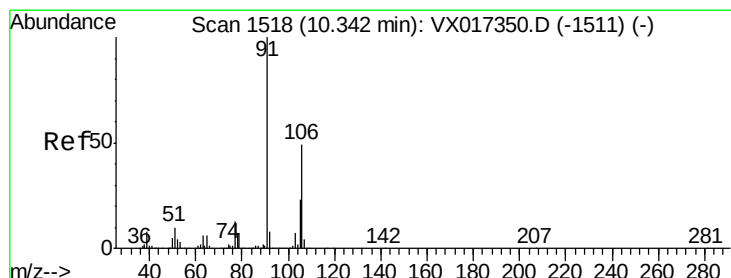
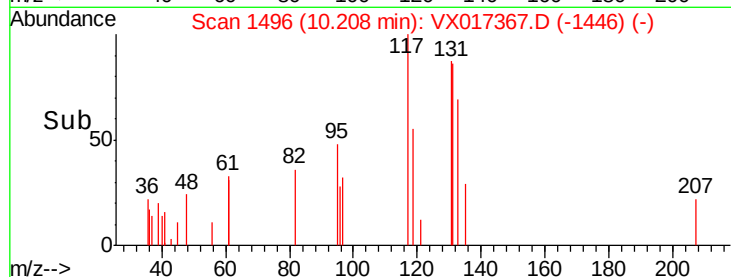
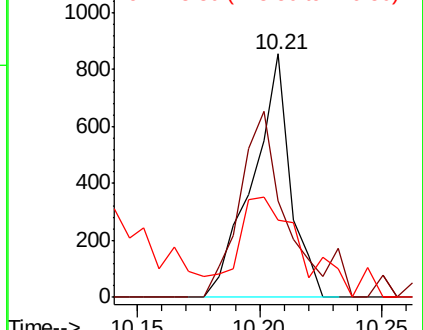
119 0.0 31.2 93.6#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

m/p-Xylenes

Concen: 0.338 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017367.D

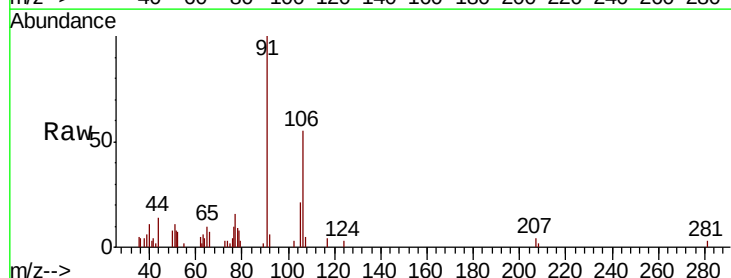
Acq: 14 Jul 2020 10:41

Tgt Ion:106 Resp: 1857

Ion Ratio Lower Upper

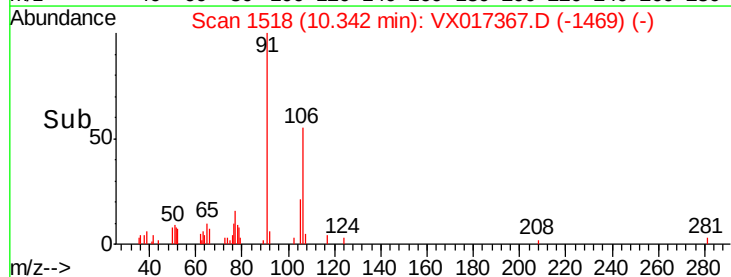
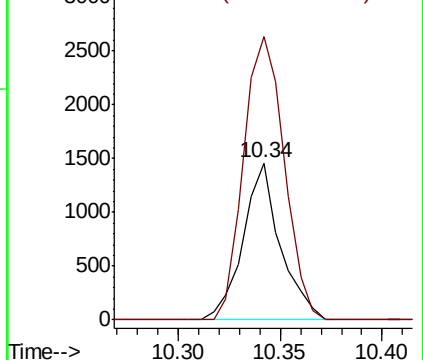
106 100

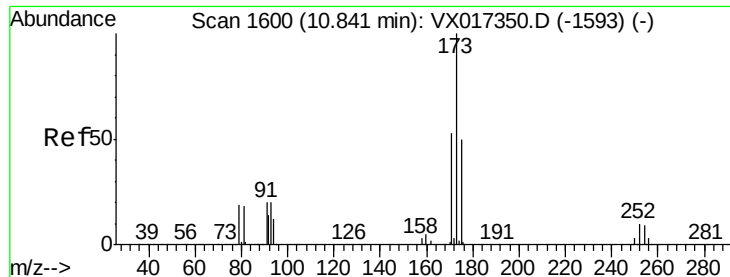
91 196.1 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





#71

Bromoform

Concen: 0.201 ug/l

RT: 10.85 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

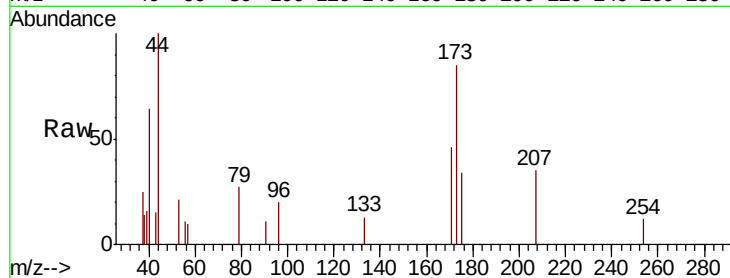
Tot Ion:173 Resp: 585

Ion Ratio Lower Upper

173 100

175 50.6 24.7 74.1

254 0.0 0.1 0.1#

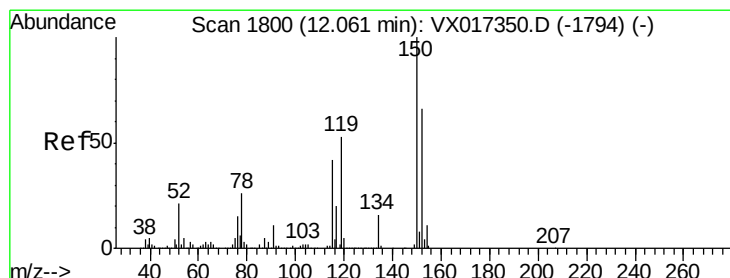
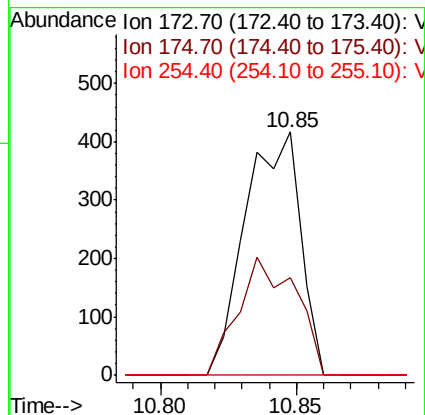
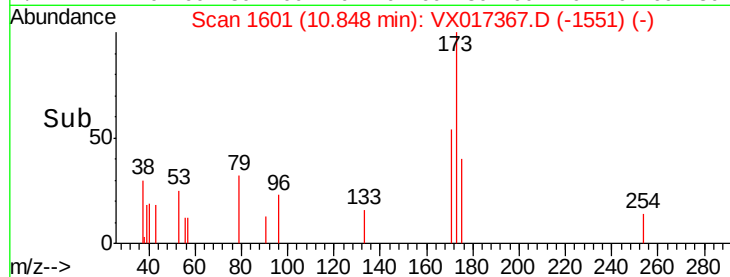


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.85



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

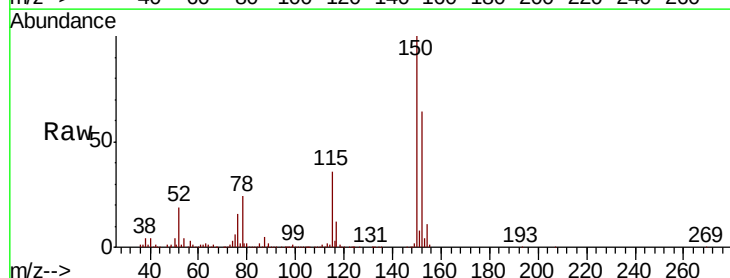
Tgt Ion:152 Resp: 213847

Ion Ratio Lower Upper

152 100

115 55.9 39.9 119.7

150 154.7 0.0 343.4

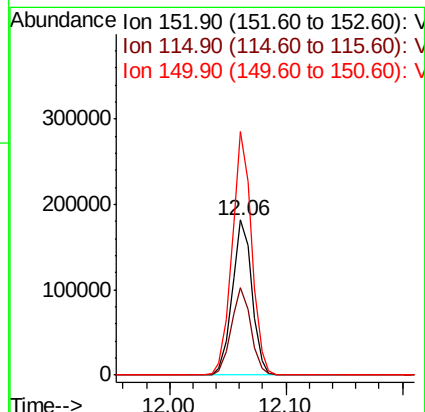
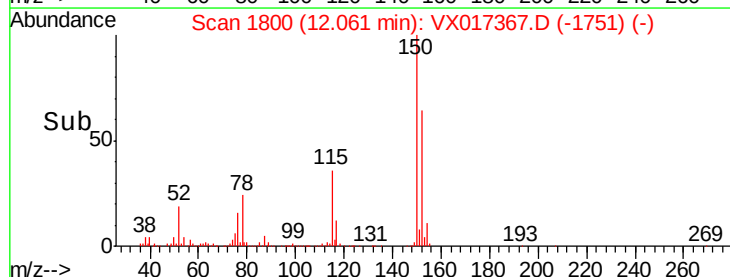


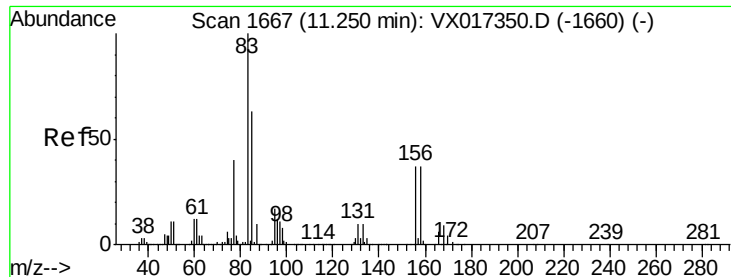
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.06





#75

1,1,2,2-Tetrachloroethane

Concen: 0.224 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

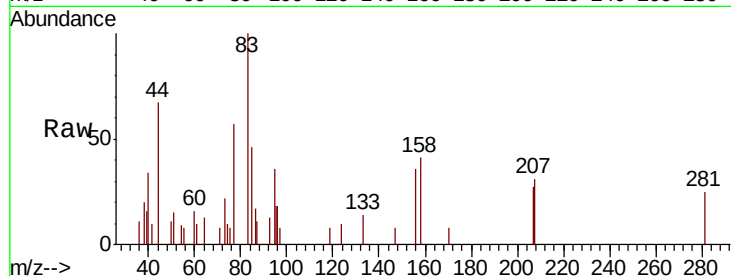
Tot Ion: 83 Resp: 913

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

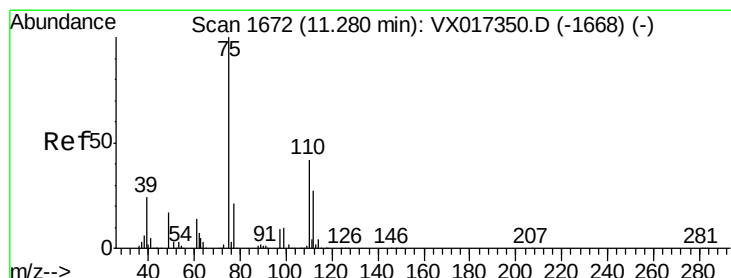
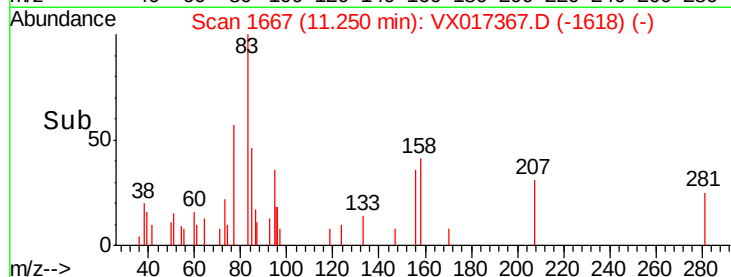
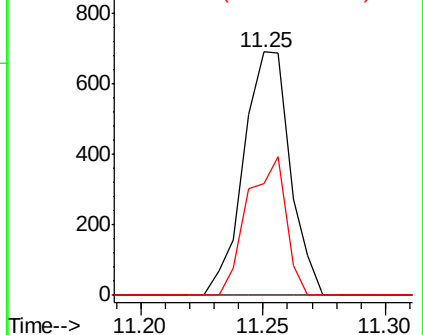
85 47.1 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.077 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017367.D

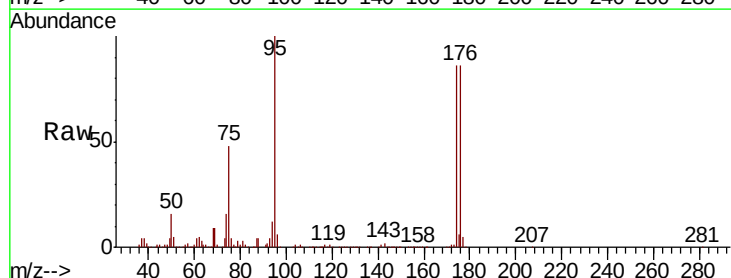
Acq: 14 Jul 2020 10:41

Tgt Ion: 75 Resp: 95141

Ion Ratio Lower Upper

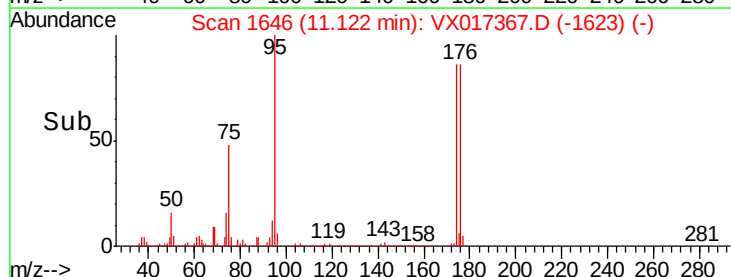
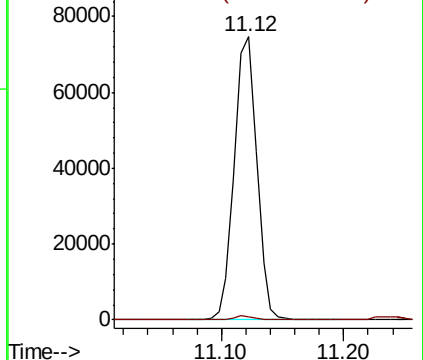
75 100

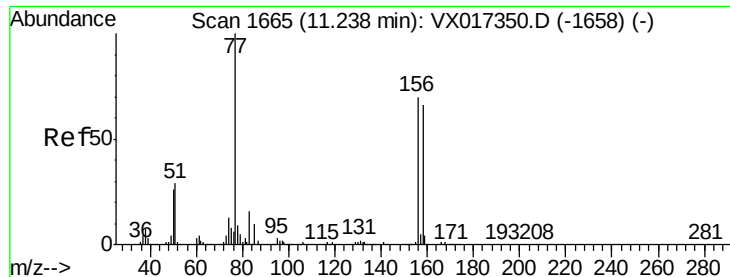
77 1.3 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.271 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

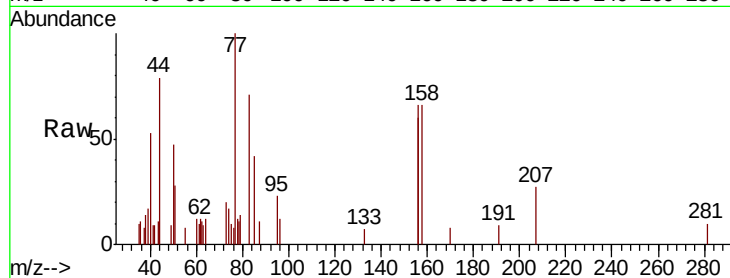
Tot Ion:156 Resp: 1036

Ion Ratio Lower Upper

156 100

77 134.9 72.1 216.3

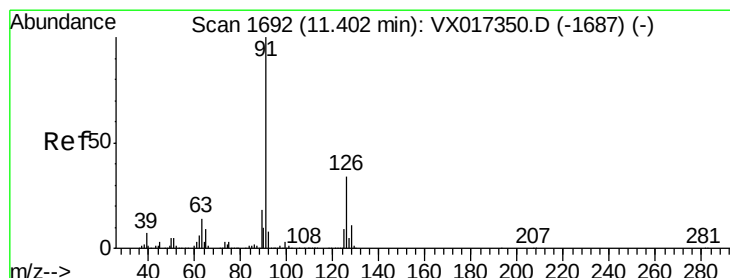
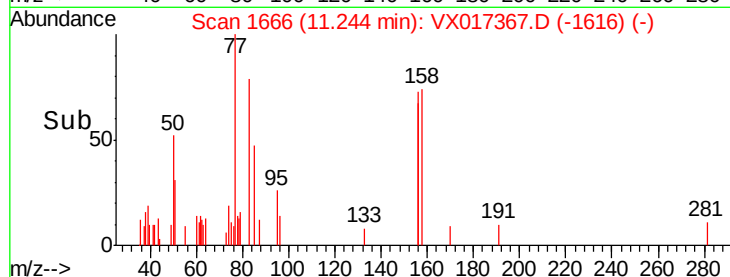
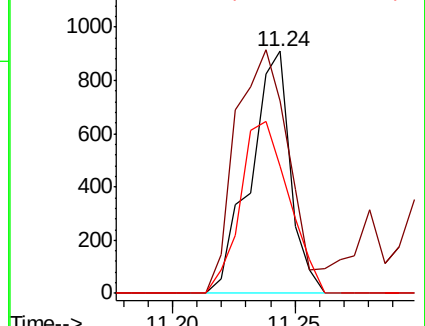
158 86.7 47.4 142.3



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



#79

2-Chlorotoluene

Concen: 0.216 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017367.D

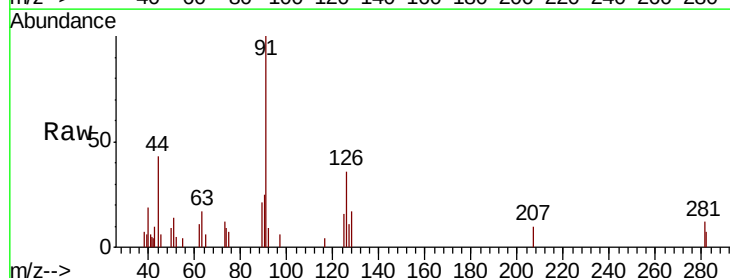
Acq: 14 Jul 2020 10:41

Tgt Ion: 91 Resp: 2002

Ion Ratio Lower Upper

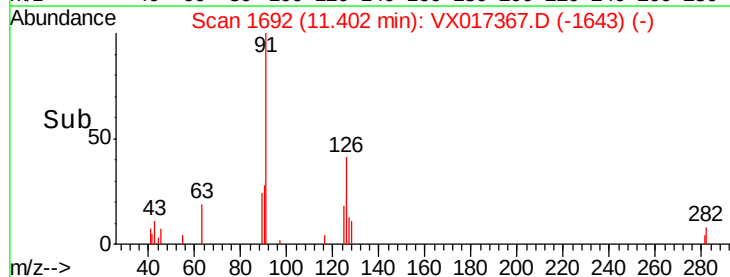
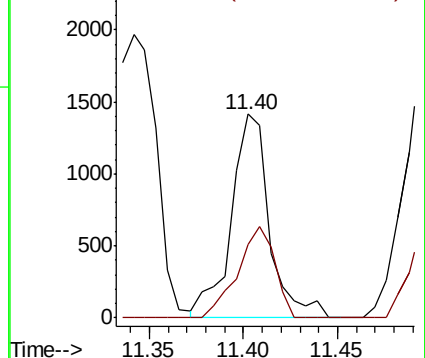
91 100

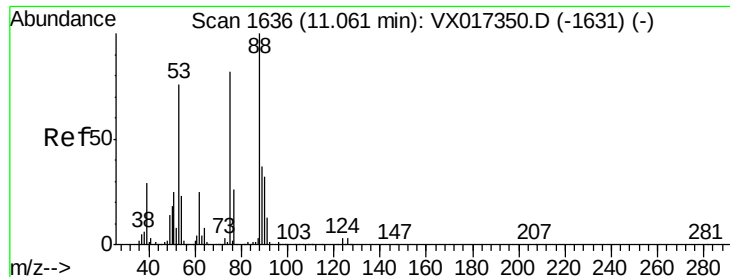
126 43.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.078 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

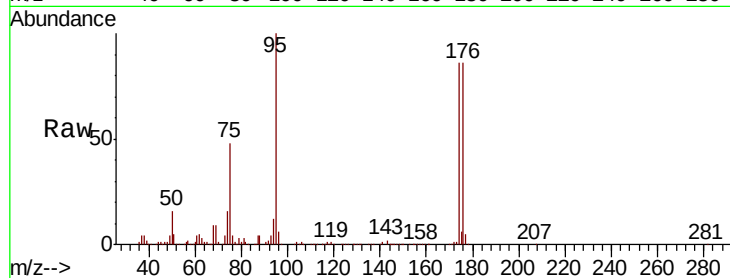
Tot Ion: 75 Resp: 95141

Ion Ratio Lower Upper

75 100

53 0.2 76.5 114.7#

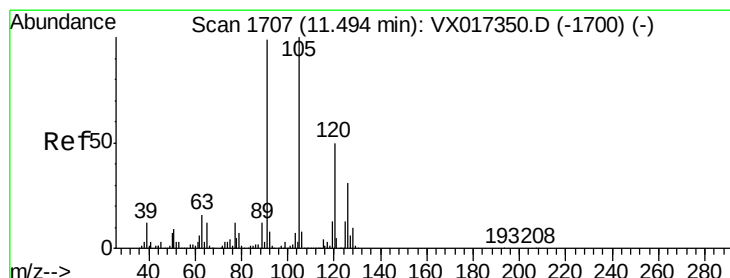
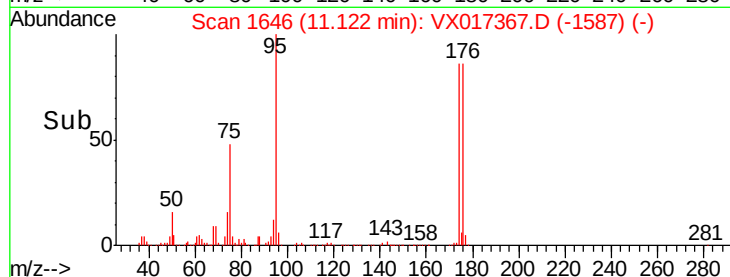
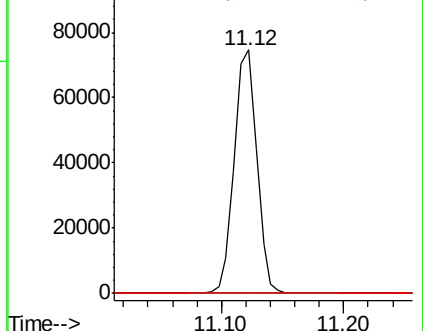
89 0.0 38.1 57.1#



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: 0.205 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017367.D

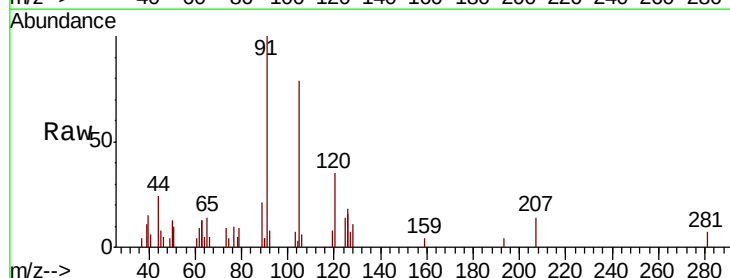
Acq: 14 Jul 2020 10:41

Tgt Ion: 91 Resp: 2254

Ion Ratio Lower Upper

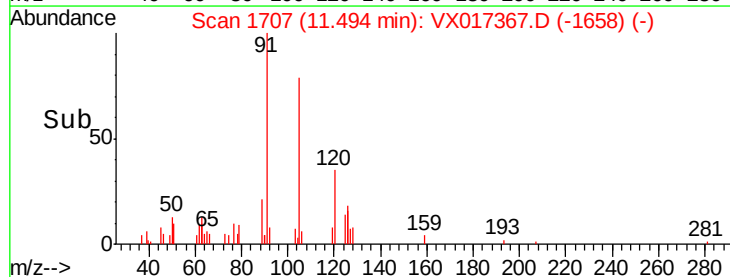
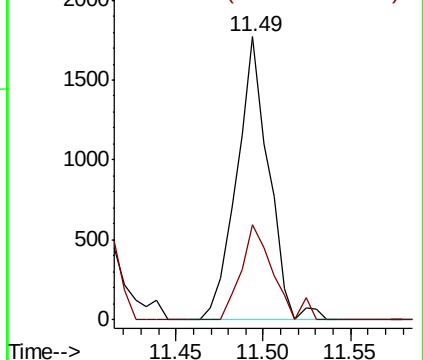
91 100

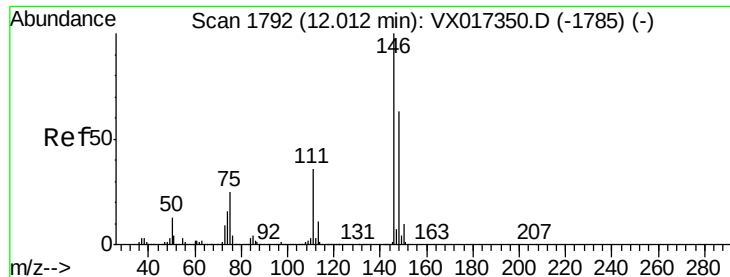
126 33.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

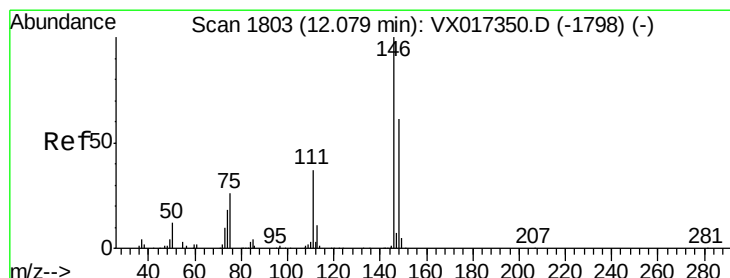
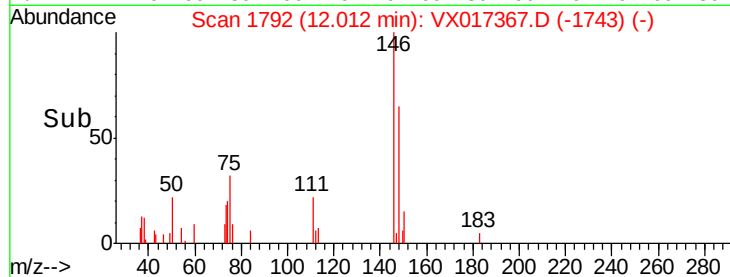
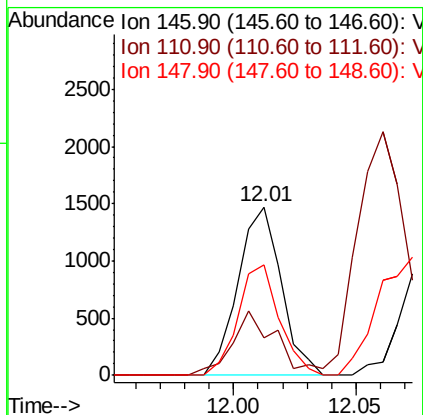
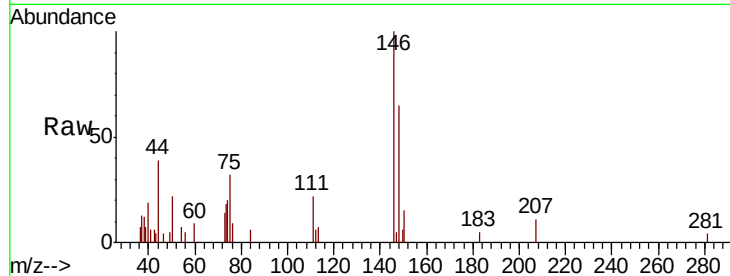




#87
 1,3-Dichlorobenzene
 Concen: 0.265 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

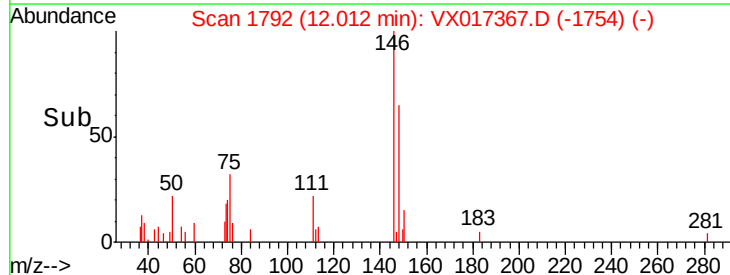
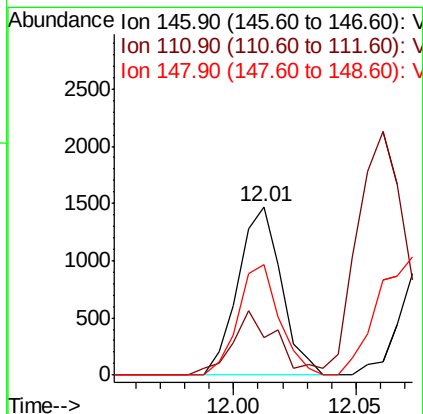
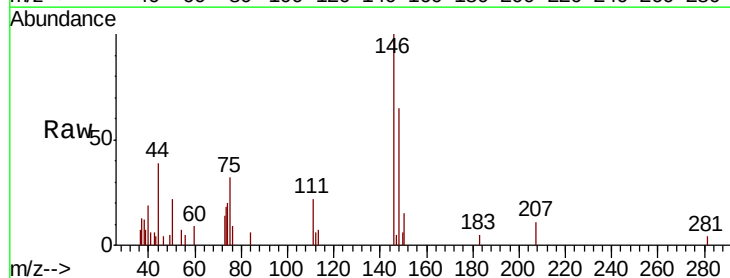
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

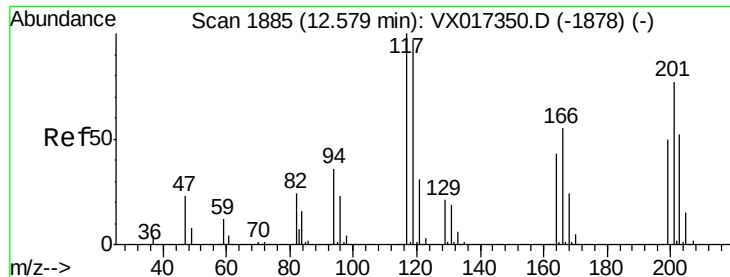
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.2	57.6
148	62.5	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.262 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX017367.D
 Acq: 14 Jul 2020 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.9
148	62.5	31.9	95.9





#90

Hexachloroethane

Concen: 0.215 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

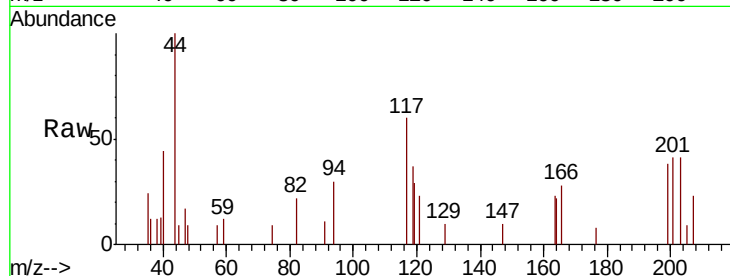
MDL-WATER-03-QT3-2020

Tot Ion:117 Resp: 498

Ion Ratio Lower Upper

117 100

201 74.5 41.0 123.0

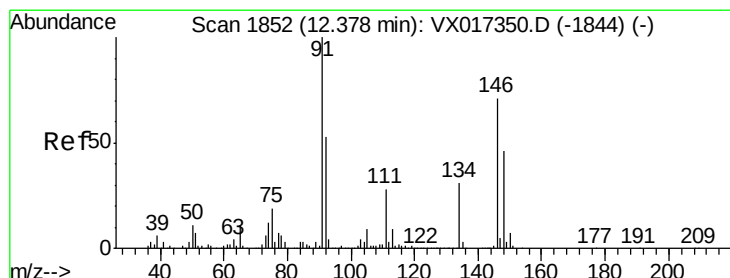
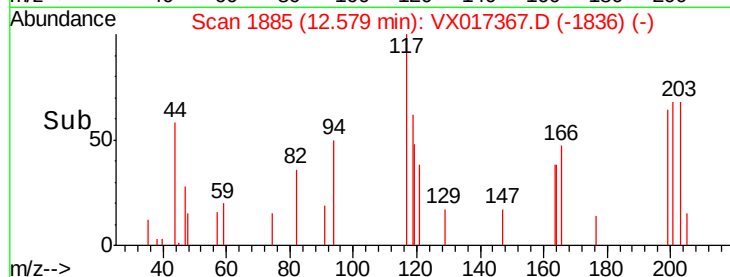


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.234 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

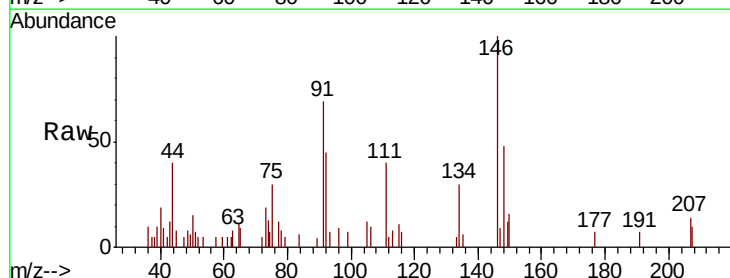
Tgt Ion:146 Resp: 1502

Ion Ratio Lower Upper

146 100

111 37.3 20.3 61.0

148 65.2 32.0 96.0



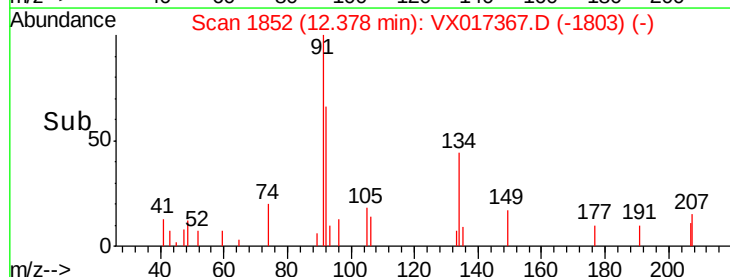
Abundance Ion 145.90 (145.60 to 146.60): V

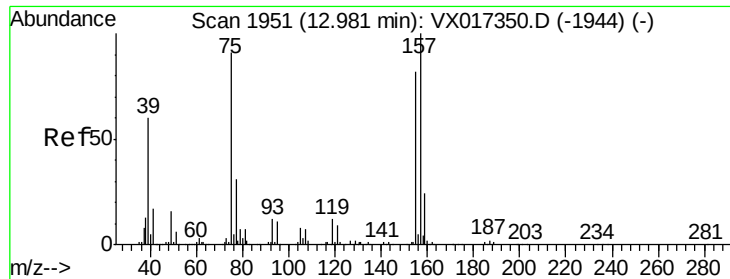
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.255 ug/l

RT: 12.99 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

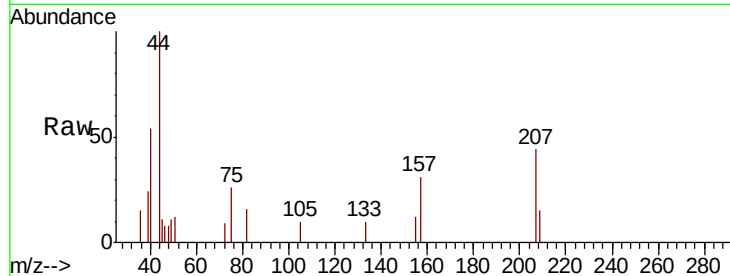
Tot Ion: 75 Resp: 274

Ion Ratio Lower Upper

75 100

155 62.4 46.5 139.3

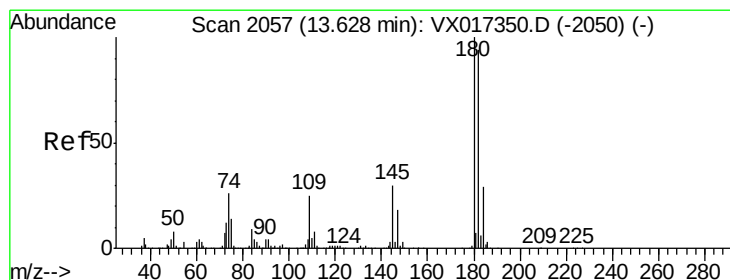
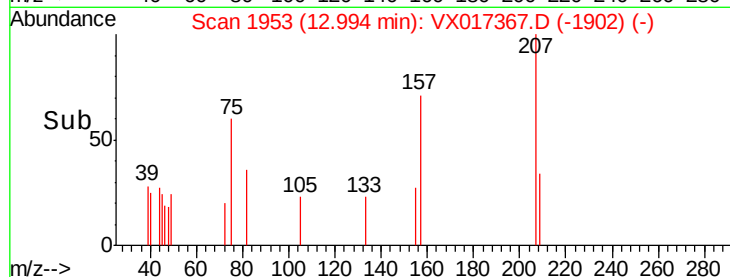
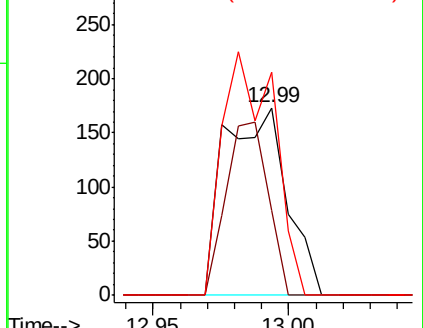
157 107.7 58.0 173.9



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: 0.265 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

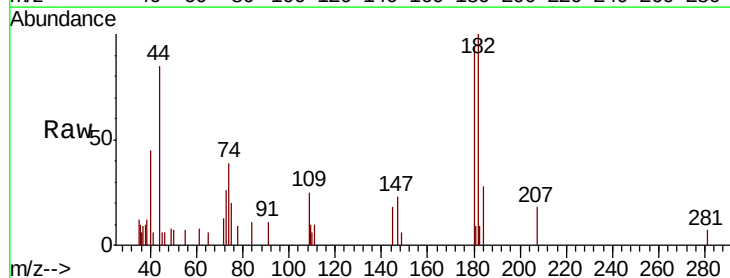
Tgt Ion: 180 Resp: 1179

Ion Ratio Lower Upper

180 100

182 95.9 48.4 145.0

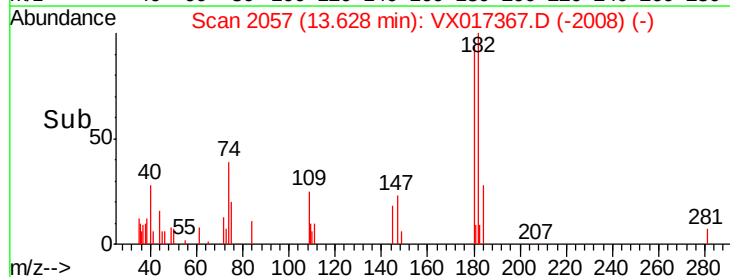
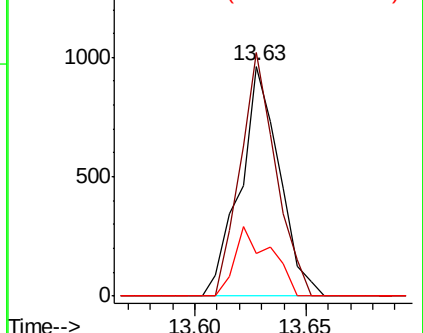
145 27.6 15.3 45.8

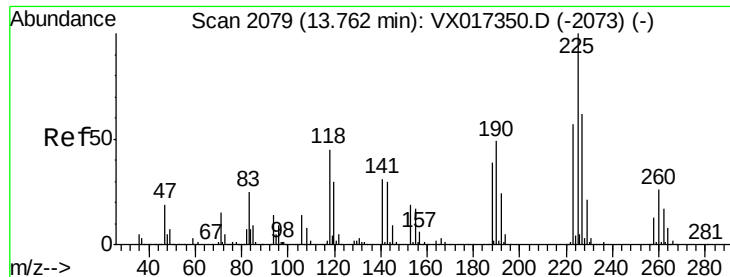


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.314 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2020

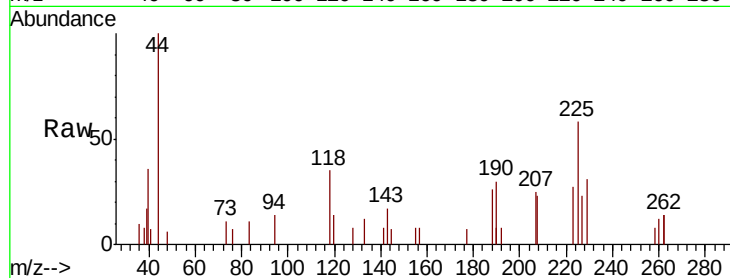
Tot Ion:225 Resp: 571

Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

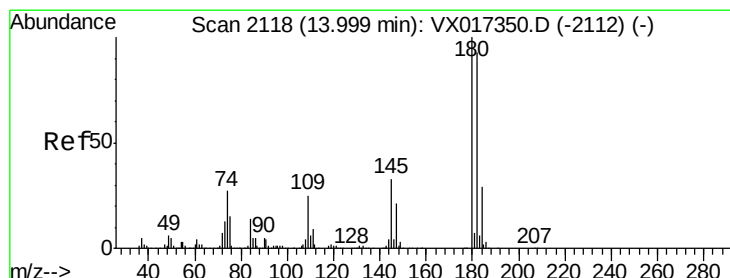
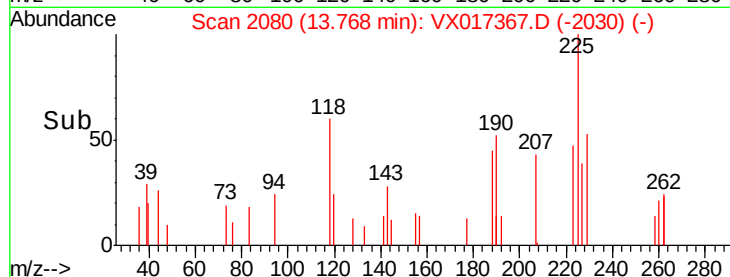
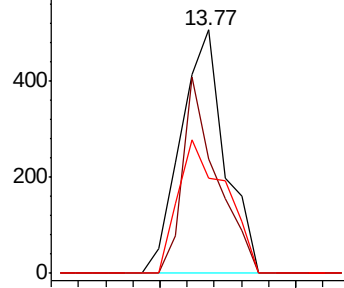
227 59.0 31.6 95.0



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



#96

1,2,3-Trichlorobenzene

Concen: 0.244 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017367.D

Acq: 14 Jul 2020 10:41

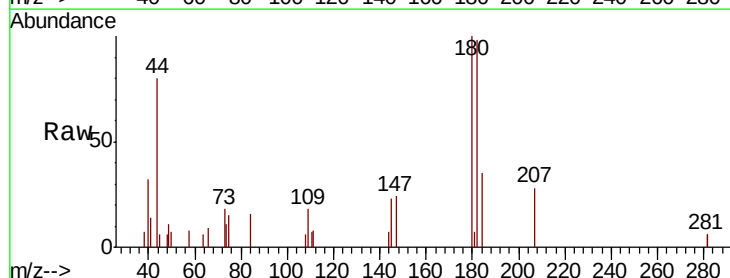
Tgt Ion:180 Resp: 1049

Ion Ratio Lower Upper

180 100

182 100.7 48.8 146.3

145 40.0 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

