

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017359.D
 Acq On : 13 Jul 2020 17:36
 Operator : JC/SP
 Sample : L3216-09 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 14 03:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	506452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237098	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	200546	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	5.47	113	162146	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	8.70	98	580656	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.12	95	212632	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	2745	1.035	ug/l	93
3) Chloromethane	1.31	50	3424	1.146	ug/l	92
4) Vinyl Chloride	1.39	62	2768	0.937	ug/l #	82
5) Bromomethane	1.64	94	3097	1.610	ug/l #	56
6) Chloroethane	1.71	64	2279	1.222	ug/l #	84
7) Trichlorofluoromethane	1.92	101	4899	0.982	ug/l	100
8) Diethyl Ether	2.17	74	2179	1.236	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3035	1.068	ug/l	95
10) Methyl Iodide	2.49	142	2587	0.751	ug/l	92
11) Tert butyl alcohol	3.01	59	3738	5.638	ug/l #	91
12) 1,1-Dichloroethene	2.36	96	3335	1.169	ug/l	85
13) Acrolein	2.28	56	2123	5.841	ug/l	99
14) Allyl chloride	2.71	41	5580	1.129	ug/l	94
15) Acrylonitrile	3.12	53	8980	5.587	ug/l	94
16) Acetone	2.42	43	8483	6.042	ug/l	92
17) Carbon Disulfide	2.55	76	9615	1.155	ug/l #	85
18) Methyl Acetate	2.75	43	3923	1.131	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	9847	1.016	ug/l	94
20) Methylene Chloride	2.83	84	4670	1.363	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	3510	1.075	ug/l	85
22) Diisopropyl ether	3.83	45	9704	1.030	ug/l #	87
23) Vinyl Acetate	3.78	43	38720	4.675	ug/l	98
24) 1,1-Dichloroethane	3.68	63	6164	1.114	ug/l #	82
25) 2-Butanone	4.64	43	11885	5.330	ug/l	97
26) 2,2-Dichloropropane	4.54	77	5454	1.059	ug/l	77
27) cis-1,2-Dichloroethene	4.57	96	4173	1.166	ug/l	94
28) Bromochloromethane	4.98	49	3082	1.205	ug/l #	84
29) Tetrahydrofuran	5.11	42	7733	5.357	ug/l	94
30) Chloroform	5.17	83	6212	1.043	ug/l	97
31) Cyclohexane	5.54	56	4478	0.988	ug/l #	76
32) 1,1,1-Trichloroethane	5.46	97	5601	1.017	ug/l #	47
36) 1,1-Dichloropropene	5.78	75	4738	1.017	ug/l	95
37) Ethyl Acetate	4.81	43	4312	0.895	ug/l #	92
38) Carbon Tetrachloride	5.75	117	5149	0.944	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017359.D
 Acq On : 13 Jul 2020 17:36
 Operator : JC/SP
 Sample : L3216-09 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 14 03:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.43	83	4615	0.912	ug/l #	87
40) Benzene	6.12	78	13724	1.025	ug/l	92
41) Methacrylonitrile	5.01	41	2788	1.078	ug/l #	80
42) 1,2-Dichloroethane	6.17	62	5647	1.086	ug/l	92
43) Isopropyl Acetate	6.42	43	7405	0.962	ug/l	96
44) Trichloroethene	7.19	130	3946	0.965	ug/l	96
45) 1,2-Dichloropropane	7.49	63	3327	0.971	ug/l	96
46) Dibromomethane	7.65	93	2793	1.131	ug/l	85
47) Bromodichloromethane	7.88	83	4493	0.870	ug/l #	93
48) Methyl methacrylate	7.75	41	3747	1.014	ug/l	92
49) 1,4-Dioxane	7.72	88	1538	20.345	ug/l #	68
51) 4-Methyl-2-Pentanone	8.62	43	20045	4.270	ug/l	95
52) Toluene	8.76	92	8122	0.945	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5120	0.920	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	4927	0.830	ug/l #	91
55) 1,1,2-Trichloroethane	9.20	97	3722	1.039	ug/l #	85
56) Ethyl methacrylate	9.16	69	4411	0.867	ug/l	94
57) 1,3-Dichloropropane	9.35	76	5611	0.942	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.29	63	10762	4.167	ug/l	99
59) 2-Hexanone	9.48	43	14085	3.976	ug/l	98
60) Dibromochloromethane	9.56	129	3844	0.878	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4038	1.036	ug/l	92
64) Tetrachloroethene	9.32	164	4751	1.154	ug/l #	82
65) Chlorobenzene	10.12	112	9253	0.957	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	3595	0.934	ug/l #	64
67) Ethyl Benzene	10.23	91	14218	0.883	ug/l	99
68) m/p-Xylenes	10.34	106	10445	1.705	ug/l	99
69) o-Xylene	10.68	106	5015	0.857	ug/l	99
70) Styrene	10.70	104	7646	0.761	ug/l	94
71) Bromoform	10.84	173	2849	0.877	ug/l #	96
73) Isopropylbenzene	11.00	105	12851	0.865	ug/l	96
74) N-amyl acetate	10.88	43	5080	0.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	4988	1.105	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	5505	1.257	ug/l	94
77) Bromobenzene	11.24	156	4184	0.988	ug/l	90
78) n-propylbenzene	11.34	91	15571	0.933	ug/l	96
79) 2-Chlorotoluene	11.40	91	9740	0.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	10917	0.865	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	105732	61.221	ug/l #	11
82) 4-Chlorotoluene	11.49	91	11292	0.926	ug/l	97
83) tert-Butylbenzene	11.76	119	10760	0.882	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	10695	0.839	ug/l	96
85) sec-Butylbenzene	11.93	105	11783	0.825	ug/l	99
86) p-Isopropyltoluene	12.05	119	11078	0.820	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	7925	1.047	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	7925	1.036	ug/l	99
89) n-Butylbenzene	12.37	91	10402	0.903	ug/l	98
90) Hexachloroethane	12.58	117	2532	0.987	ug/l	85
91) 1,2-Dichlorobenzene	12.38	146	6895	0.969	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1166	0.979	ug/l	86

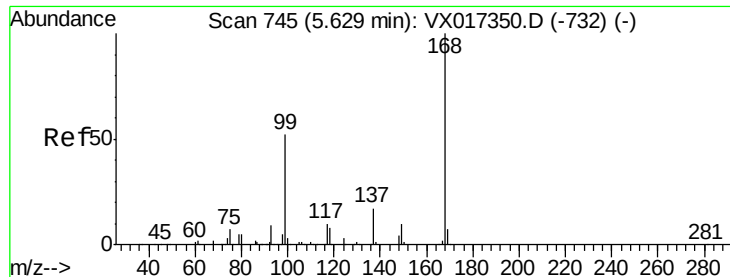
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017359.D
Acq On : 13 Jul 2020 17:36
Operator : JC/SP
Sample : L3216-09 1.0PPB L00
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Quant Time: Jul 14 03:22:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 03:17:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4609	0.933	ug/l	96
94) Hexachlorobutadiene	13.76	225	2334	1.159	ug/l	90
95) Naphthalene	13.82	128	12322	0.848	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4637	0.972	ug/l	98

(#) = 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: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

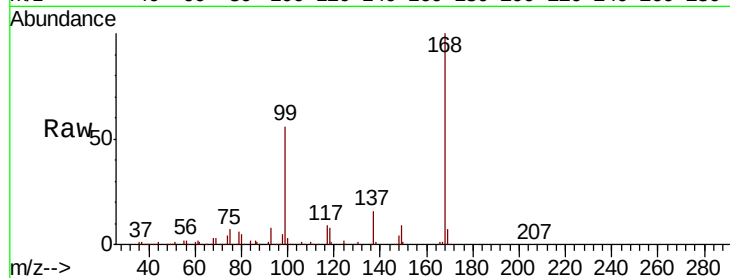
LOQ-WATER-02-QT3-2020

Tot Ion:168 Resp: 313551

Ion Ratio Lower Upper

168 100

99 56.4 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

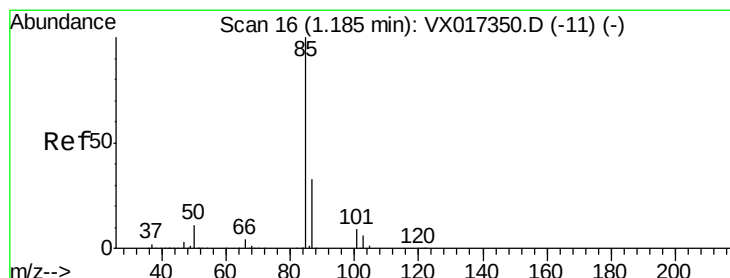
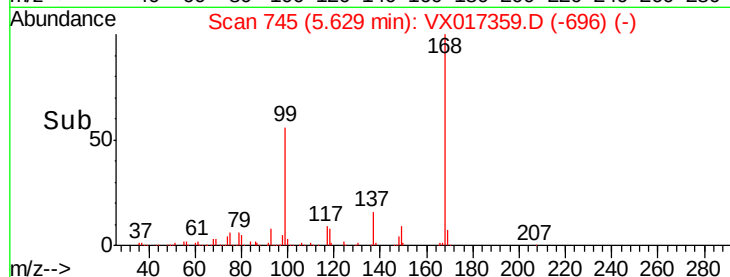
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.035 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017359.D

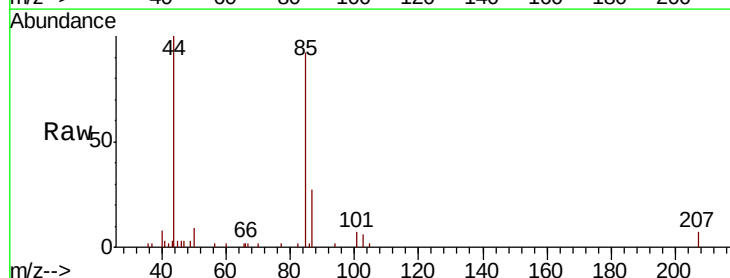
Acq: 13 Jul 2020 17:36

Tgt Ion: 85 Resp: 2745

Ion Ratio Lower Upper

85 100

87 28.8 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

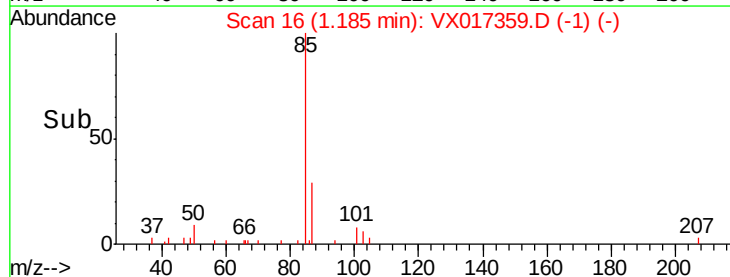
3000

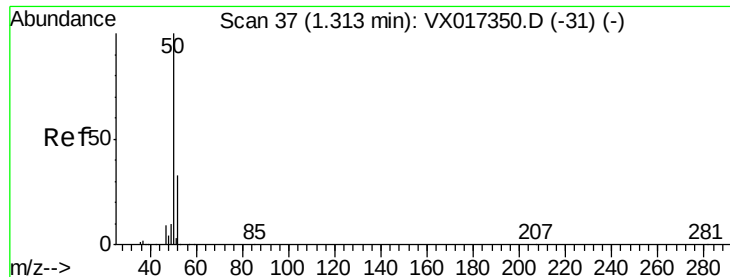
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.146 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

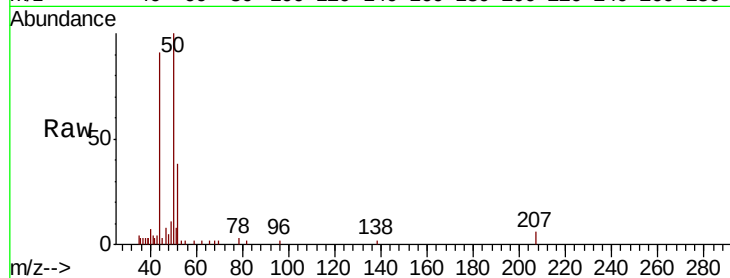
LOQ-WATER-02-QT3-2020

Tot Ion: 50 Resp: 3424

Ion Ratio Lower Upper

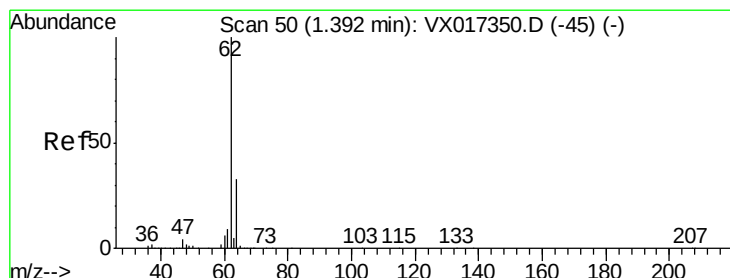
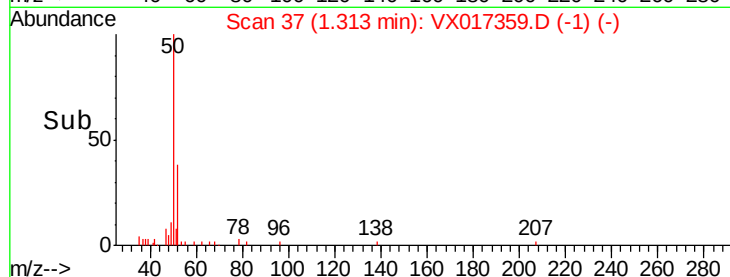
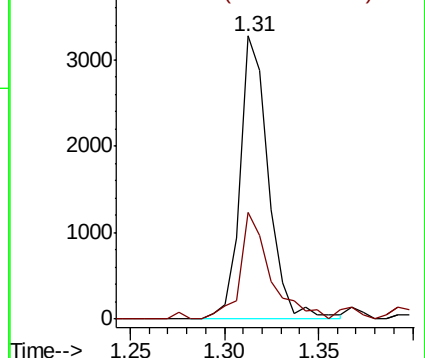
50 100

52 37.9 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: 0.937 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017359.D

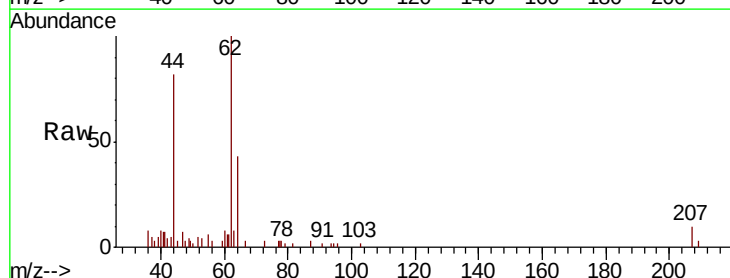
Acq: 13 Jul 2020 17:36

Tgt Ion: 62 Resp: 2768

Ion Ratio Lower Upper

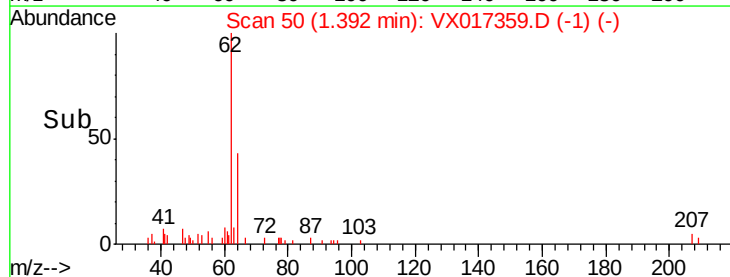
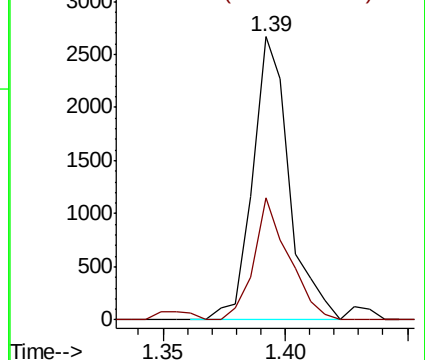
62 100

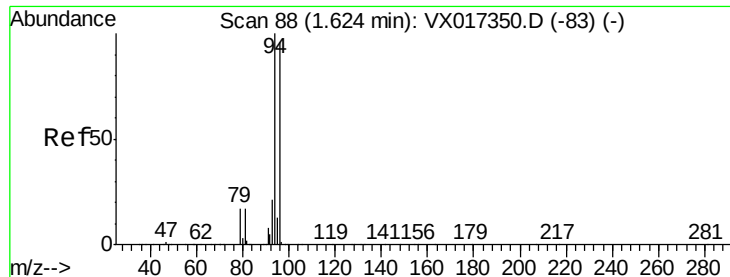
64 43.3 26.3 39.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.610 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

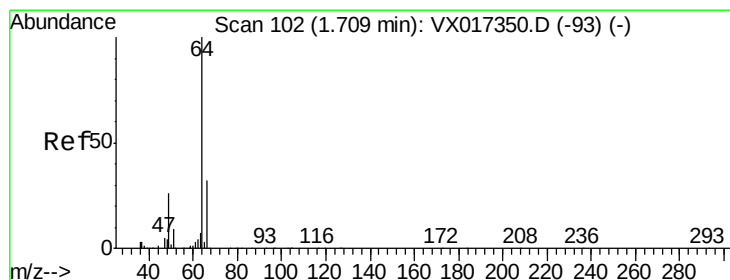
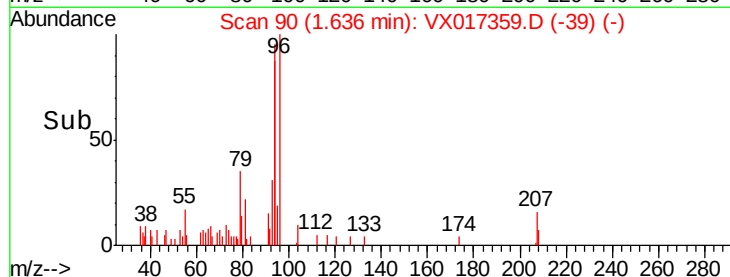
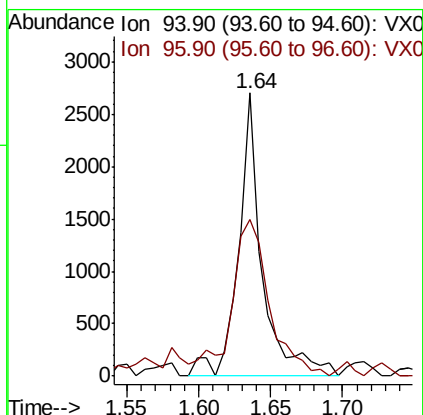
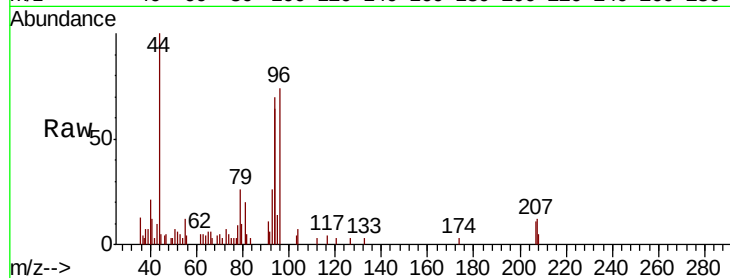
LOQ-WATER-02-QT3-2020

Tot Ion: 94 Resp: 3097

Ion Ratio Lower Upper

94 100

96 52.5 76.6 115.0#



#6

Chloroethane

Concen: 1.222 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017359.D

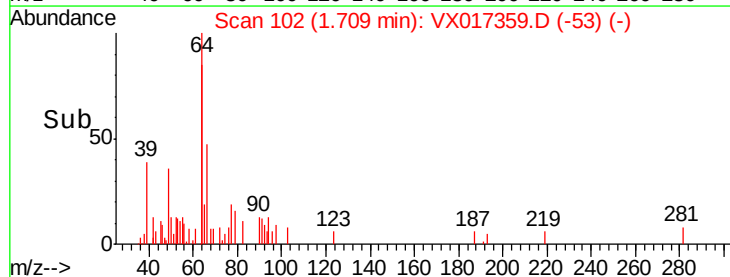
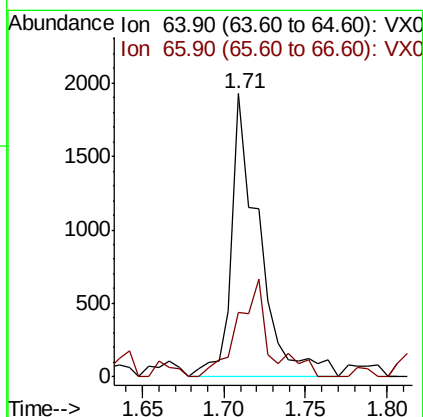
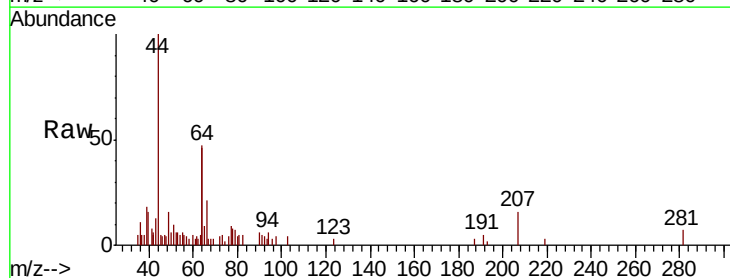
Acq: 13 Jul 2020 17:36

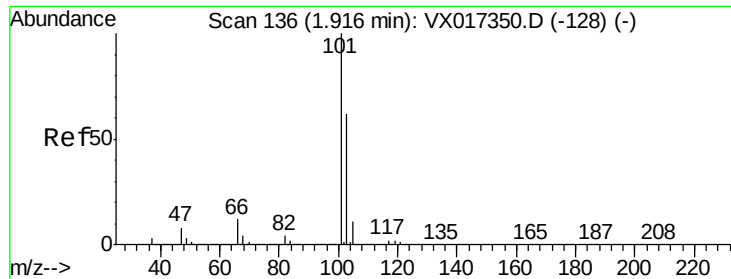
Tgt Ion: 64 Resp: 2279

Ion Ratio Lower Upper

64 100

66 23.0 25.7 38.5#



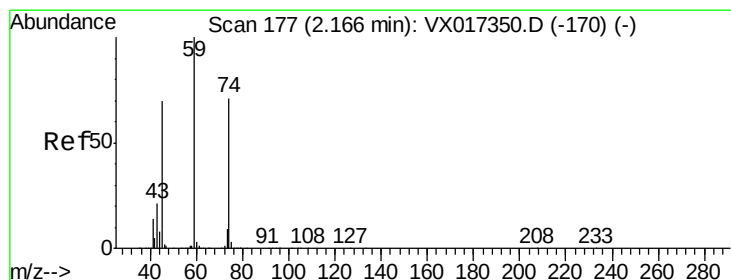
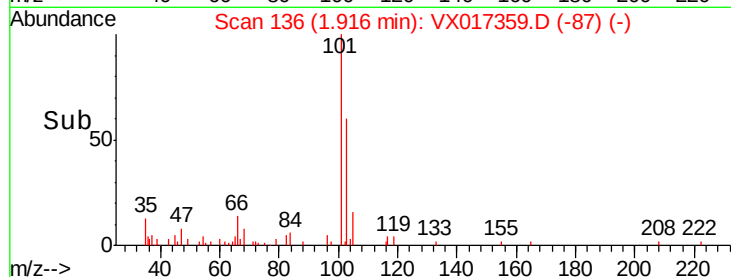
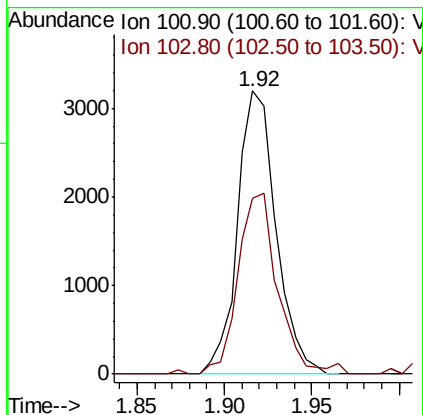
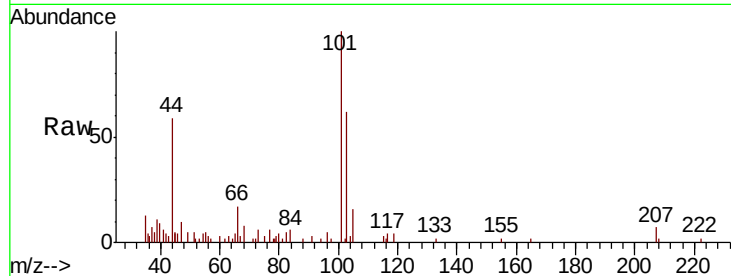


#7

Trichlorofluoromethane
Concen: 0.982 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

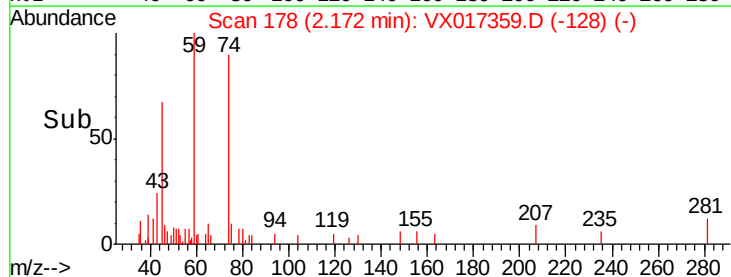
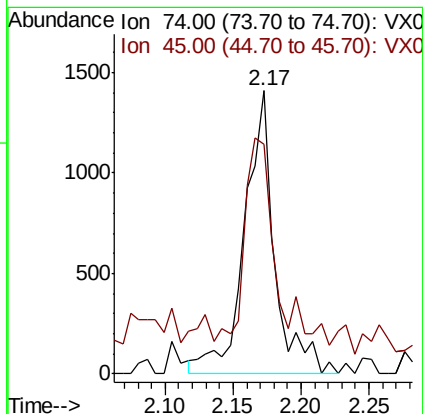
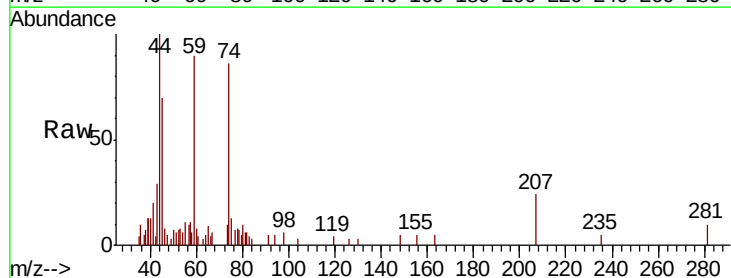
Tot Ion:101 Resp: 4899
Ion Ratio Lower Upper
101 100
103 62.2 49.6 74.4

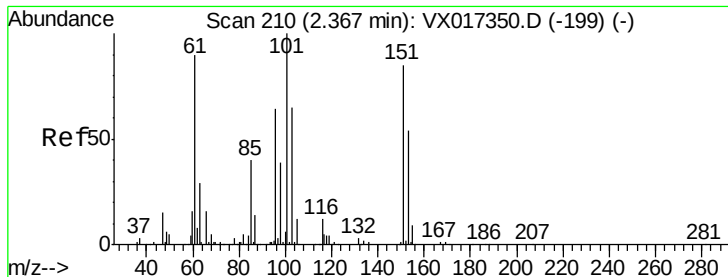


#8

Diethyl Ether
Concen: 1.236 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 74 Resp: 2179
Ion Ratio Lower Upper
74 100
45 61.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.068 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

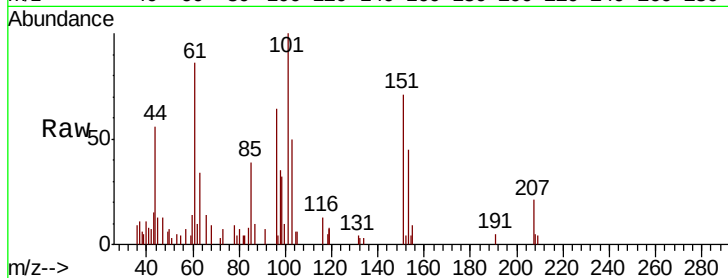
Tot Ion:101 Resp: 3035

Ion Ratio Lower Upper

101 100

85 40.8 33.7 50.5

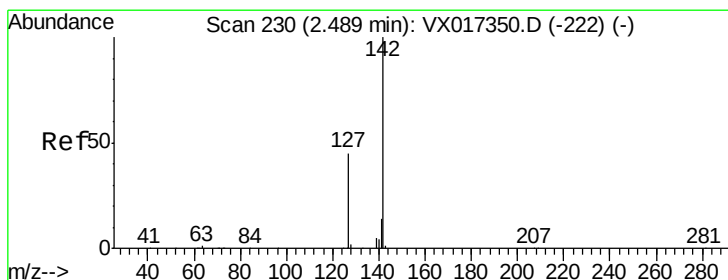
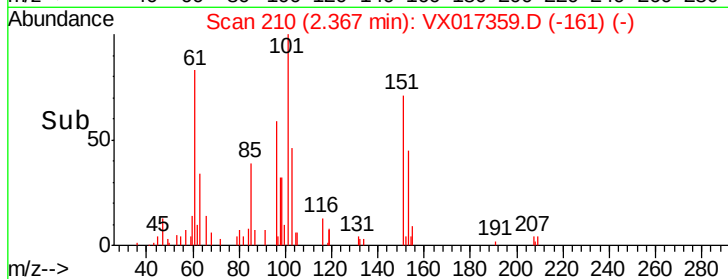
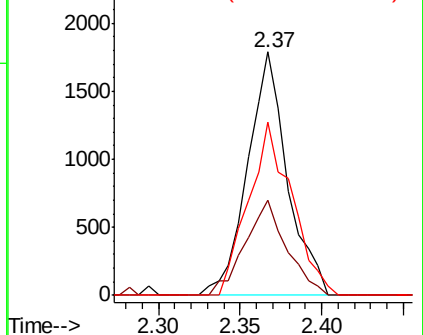
151 77.3 66.4 99.6



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



#10

Methyl Iodide

Concen: 0.751 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

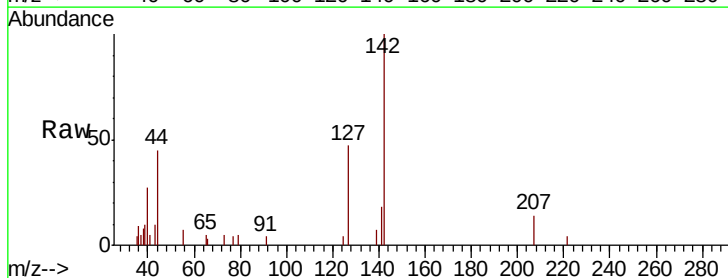
Tgt Ion:142 Resp: 2587

Ion Ratio Lower Upper

142 100

127 39.9 36.8 55.2

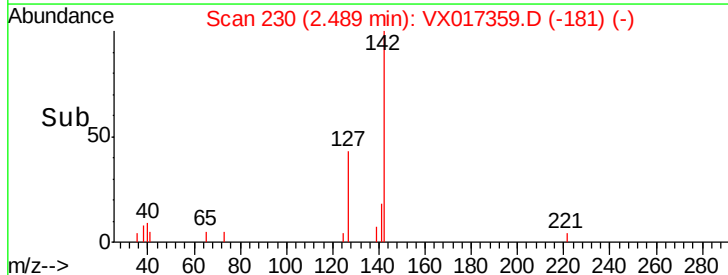
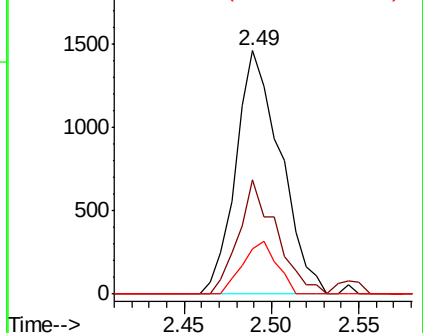
141 16.5 11.4 17.0

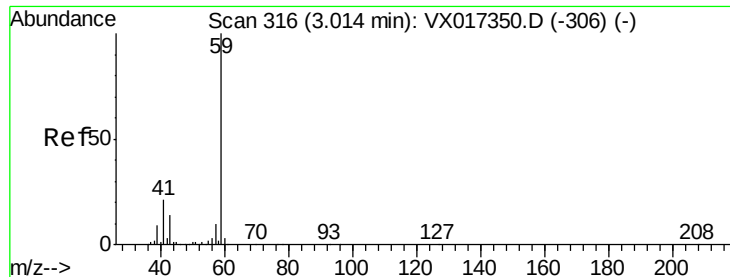


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

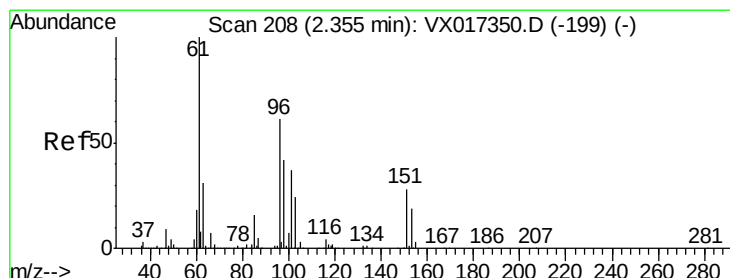
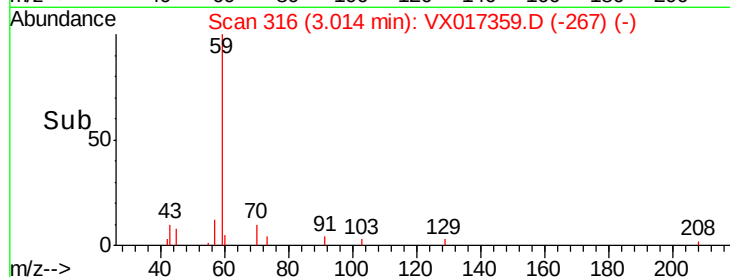
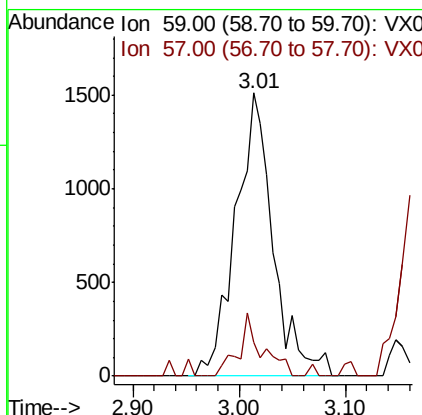
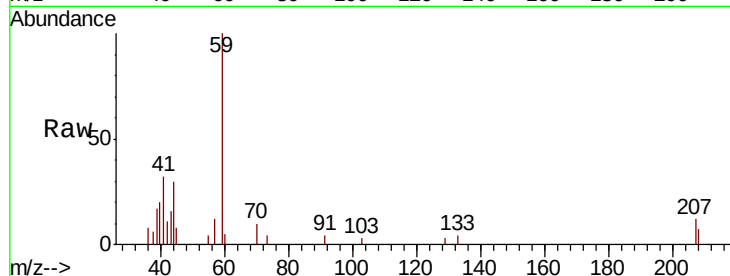




#11
Tert butyl alcohol
Concen: 5.638 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

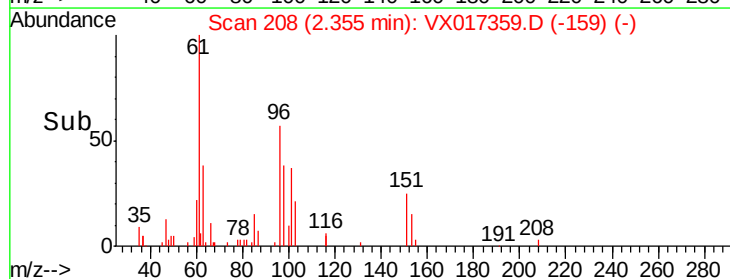
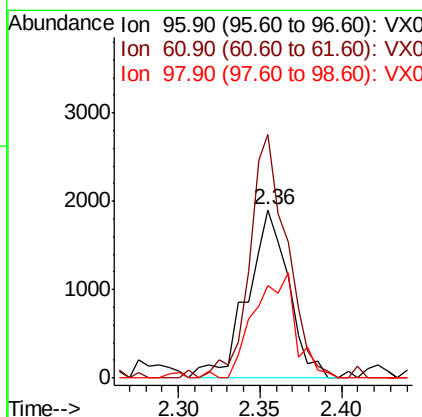
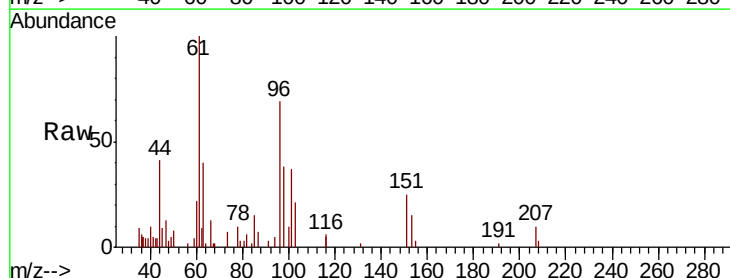
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

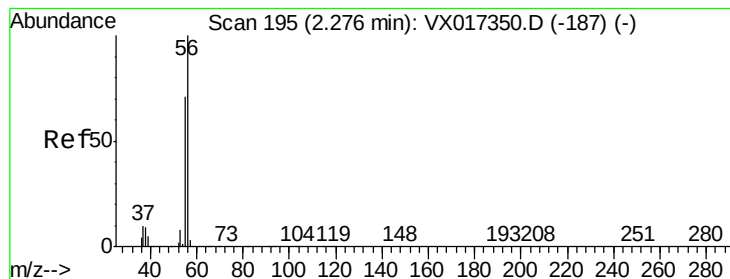
Tot Ion: 59 Resp: 3738
Ion Ratio Lower Upper
59 100
57 13.9 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 1.169 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 96 Resp: 3335
Ion Ratio Lower Upper
96 100
61 144.8 131.5 197.3
98 55.2 55.1 82.7





#13

Acrolein

Concen: 5.841 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

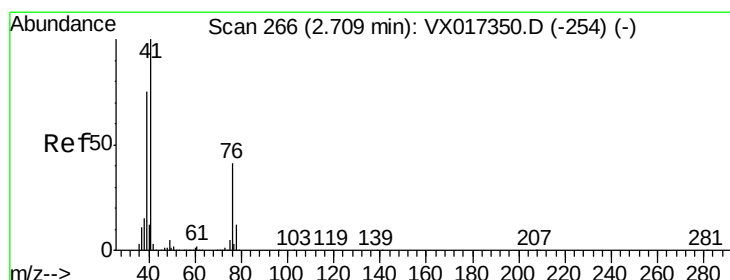
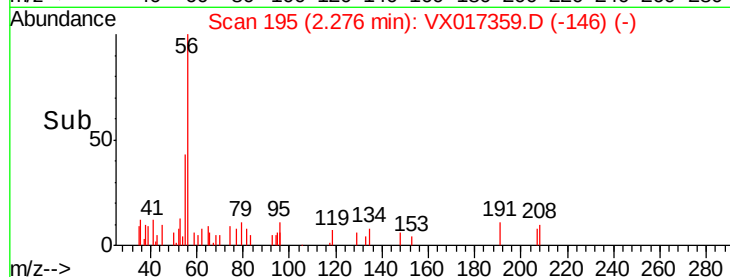
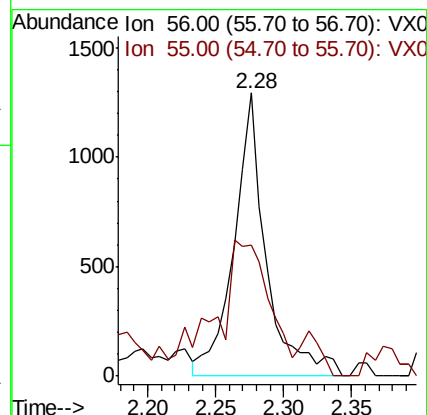
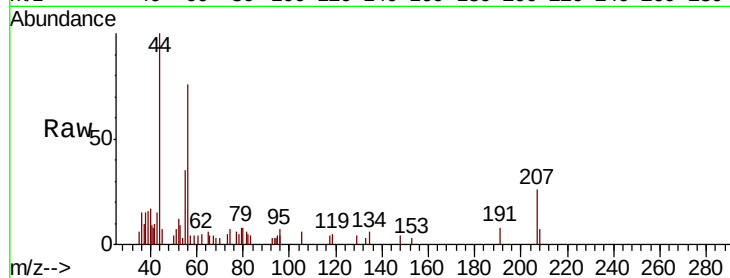
LOQ-WATER-02-QT3-2020

Tot Ion: 56 Resp: 2123

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



#14

Allyl chloride

Concen: 1.129 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

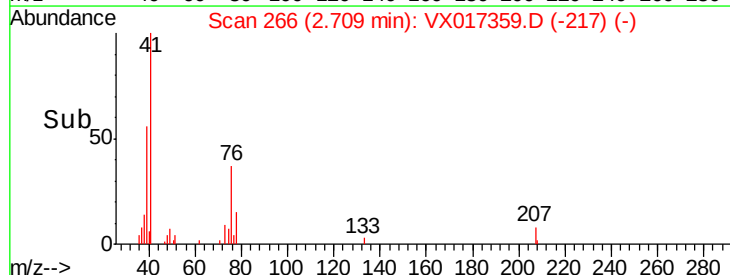
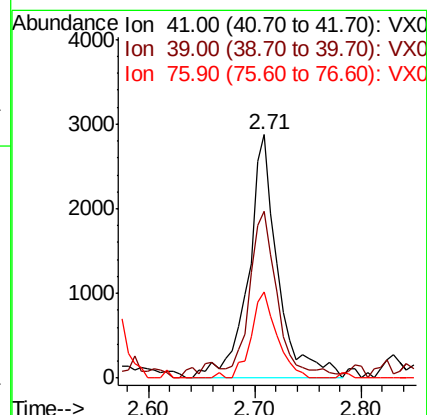
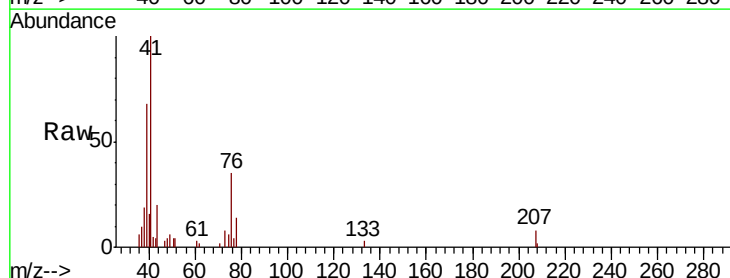
Tgt Ion: 41 Resp: 5580

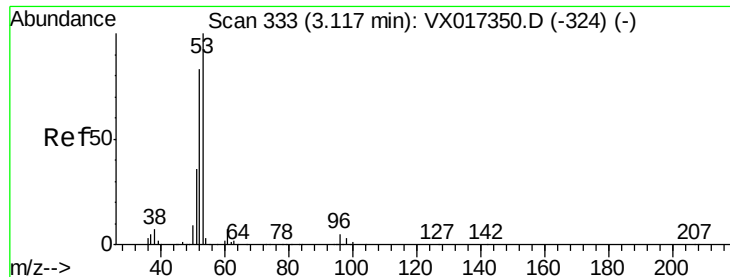
Ion Ratio Lower Upper

41 100

39 62.3 53.0 79.4

76 31.3 28.2 42.2





#15

Acrylonitrile

Concen: 5.587 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

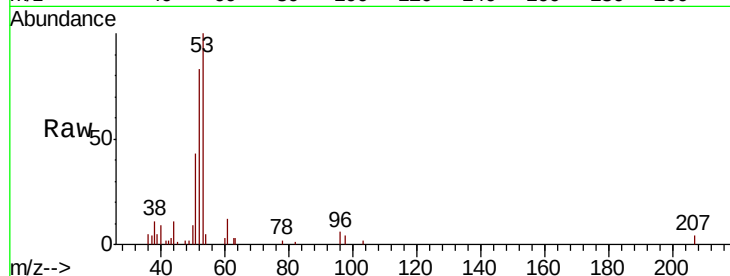
Tot Ion: 53 Resp: 8980

Ion Ratio Lower Upper

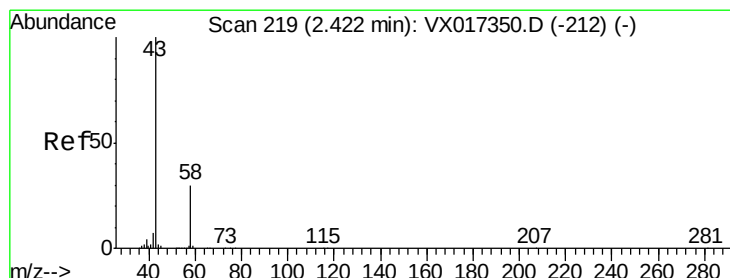
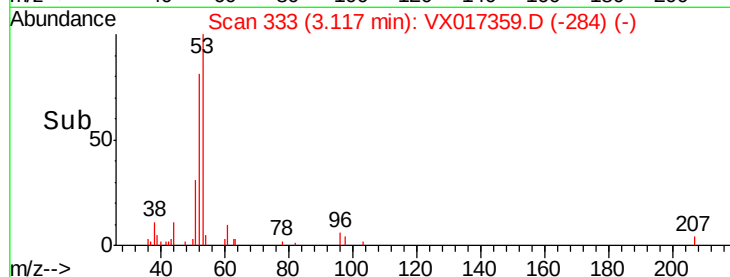
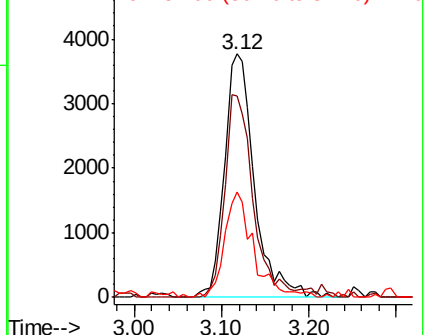
53 100

52 78.1 65.8 98.6

51 41.8 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: 6.042 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017359.D

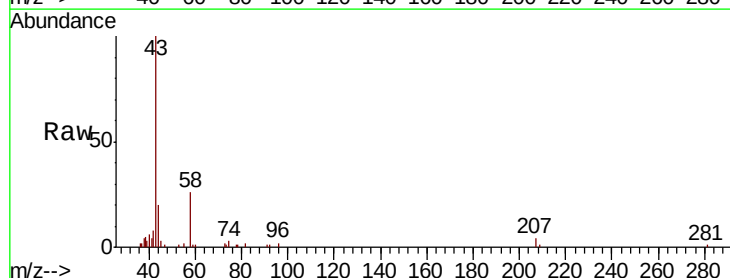
Acq: 13 Jul 2020 17:36

Tgt Ion: 43 Resp: 8483

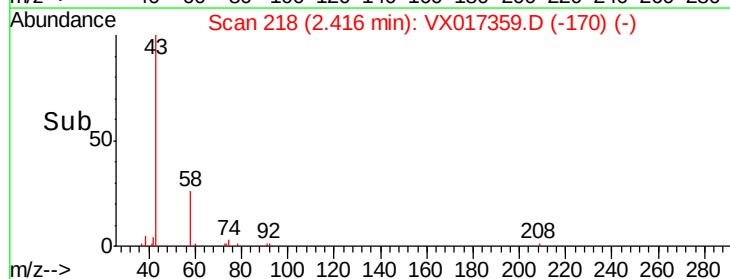
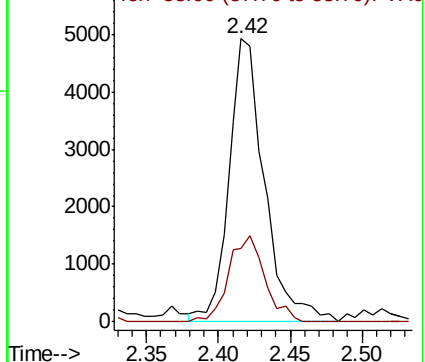
Ion Ratio Lower Upper

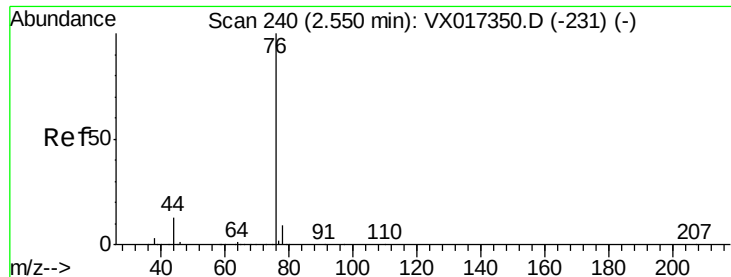
43 100

58 26.0 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: 1.155 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

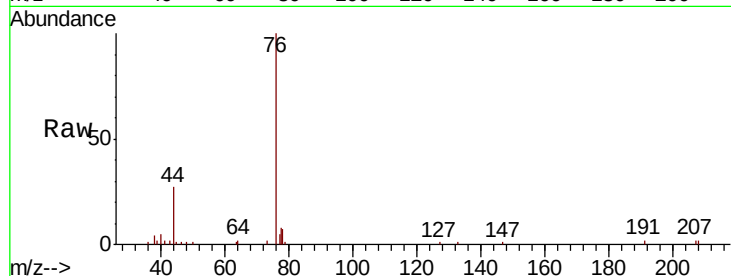
LOQ-WATER-02-QT3-2020

Tot Ion: 76 Resp: 9615

Ion Ratio Lower Upper

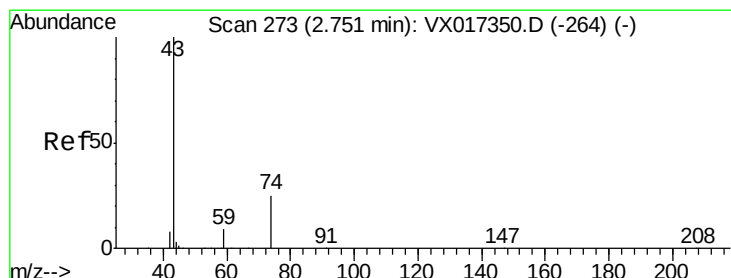
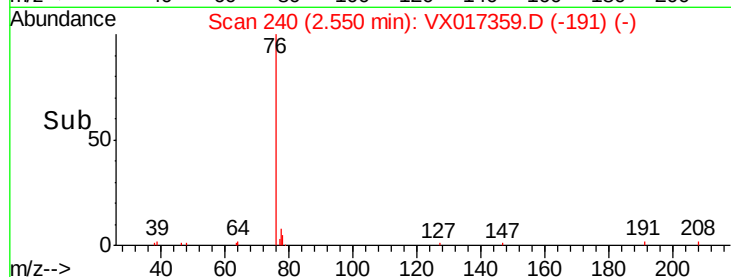
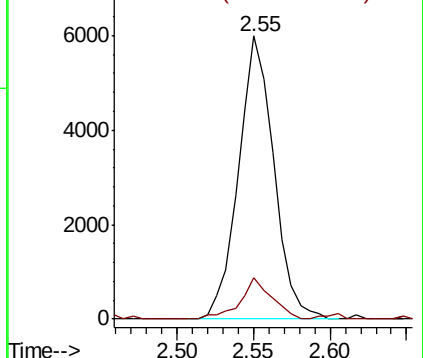
76 100

78 14.7 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: 1.131 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017359.D

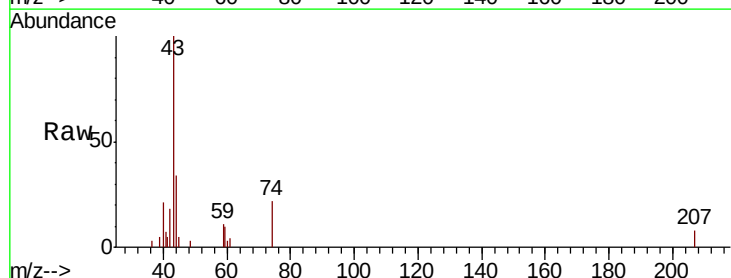
Acq: 13 Jul 2020 17:36

Tgt Ion: 43 Resp: 3923

Ion Ratio Lower Upper

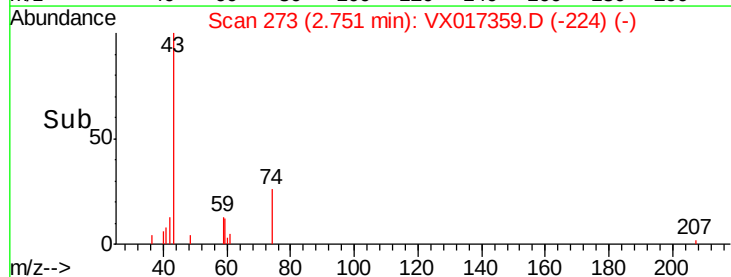
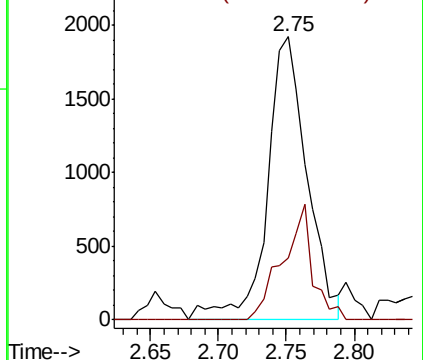
43 100

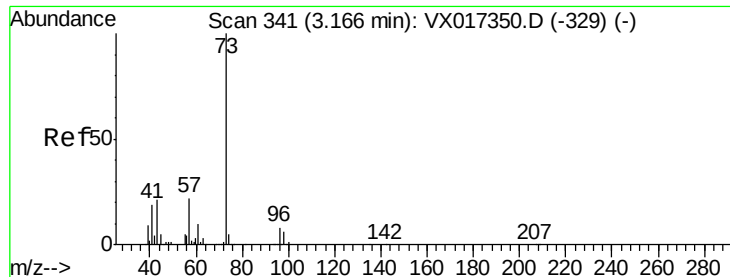
74 30.8 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



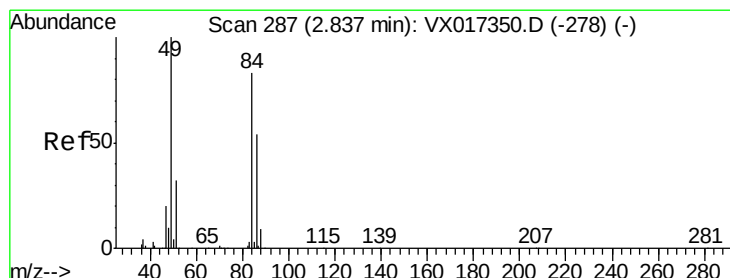
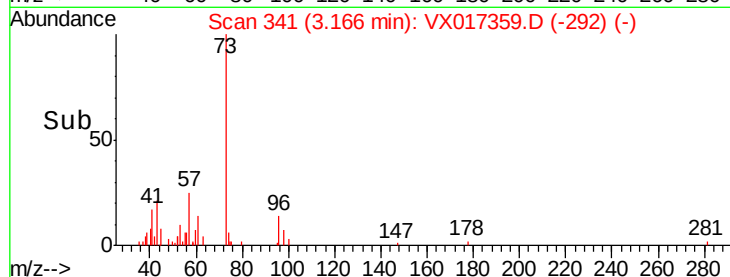
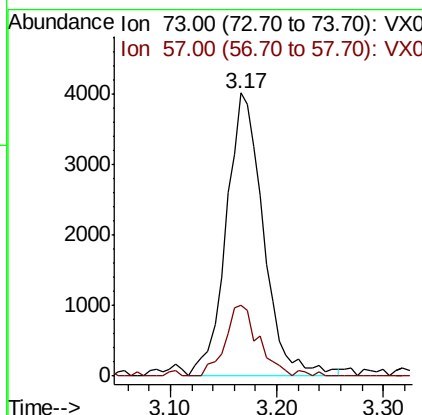
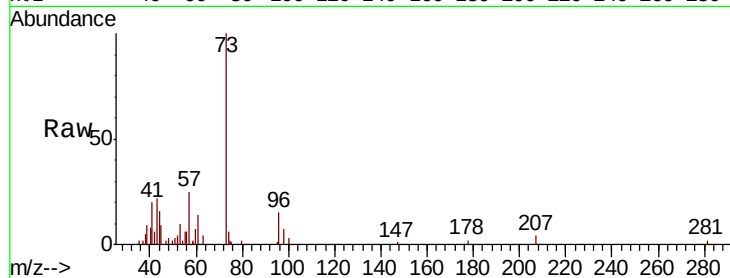


#19

Methyl tert-butyl Ether
 Concen: 1.016 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

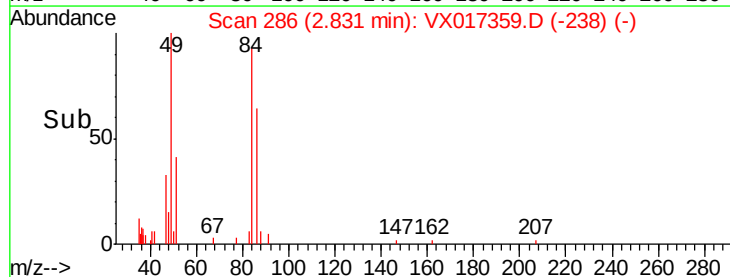
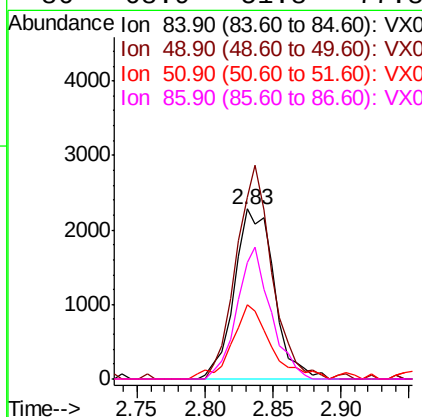
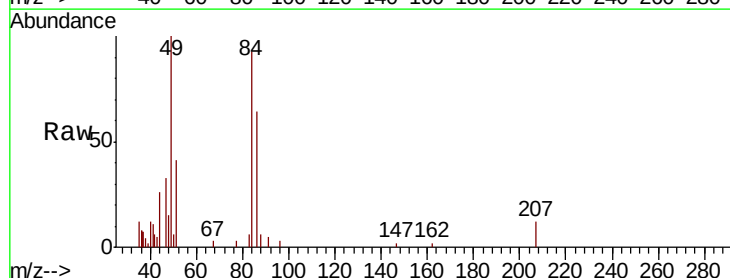
Tot Ion: 73 Resp: 9847
 Ion Ratio Lower Upper
 73 100
 57 24.9 17.5 26.3

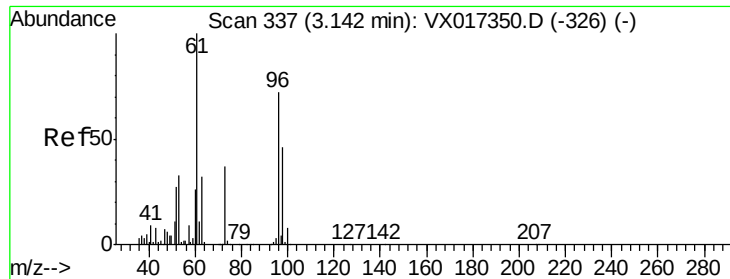


#20

Methylene Chloride
 Concen: 1.363 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion: 84 Resp: 4670
 Ion Ratio Lower Upper
 84 100
 49 107.0 95.8 143.8
 51 43.9 31.0 46.4
 86 68.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 1.075 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

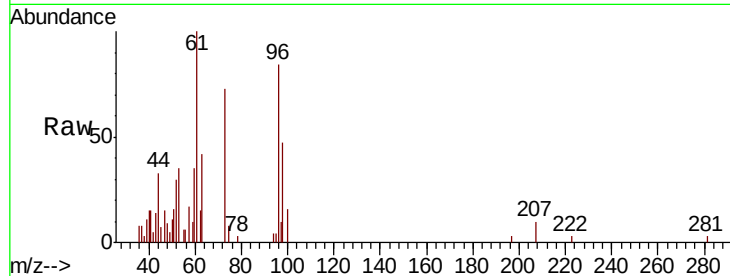
Tot Ion: 96 Resp: 3510

Ion Ratio Lower Upper

96 100

61 118.4 111.1 166.7

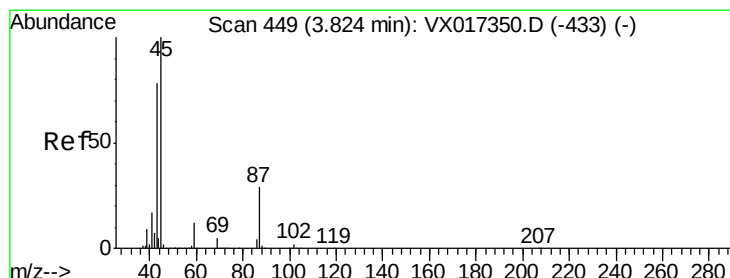
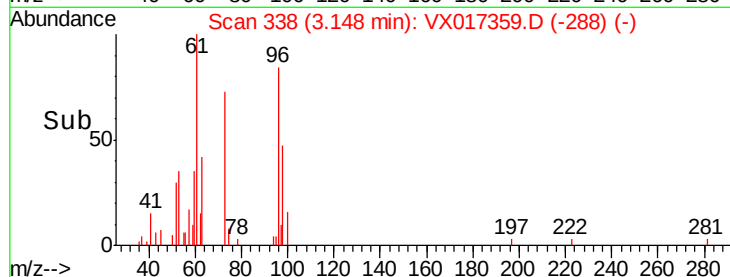
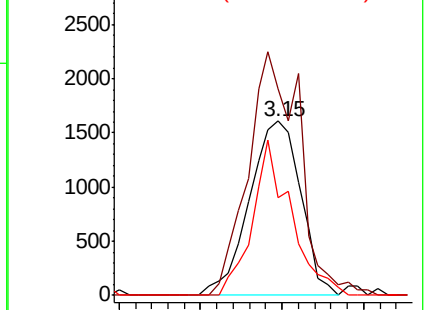
98 55.8 51.4 77.0



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: 1.030 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion: 45 Resp: 9704

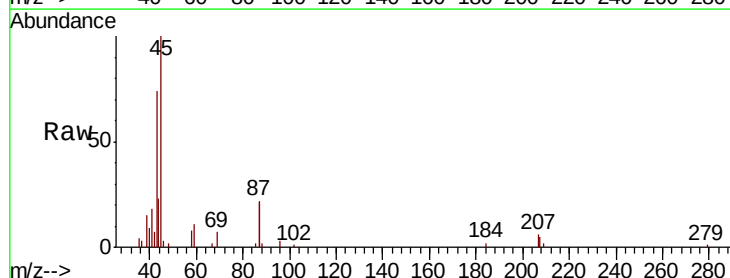
Ion Ratio Lower Upper

45 100

43 68.6 62.2 93.2

87 42.6 23.0 34.6#

59 11.3 9.6 14.4

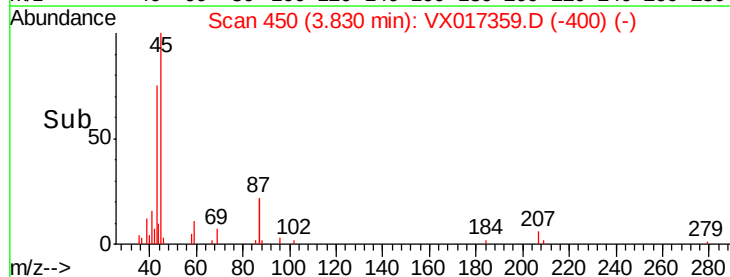
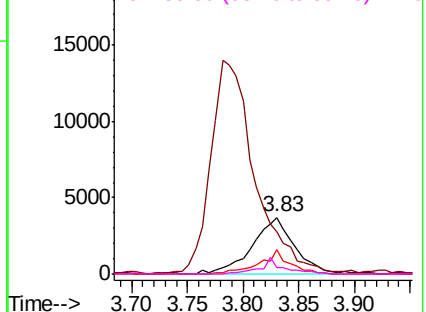


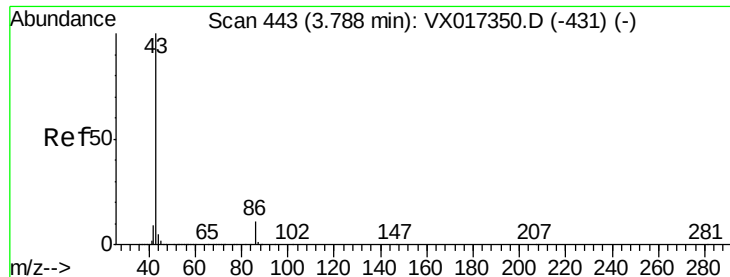
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.675 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

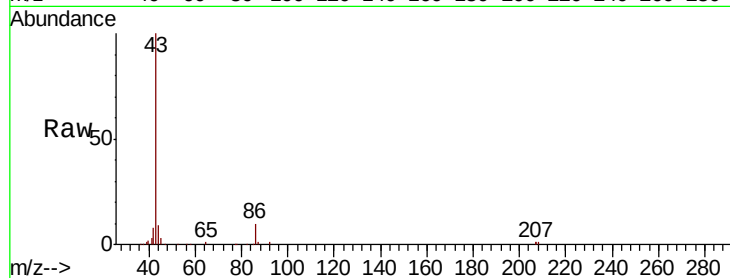
LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 38720

Ion Ratio Lower Upper

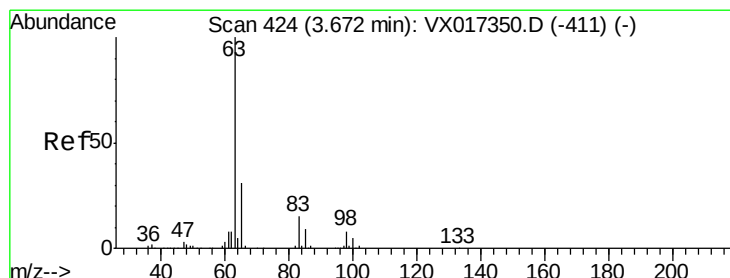
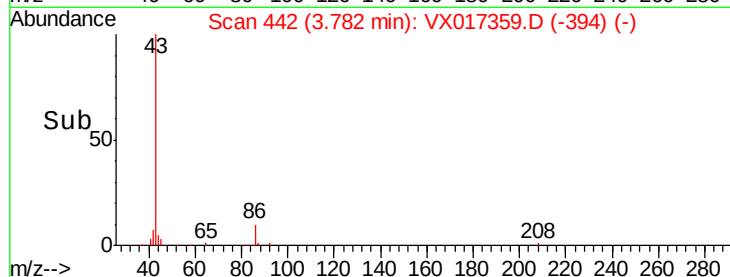
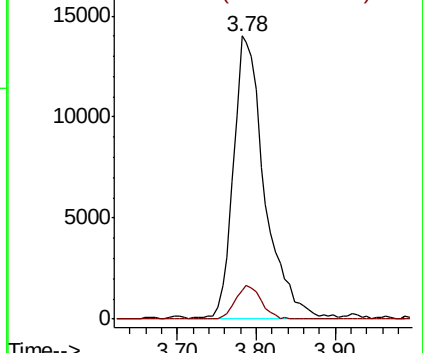
43 100

86 10.3 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: 1.114 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

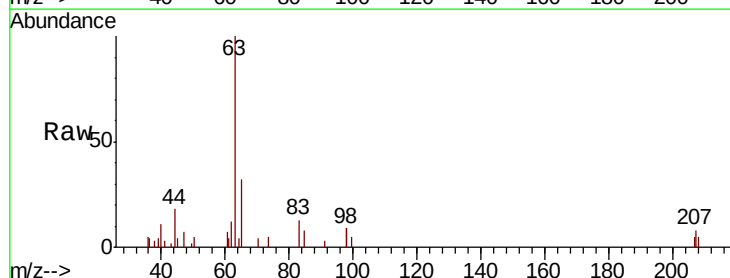
Tgt Ion: 63 Resp: 6164

Ion Ratio Lower Upper

63 100

98 18.0 3.9 11.5#

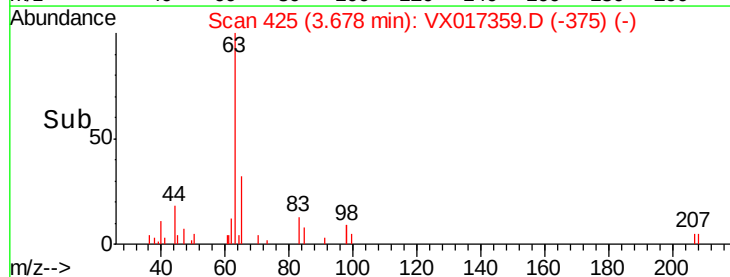
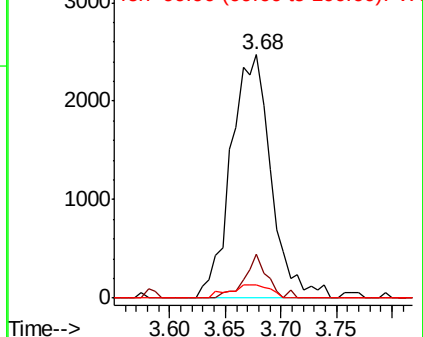
100 5.3 2.5 7.5

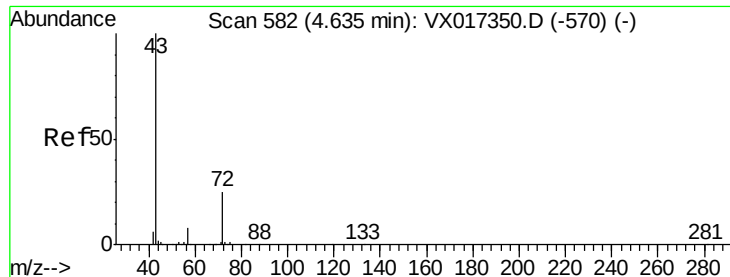


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.330 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

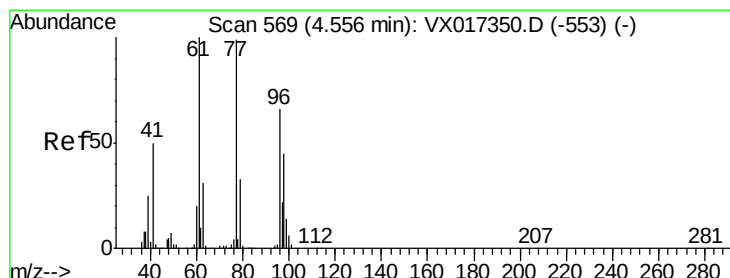
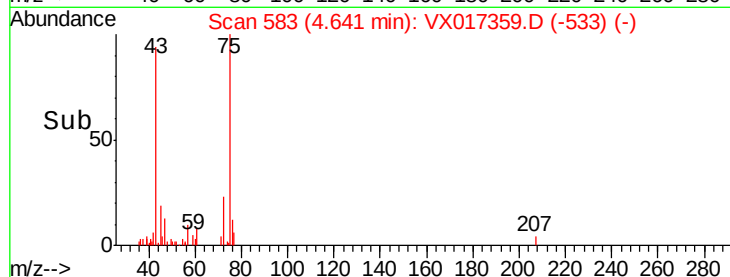
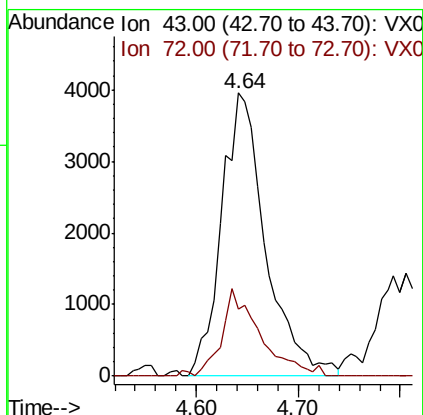
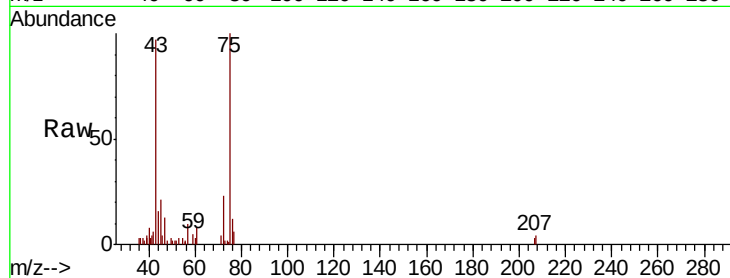
LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 11885

Ion Ratio Lower Upper

43 100

72 23.8 20.4 30.6



#26

2,2-Dichloropropane

Concen: 1.059 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.02 min

Lab File: VX017359.D

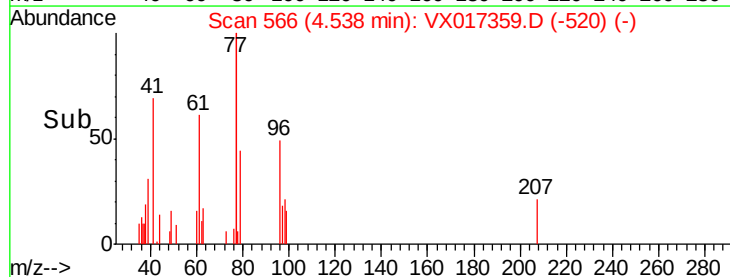
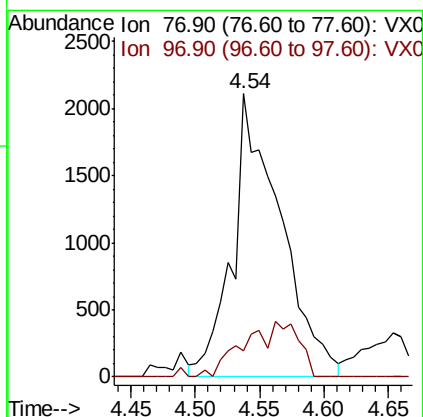
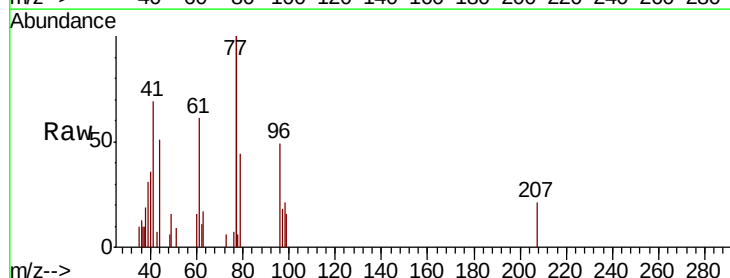
Acq: 13 Jul 2020 17:36

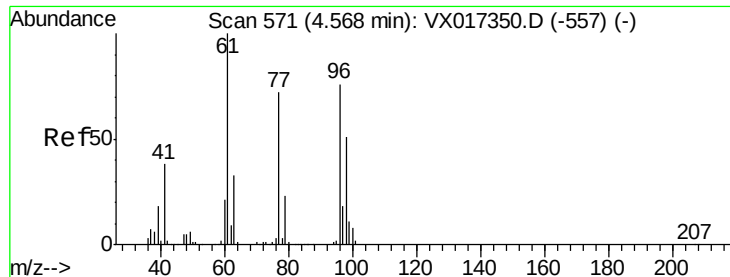
Tgt Ion: 77 Resp: 5454

Ion Ratio Lower Upper

77 100

97 11.2 11.1 33.3



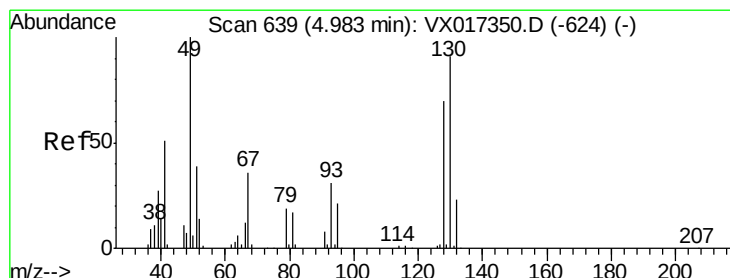
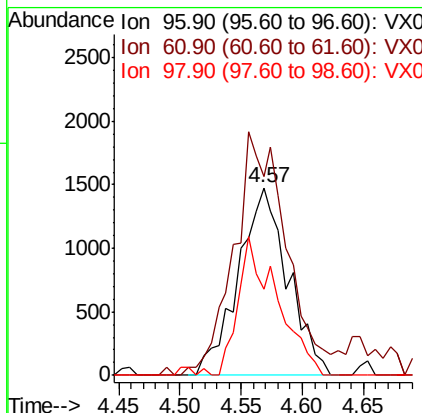
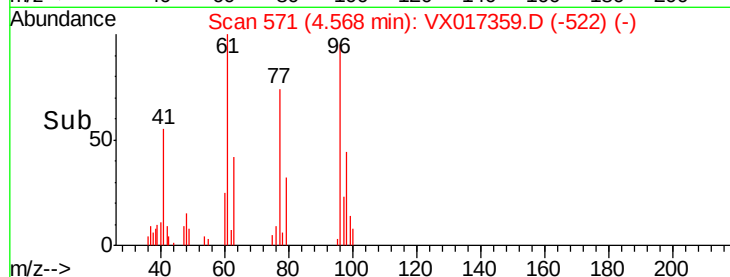
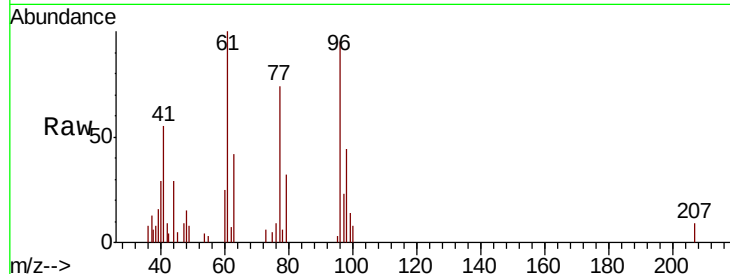


#27

cis-1,2-Dichloroethene
Concen: 1.166 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

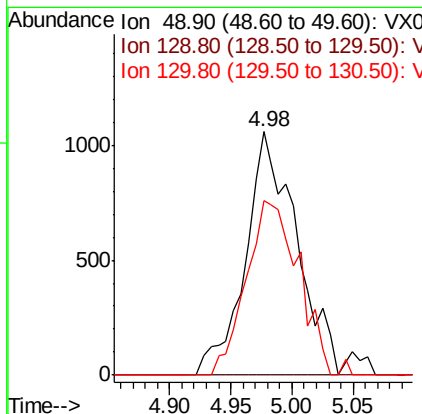
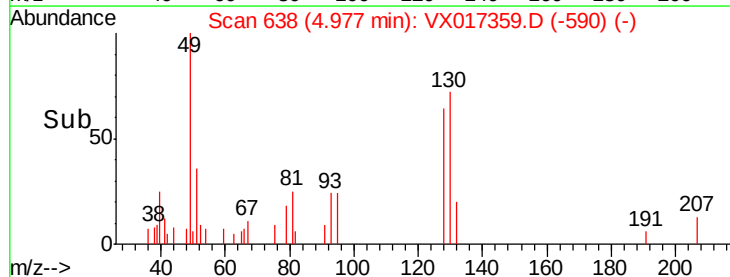
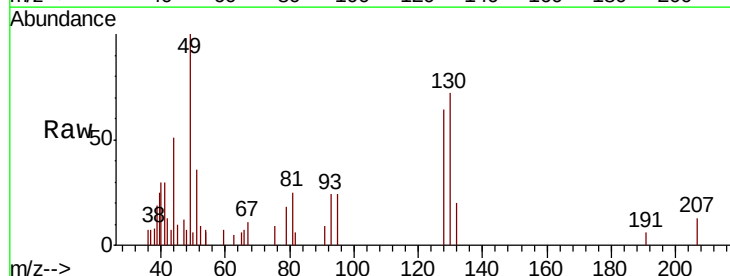
Tot Ion: 96 Resp: 4173
Ion Ratio Lower Upper
96 100
61 136.1 0.0 281.2
98 58.1 0.0 131.4

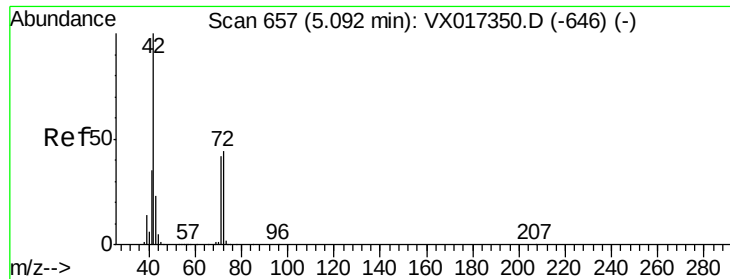


#28

Bromochloromethane
Concen: 1.205 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 49 Resp: 3082
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 73.5 71.1 106.7

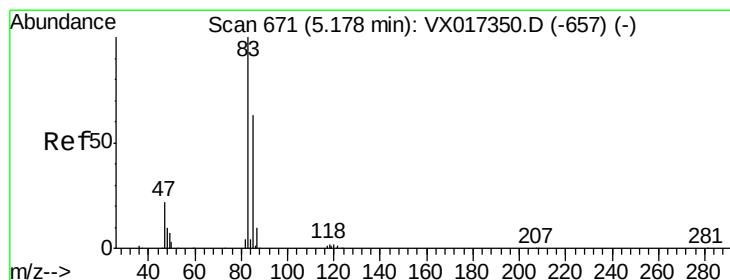
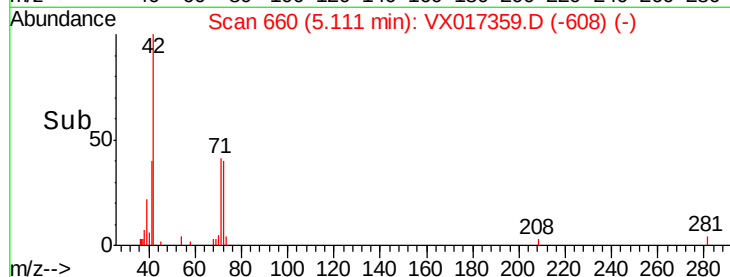
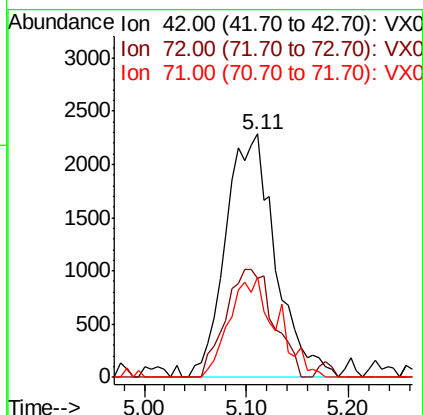
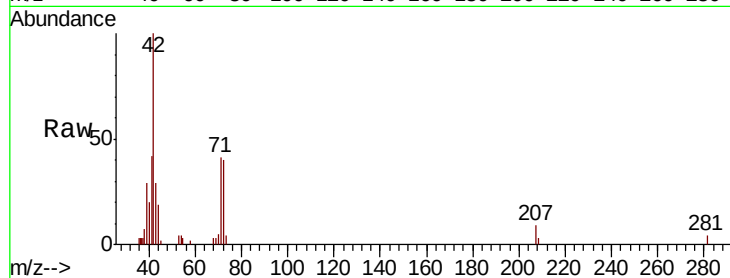




#29
Tetrahydrofuran
Concen: 5.357 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

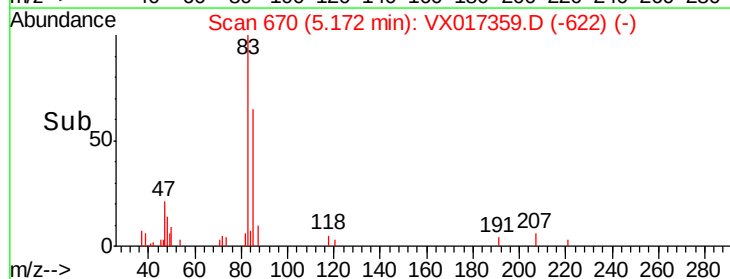
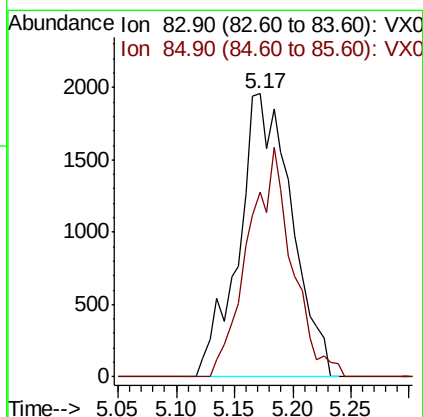
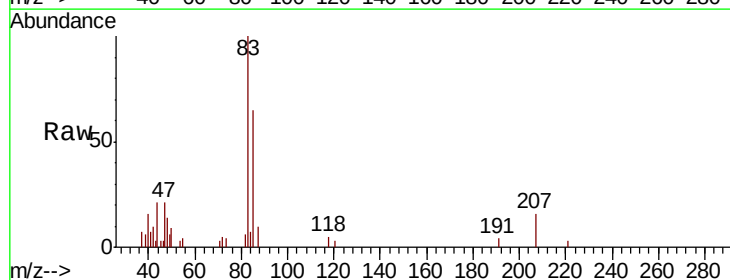
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

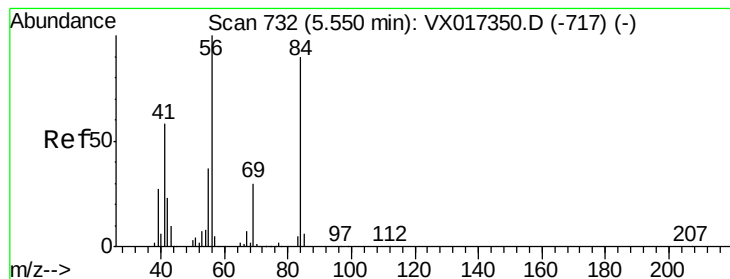
Tot Ion: 42 Resp: 7733
Ion Ratio Lower Upper
42 100
72 42.8 37.2 55.8
71 38.9 34.4 51.6



#30
Chloroform
Concen: 1.043 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 83 Resp: 6212
Ion Ratio Lower Upper
83 100
85 65.4 50.2 75.4





#31

Cyclohexane

Concen: 0.988 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

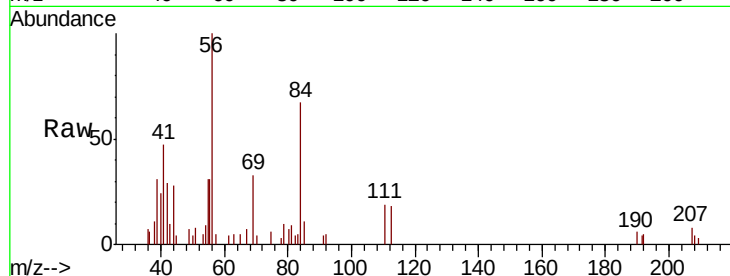
Tot Ion: 56 Resp: 4478

Ion Ratio Lower Upper

56 100

69 32.7 23.7 35.5

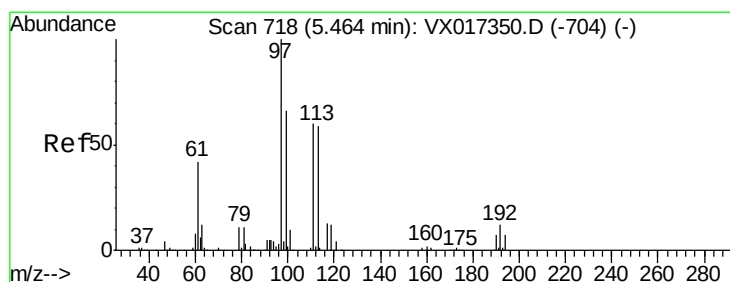
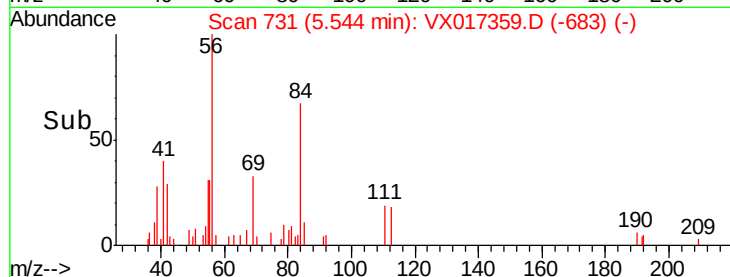
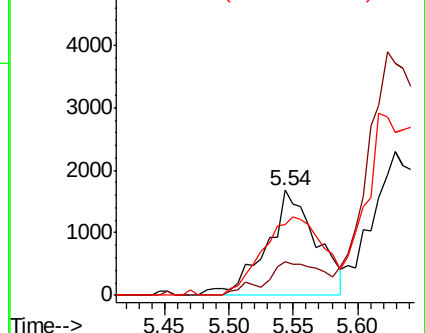
84 61.9 71.8 107.6#



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: 1.017 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

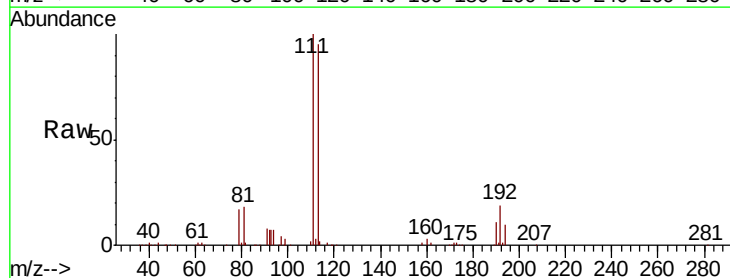
Tgt Ion: 97 Resp: 5601

Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

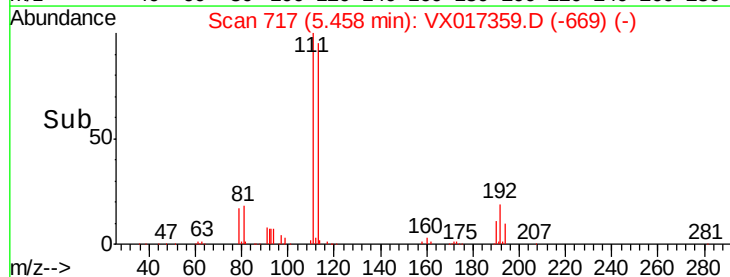
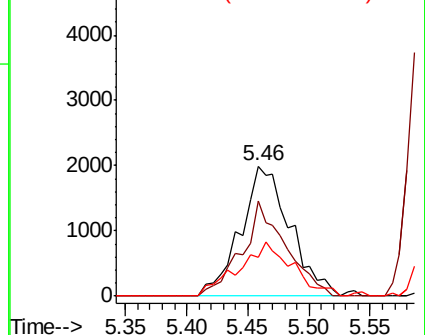
61 45.1 32.7 49.1

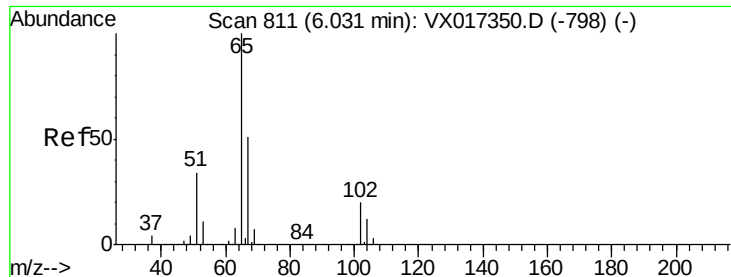


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

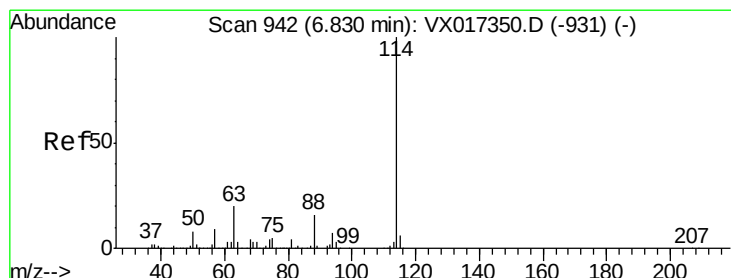
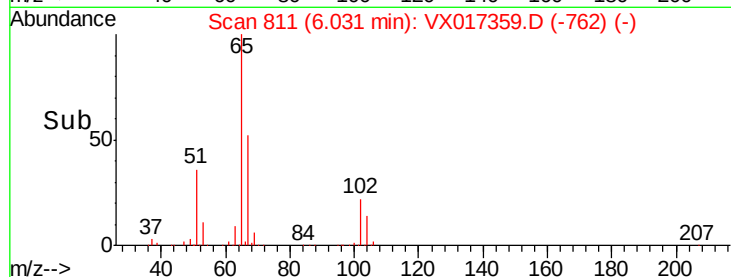
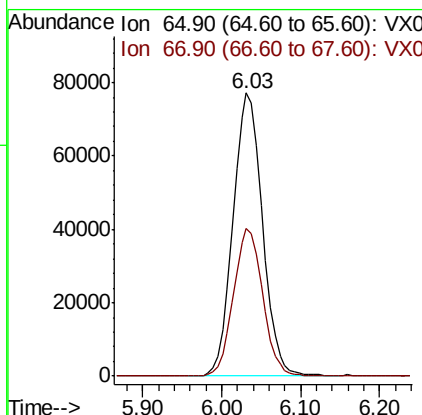
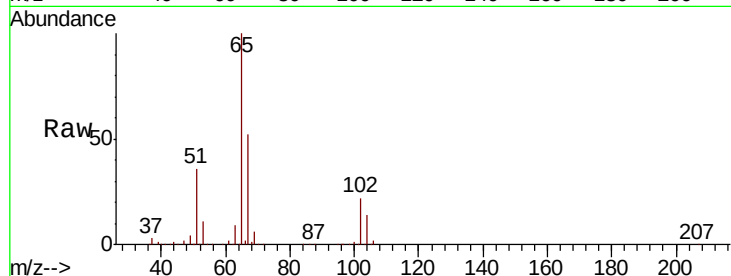




#33
 1,2-Dichloroethane-d4
 Concen: 50.960 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

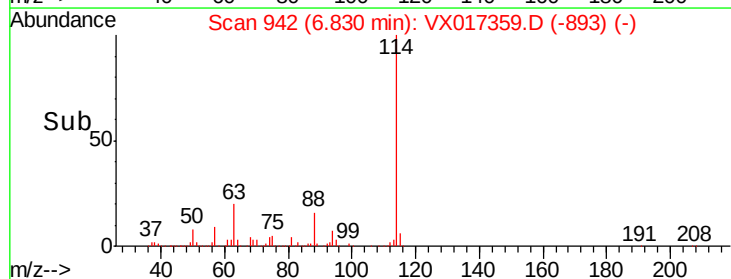
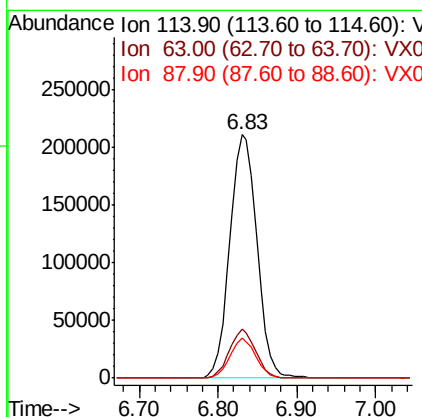
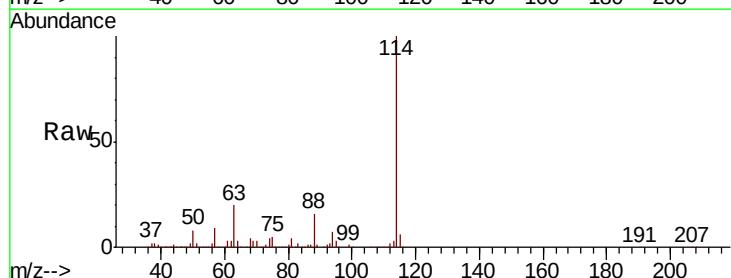
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

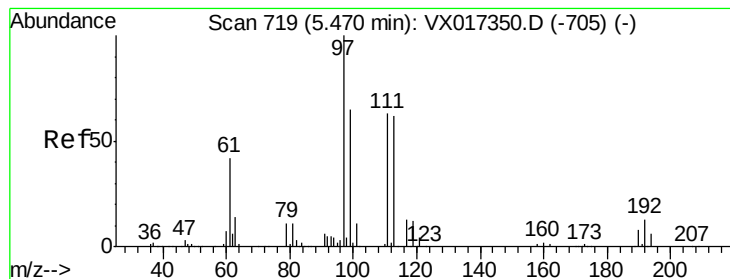
Tot Ion: 65 Resp: 200546
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion: 114 Resp: 506452
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.529 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

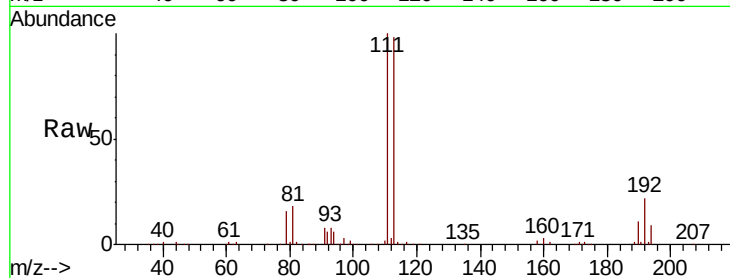
Tot Ion:113 Resp: 162146

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

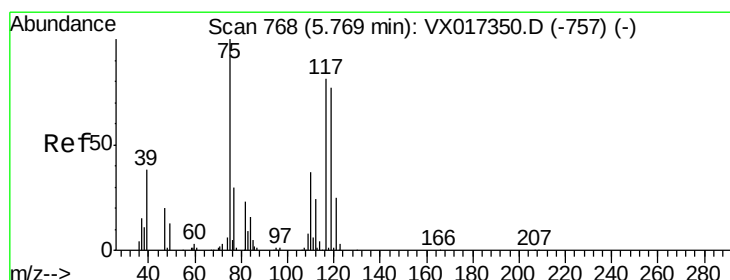
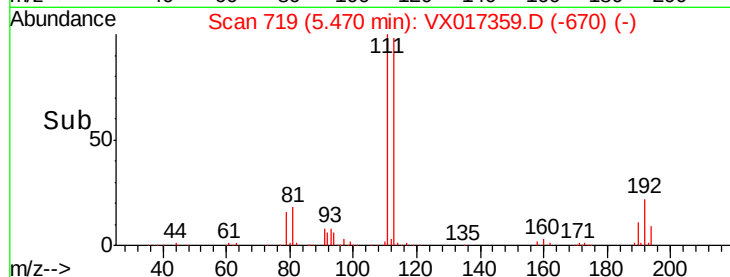
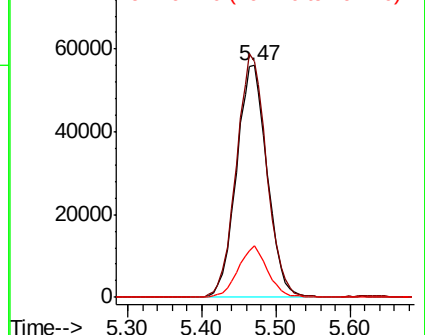
192 21.2 17.2 25.8



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: 1.017 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

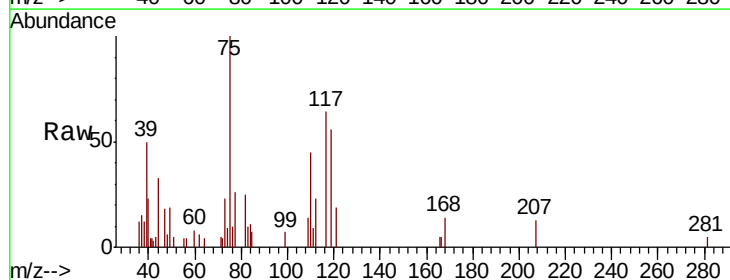
Tgt Ion: 75 Resp: 4738

Ion Ratio Lower Upper

75 100

110 40.5 18.6 55.8

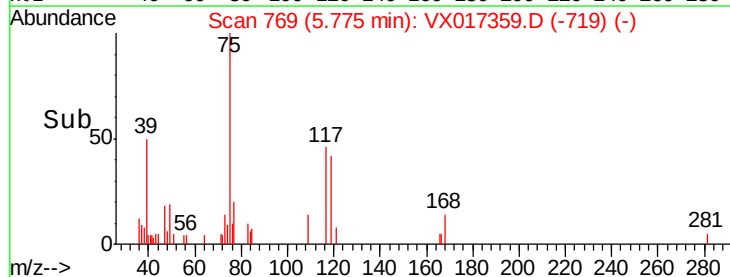
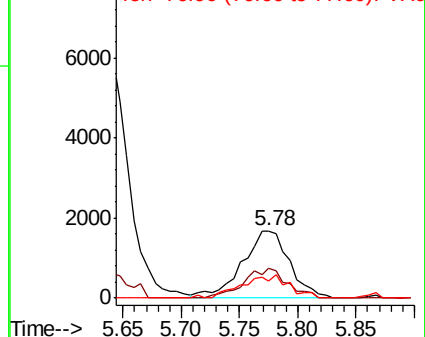
77 33.3 24.9 37.3

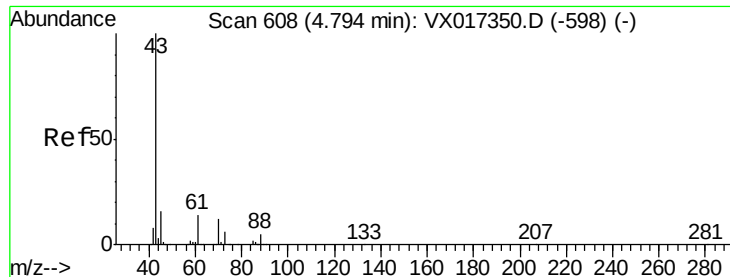


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.895 ug/l

RT: 4.81 min Scan# 610

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

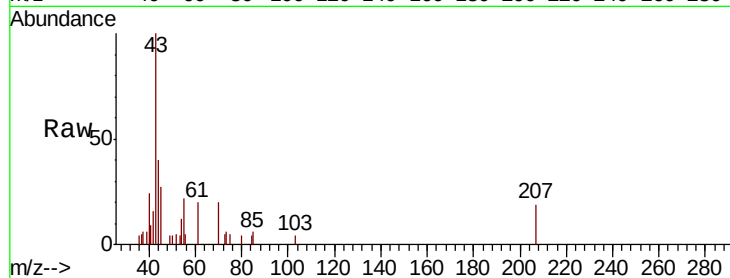
MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 4312

Ion	Ratio	Lower	Upper
43	100		
61	19.0	10.7	16.1#
70	11.5	9.0	13.6

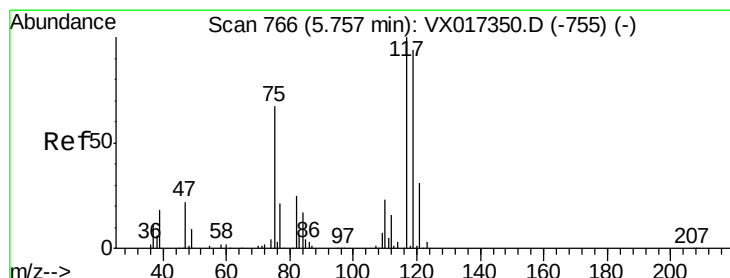
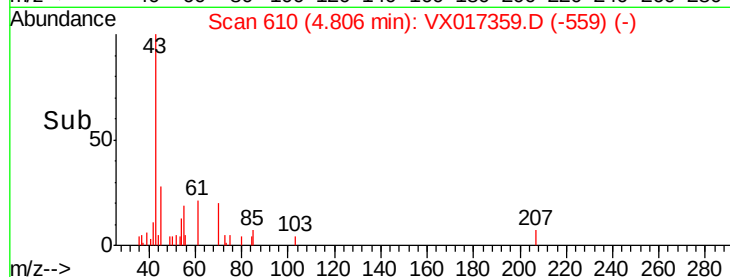
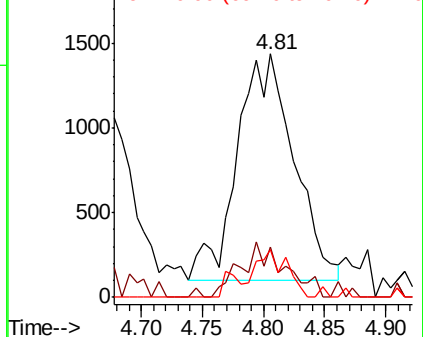


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 0.944 ug/l

RT: 5.75 min Scan# 765

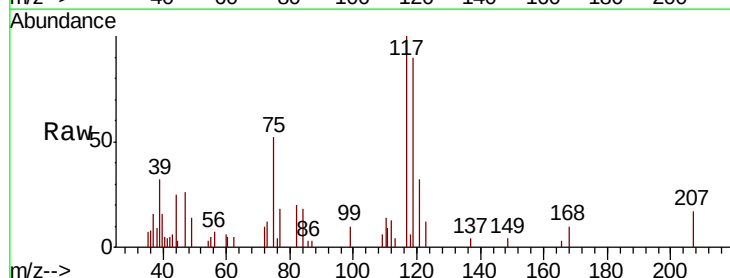
Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion: 117 Resp: 5149

Ion	Ratio	Lower	Upper
117	100		
119	89.8	74.7	112.1
121	32.2	24.5	36.7

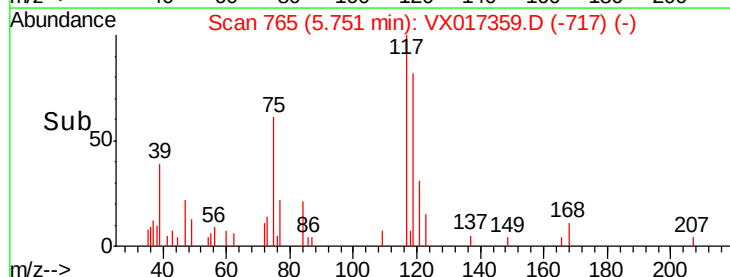
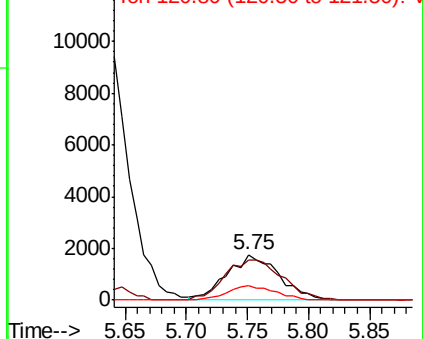


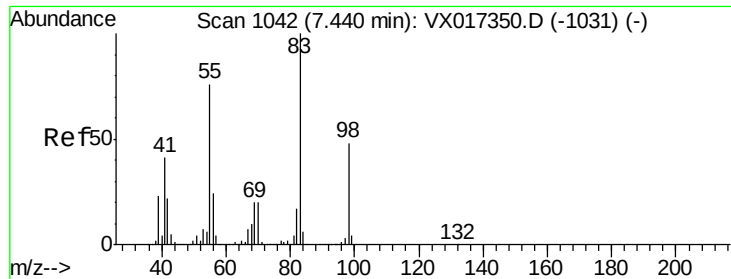
Abundance

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

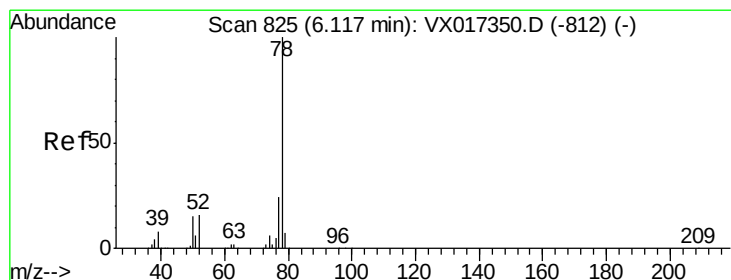
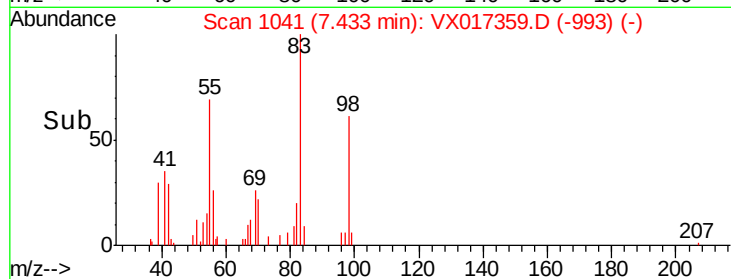
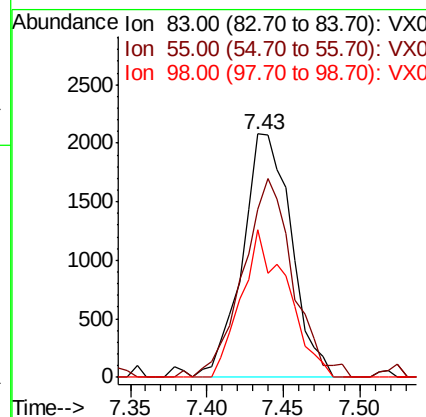
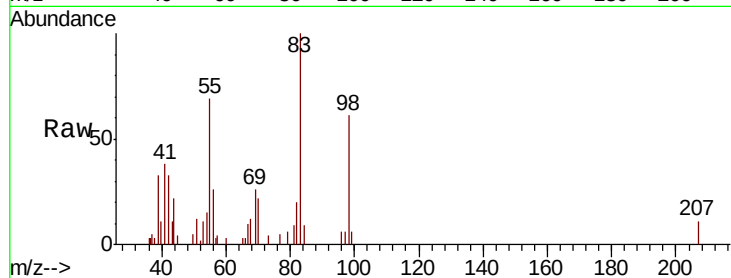




#39
Methylvlcyclohexane
Concen: 0.912 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

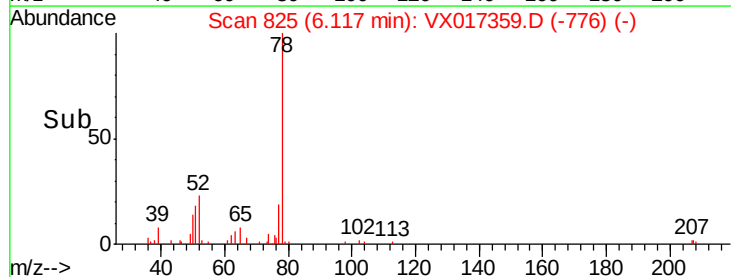
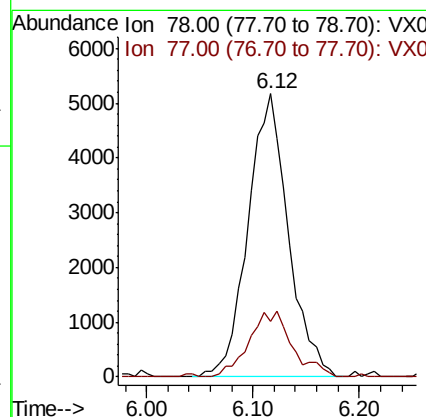
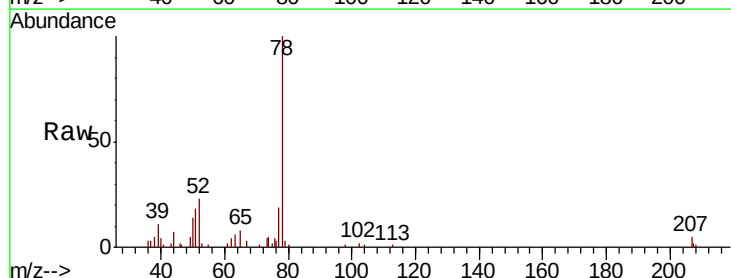
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

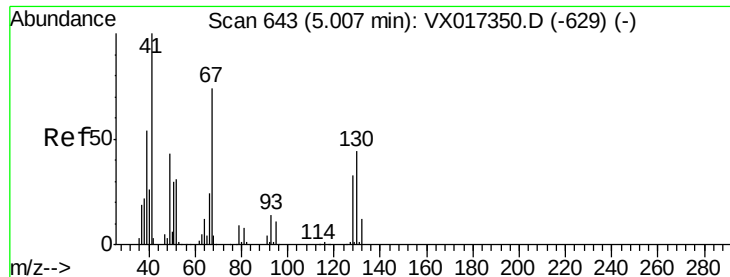
Tot Ion: 83 Resp: 4615
Ion Ratio Lower Upper
83 100
55 68.8 61.2 91.8
98 60.6 38.1 57.1#



#40
Benzene
Concen: 1.025 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 78 Resp: 13724
Ion Ratio Lower Upper
78 100
77 19.5 18.9 28.3

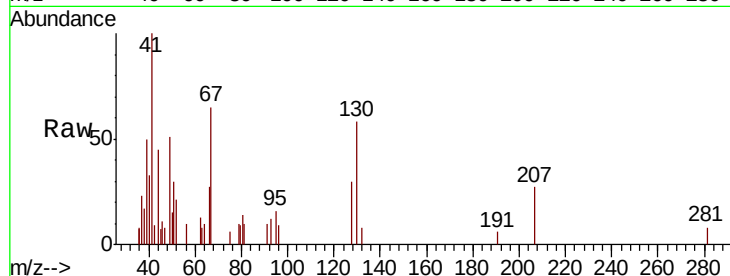




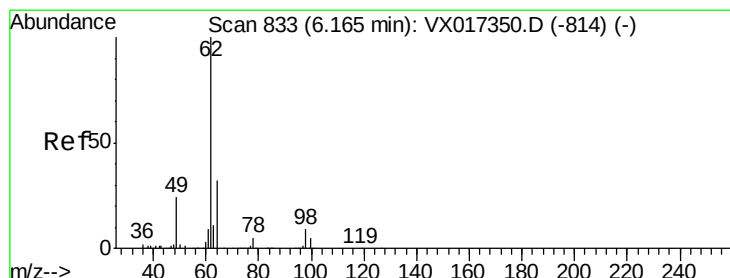
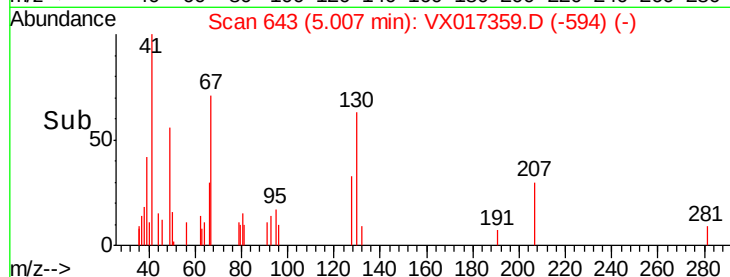
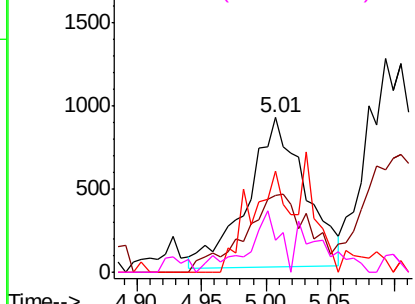
#41
Methacrylonitrile
Concen: 1.078 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion: 41 Resp: 2788
Ion Ratio Lower Upper
41 100
39 58.2 43.8 65.8
67 47.6 58.7 88.1#
52 18.0 24.9 37.3#

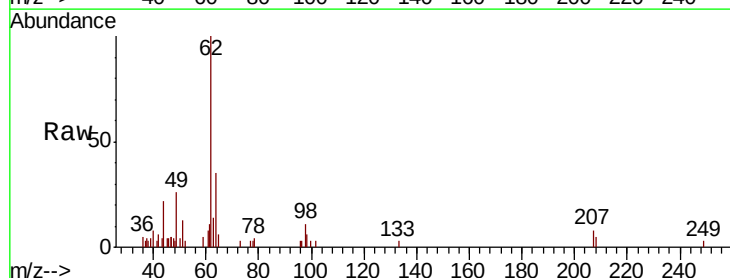


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

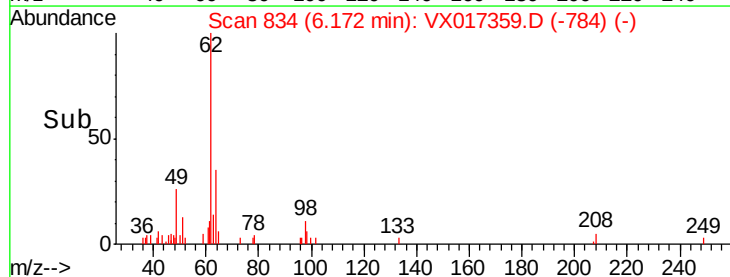
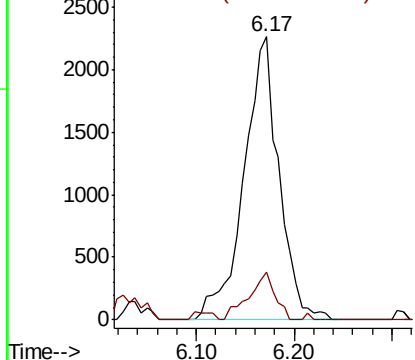


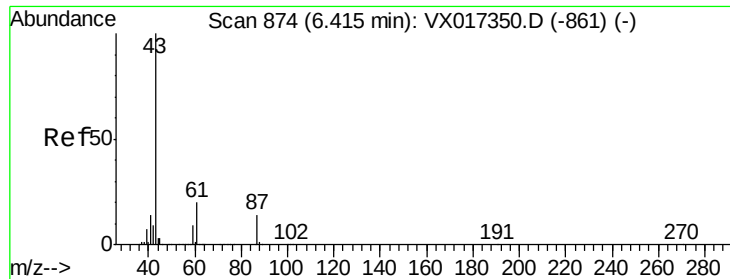
#42
1,2-Dichloroethane
Concen: 1.086 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 62 Resp: 5647
Ion Ratio Lower Upper
62 100
98 12.5 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: 0.962 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

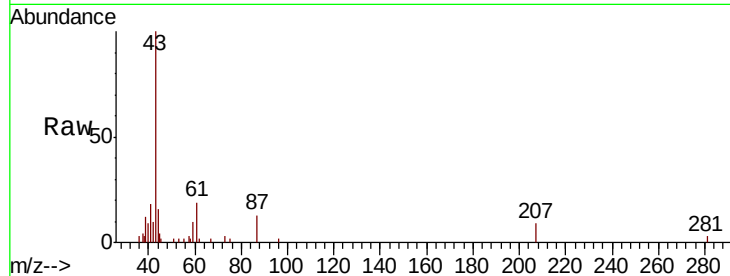
Tot Ion: 43 Resp: 7405

Ion Ratio Lower Upper

43 100

61 21.6 16.4 24.6

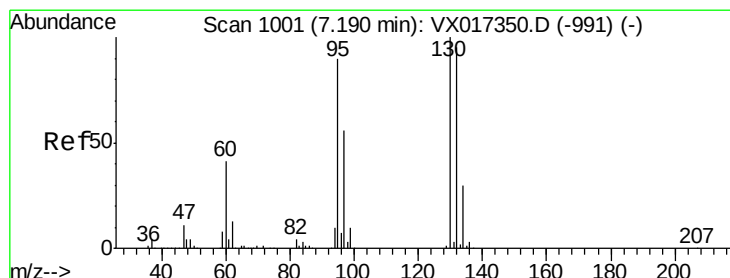
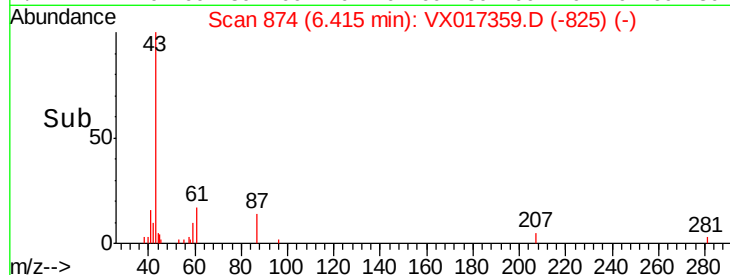
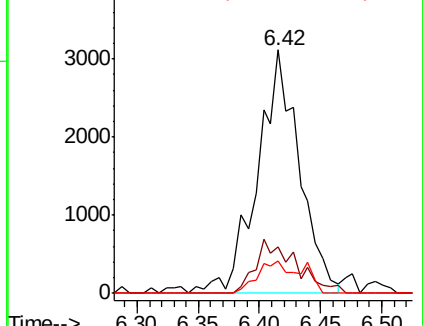
87 11.6 11.2 16.8



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: 0.965 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017359.D

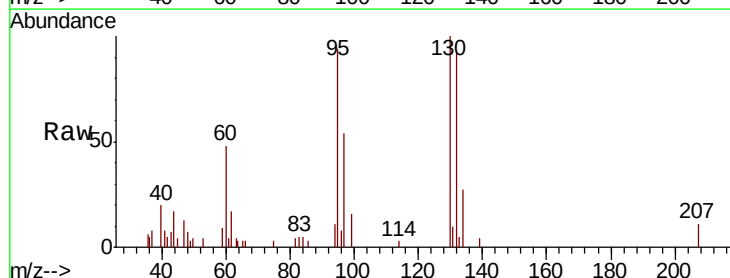
Acq: 13 Jul 2020 17:36

Tgt Ion: 130 Resp: 3946

Ion Ratio Lower Upper

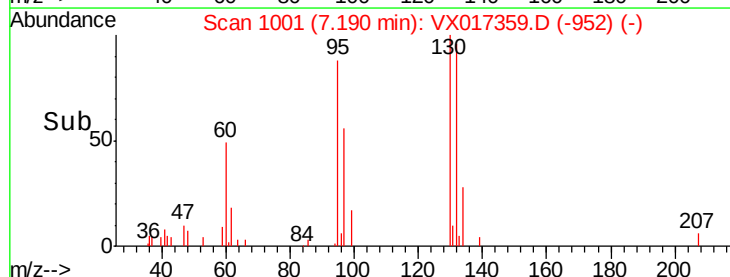
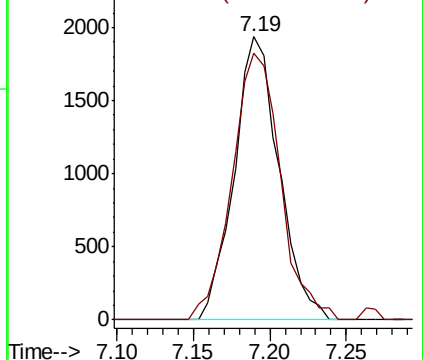
130 100

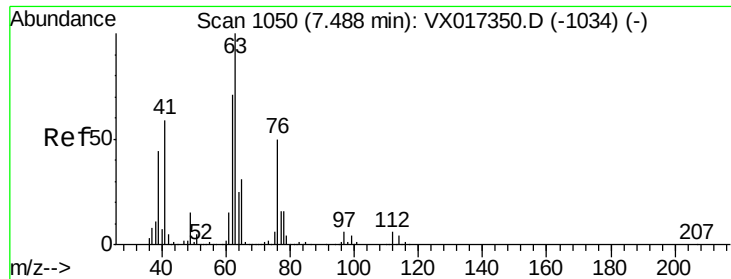
95 94.1 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.971 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

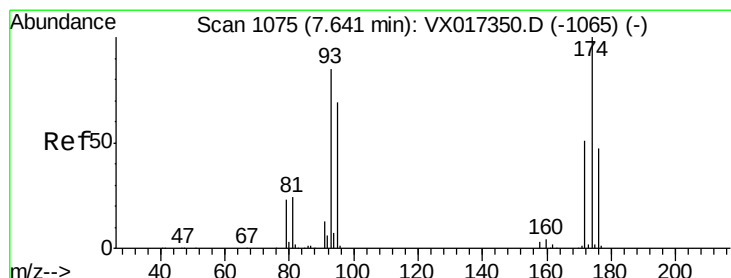
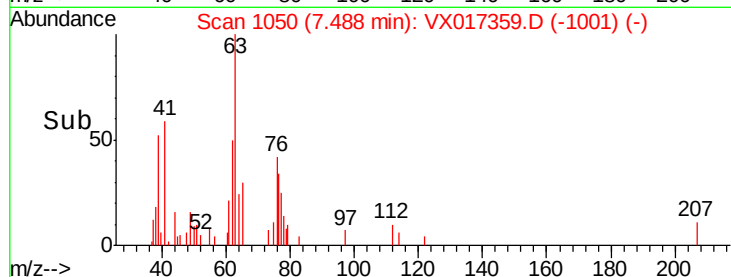
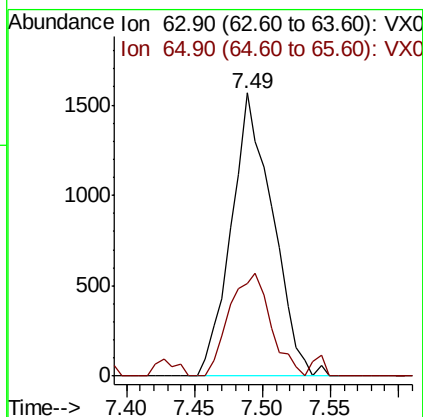
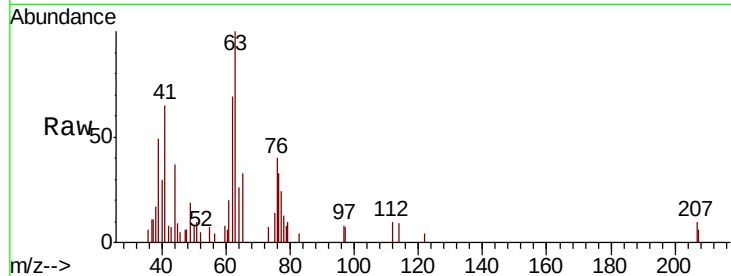
LOQ-WATER-02-QT3-2020

Tot Ion: 63 Resp: 3327

Ion Ratio Lower Upper

63 100

65 32.6 24.5 36.7



#46

Dibromomethane

Concen: 1.131 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

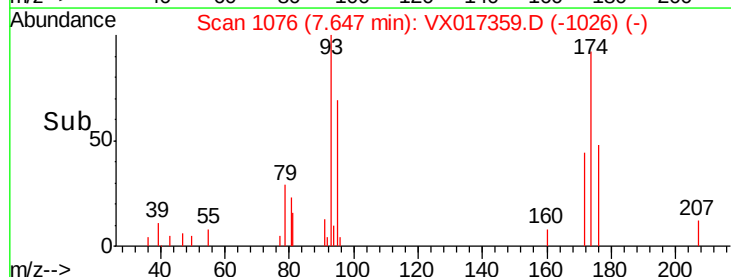
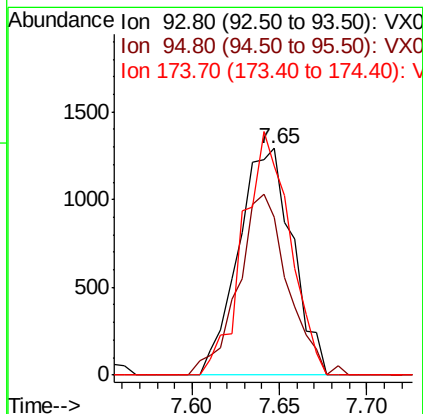
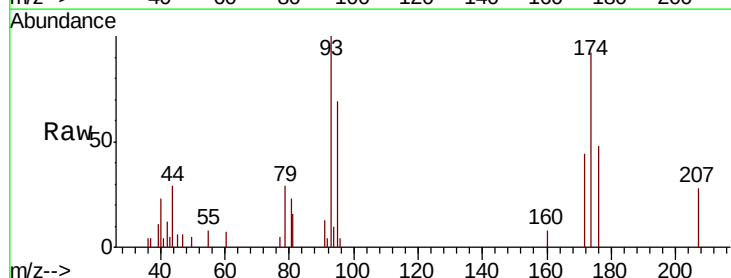
Tgt Ion: 93 Resp: 2793

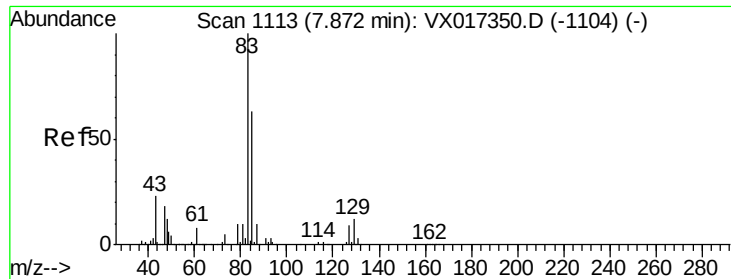
Ion Ratio Lower Upper

93 100

95 73.4 65.4 98.2

174 93.5 91.2 136.8





#47

Bromodichloromethane

Concen: 0.870 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

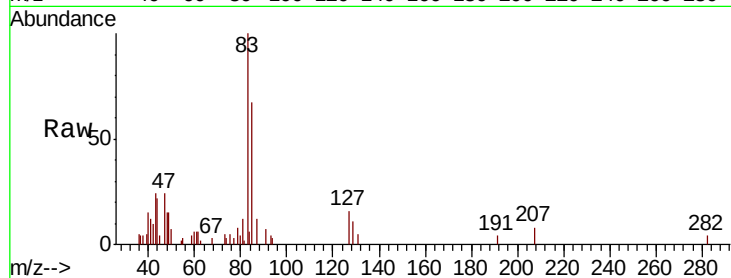
Tot Ion: 83 Resp: 4493

Ion Ratio Lower Upper

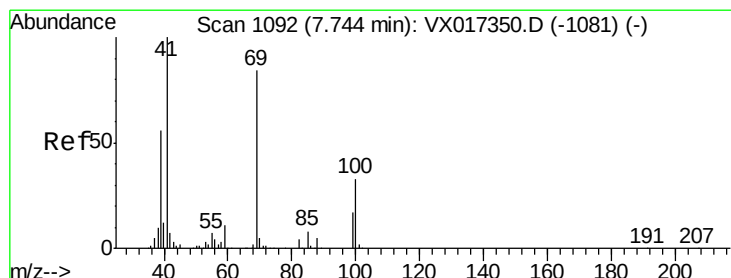
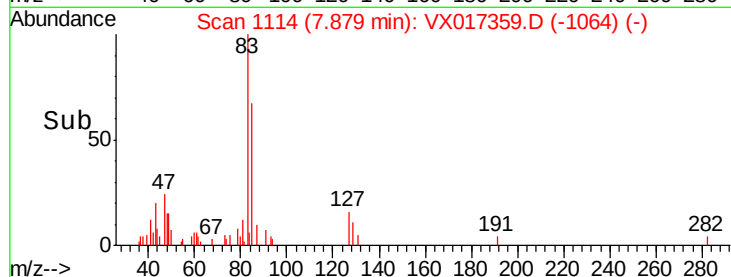
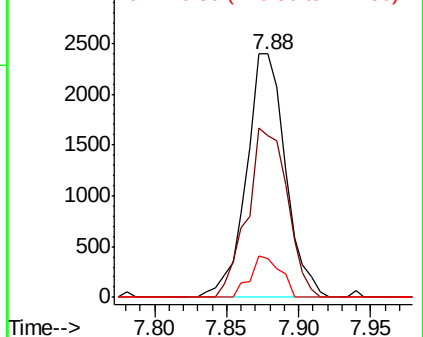
83 100

85 66.5 50.2 75.4

127 16.2 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: 1.014 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

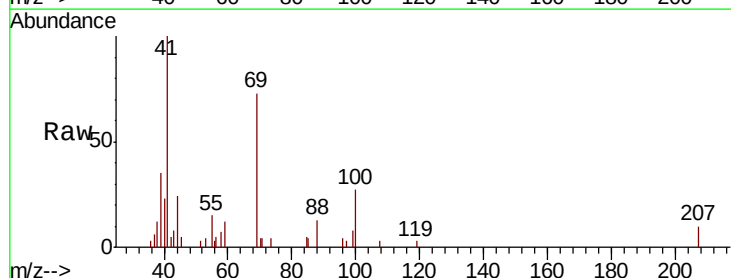
Tgt Ion: 41 Resp: 3747

Ion Ratio Lower Upper

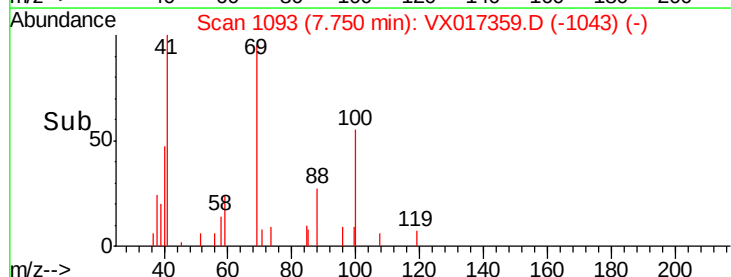
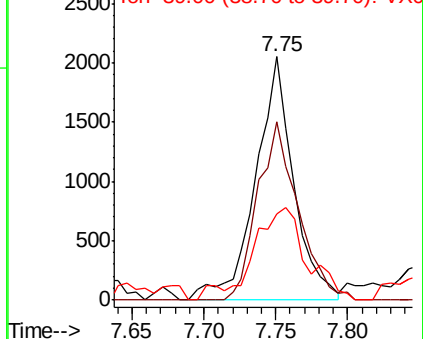
41 100

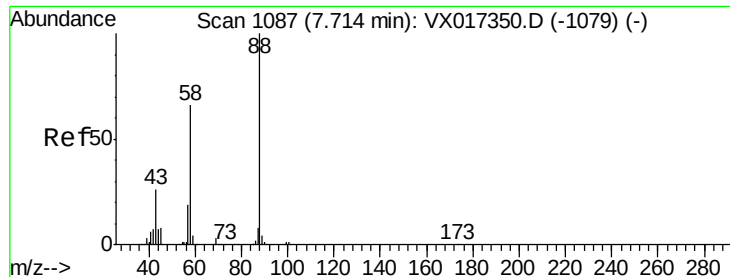
69 77.8 67.8 101.6

39 50.4 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

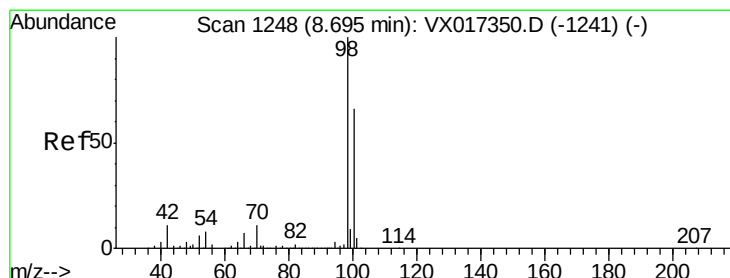
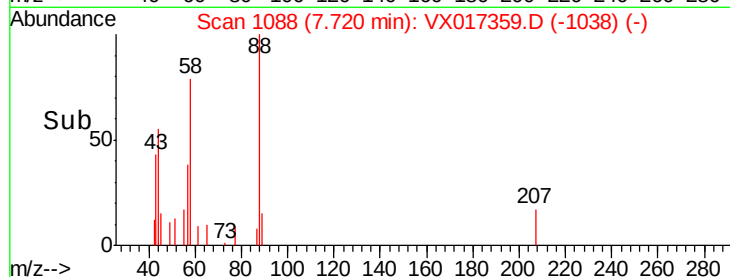
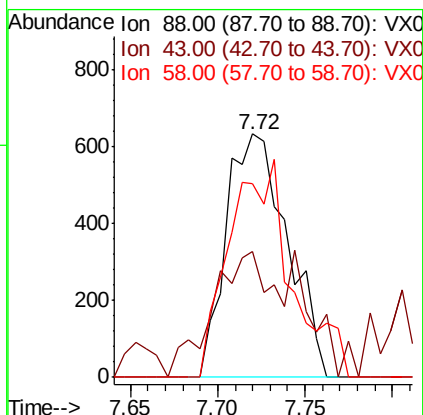
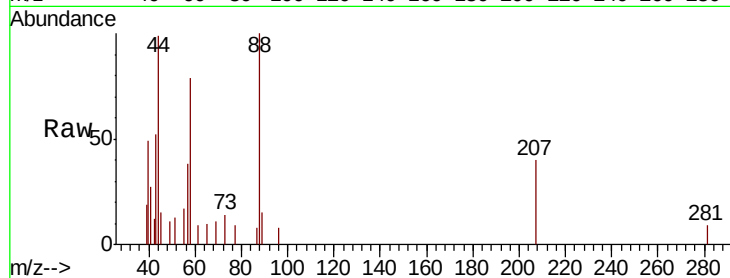




#49
1,4-Dioxane
Concen: 20.345 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

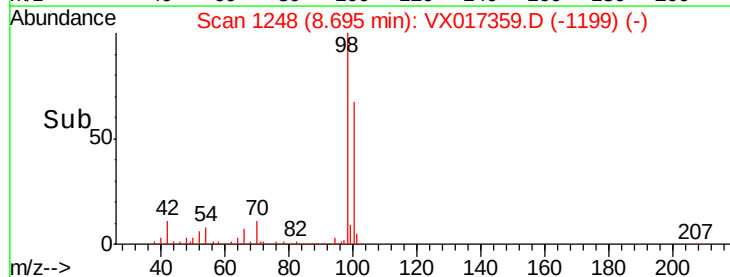
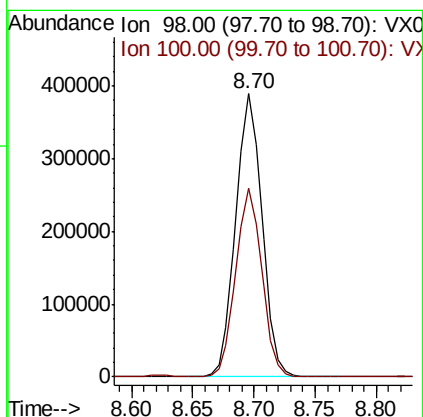
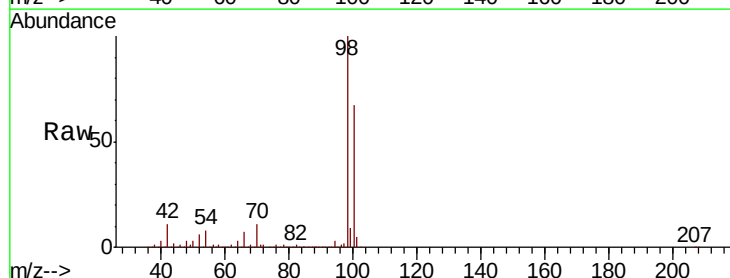
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

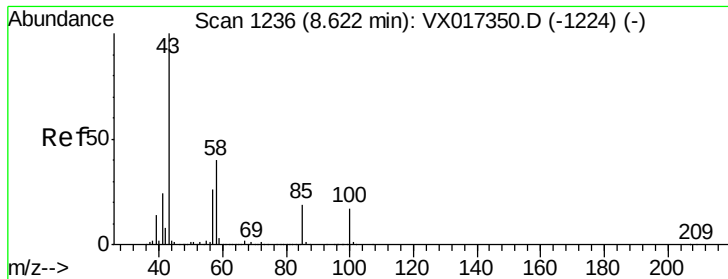
Tot Ion: 88 Resp: 1538
Ion Ratio Lower Upper
88 100
43 52.5 25.6 38.4#
58 91.0 53.9 80.9#



#50
Toluene-d8
Concen: 47.185 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 98 Resp: 580656
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.2

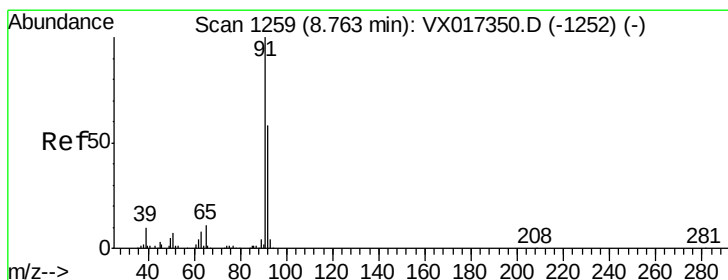
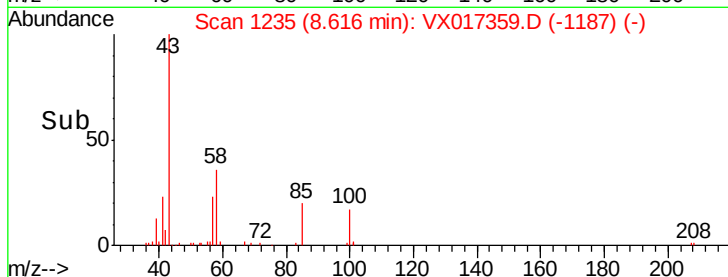
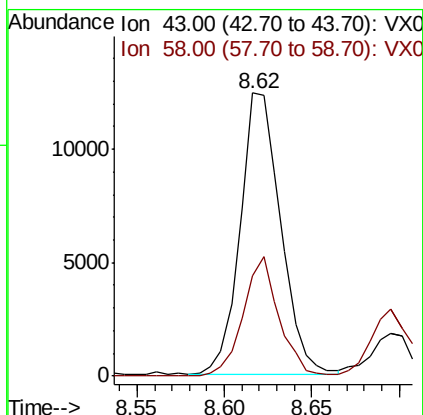
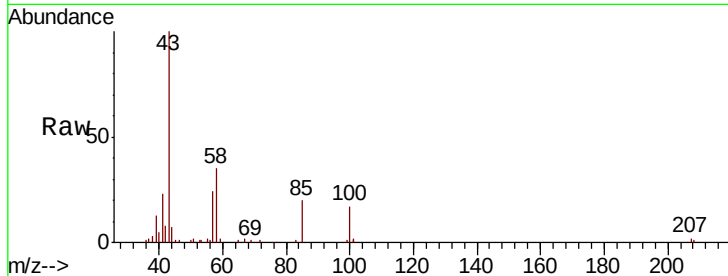




#51
 4-Methyl-2-Pentanone
 Concen: 4.270 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

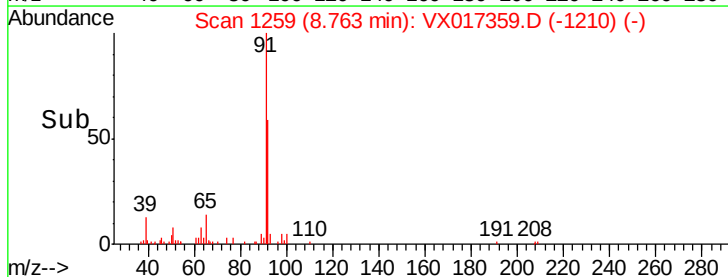
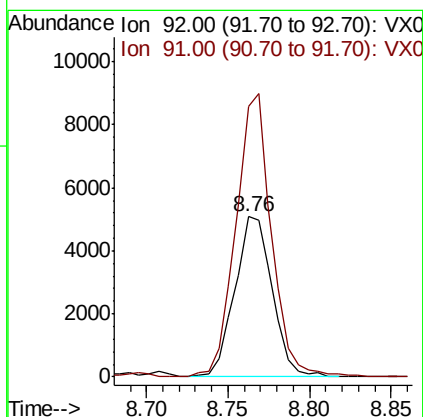
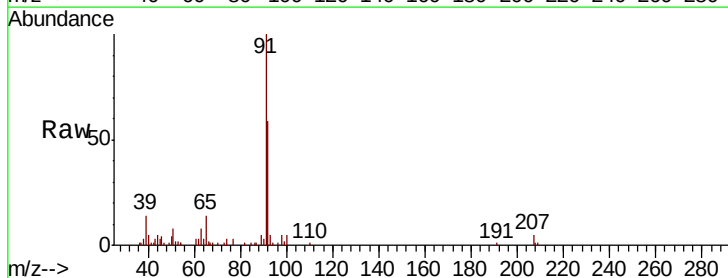
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

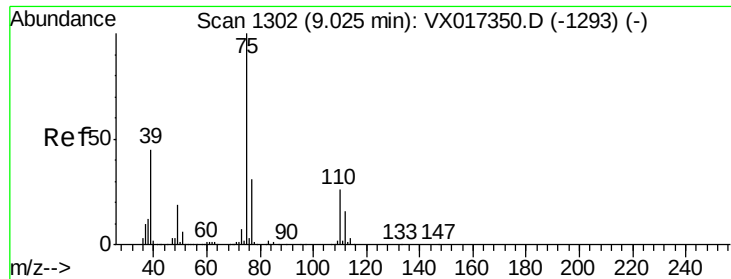
Tot Ion: 43 Resp: 20045
 Ion Ratio Lower Upper
 43 100
 58 37.2 32.2 48.2



#52
 Toluene
 Concen: 0.945 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion: 92 Resp: 8122
 Ion Ratio Lower Upper
 92 100
 91 168.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 0.920 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

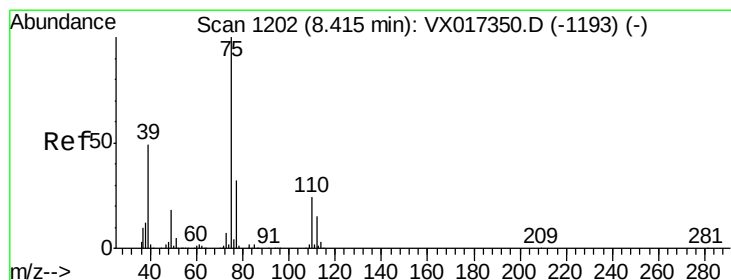
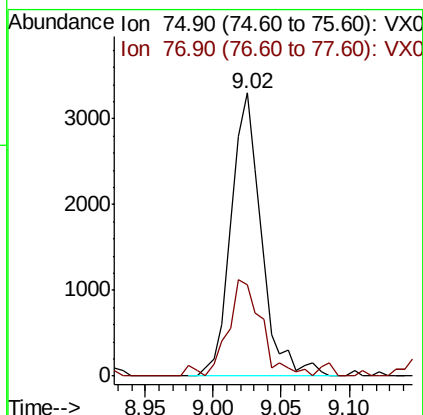
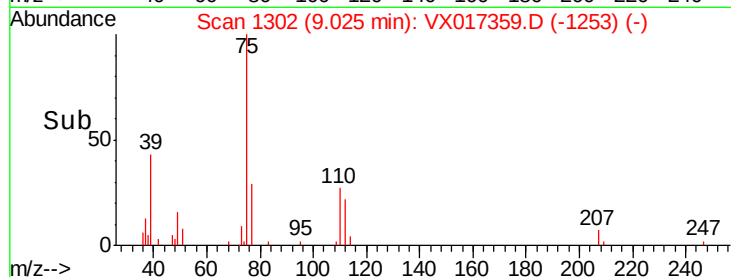
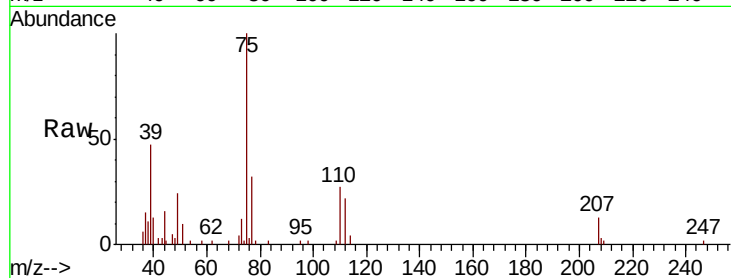
LOQ-WATER-02-QT3-2020

Tot Ion: 75 Resp: 5120

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.830 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

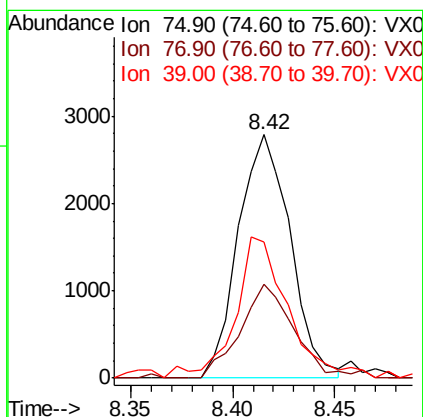
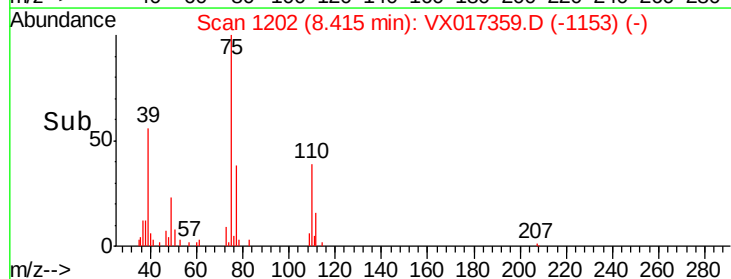
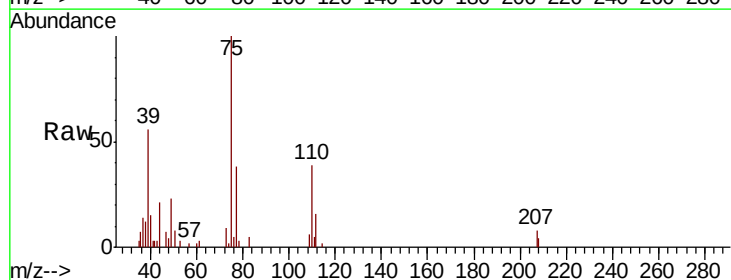
Tgt Ion: 75 Resp: 4927

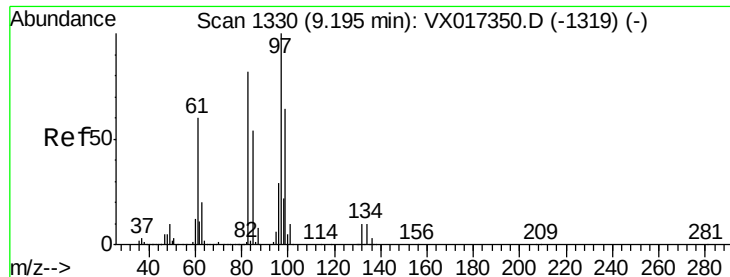
Ion Ratio Lower Upper

75 100

77 38.3 25.3 37.9#

39 53.3 38.9 58.3

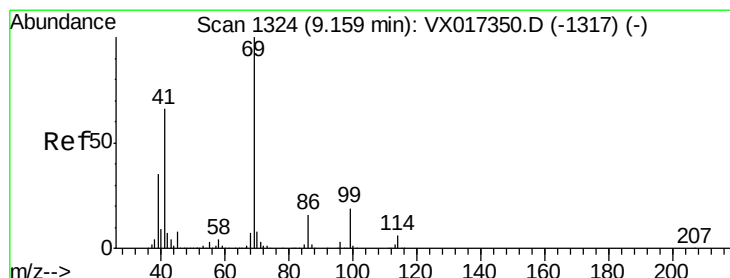
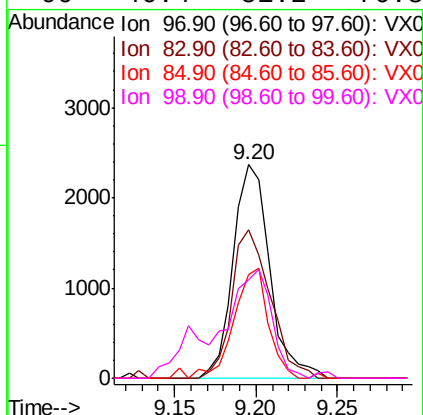
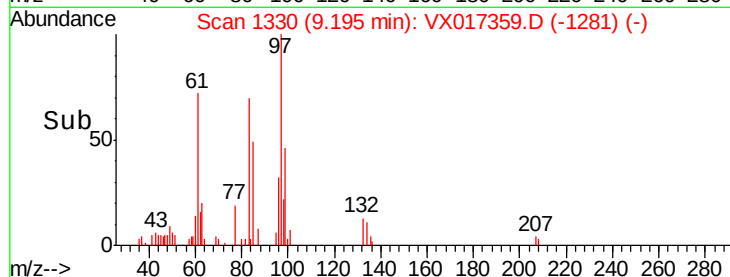
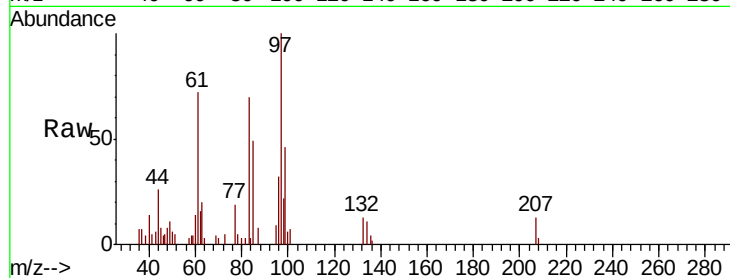




#55
 1,1,2-Trichloroethane
 Concen: 1.039 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

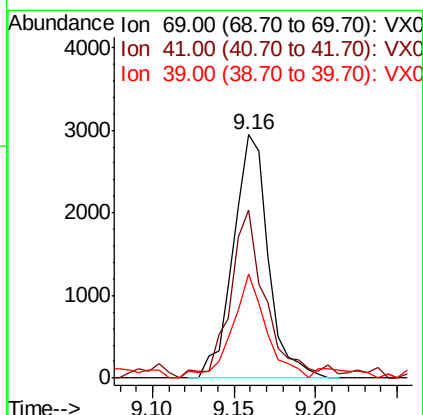
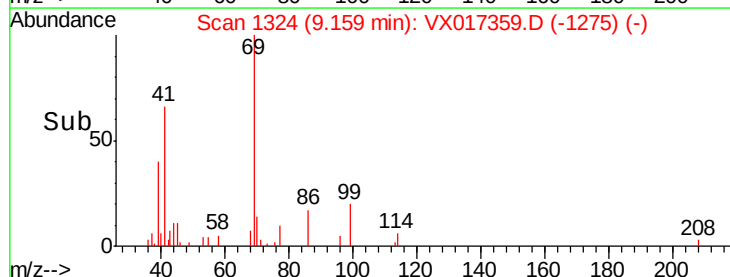
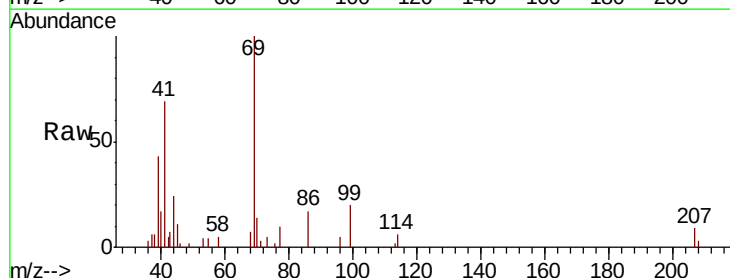
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

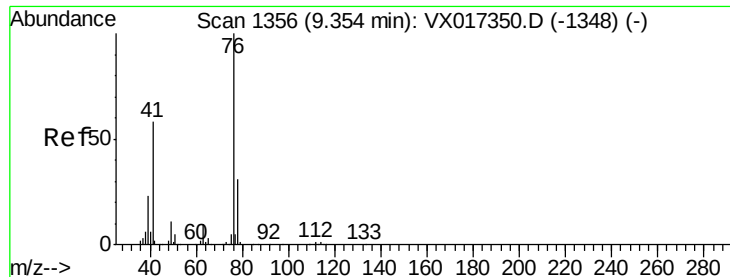
Tot Ion: 97 Resp: 3722
 Ion Ratio Lower Upper
 97 100
 83 69.7 65.8 98.6
 85 48.8 42.8 64.2
 99 46.4 51.2 76.8#



#56
 Ethyl methacrylate
 Concen: 0.867 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion: 69 Resp: 4411
 Ion Ratio Lower Upper
 69 100
 41 69.3 52.6 78.8
 39 41.0 28.8 43.2





#57

1,3-Dichloropropane

Concen: 0.942 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

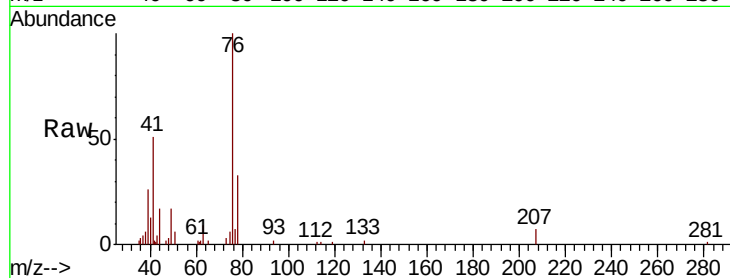
LOQ-WATER-02-QT3-2020

Tot Ion: 76 Resp: 5611

Ion Ratio Lower Upper

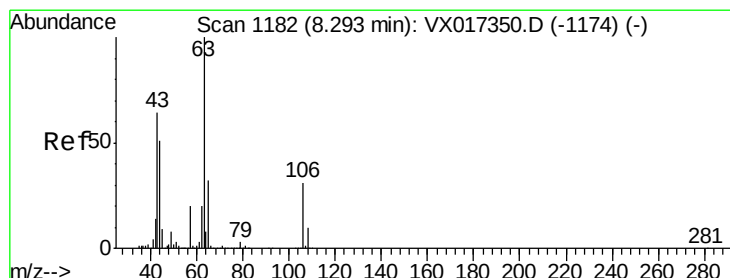
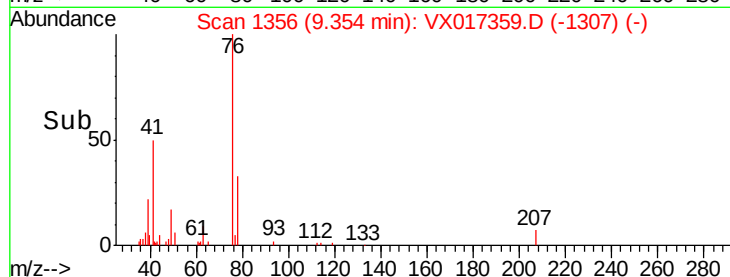
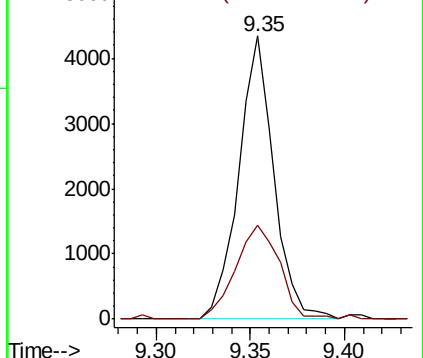
76 100

78 41.5 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.167 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017359.D

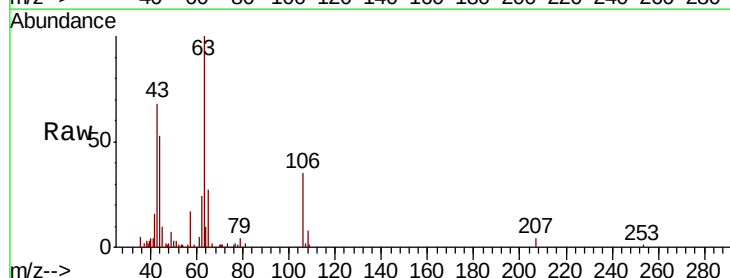
Acq: 13 Jul 2020 17:36

Tgt Ion: 63 Resp: 10762

Ion Ratio Lower Upper

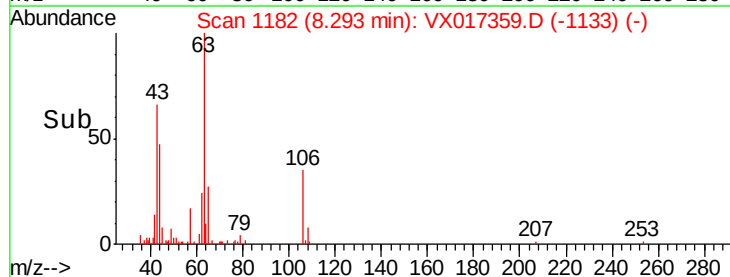
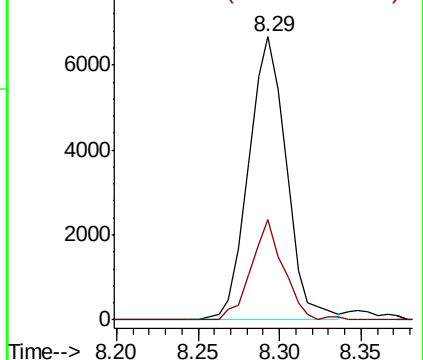
63 100

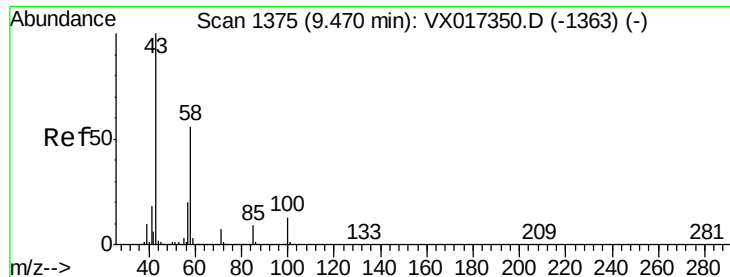
106 30.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

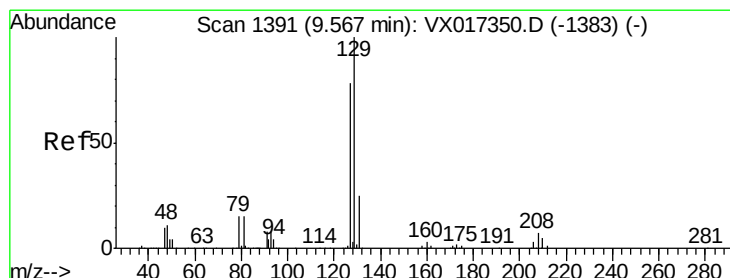
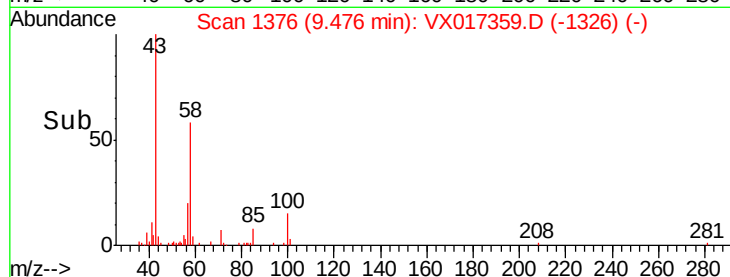
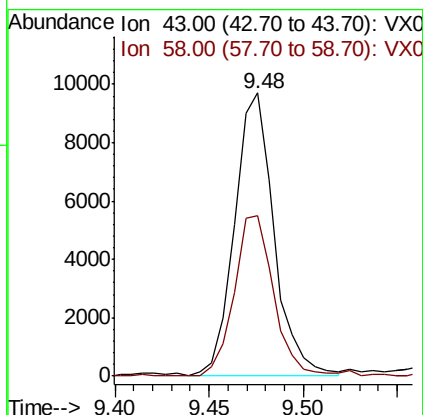
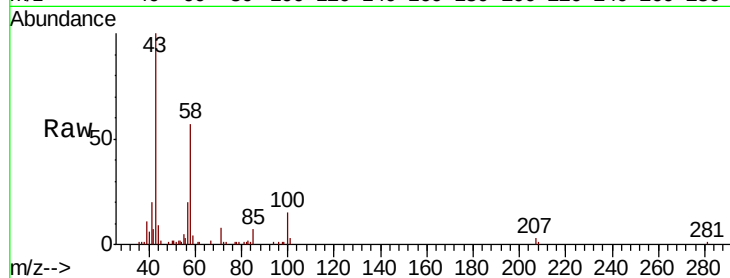




#59
2-Hexanone
Concen: 3.976 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

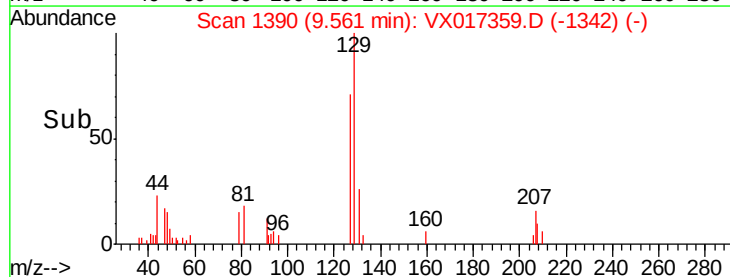
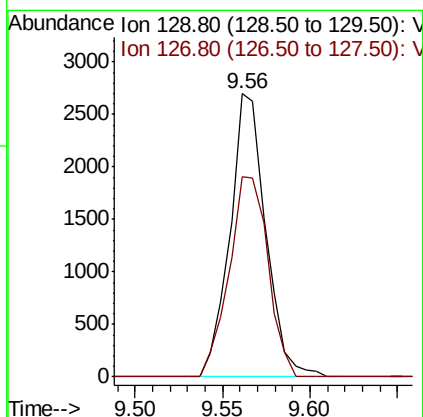
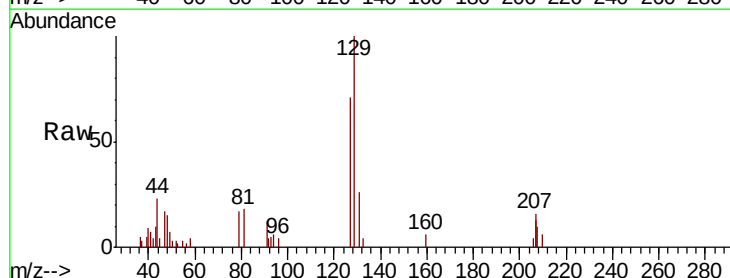
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

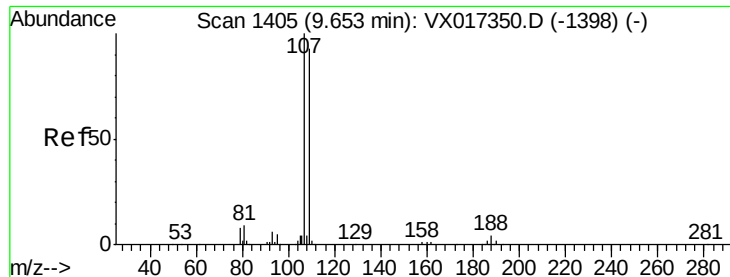
Tot Ion: 43 Resp: 14085
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 0.878 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 129 Resp: 3844
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 1.036 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

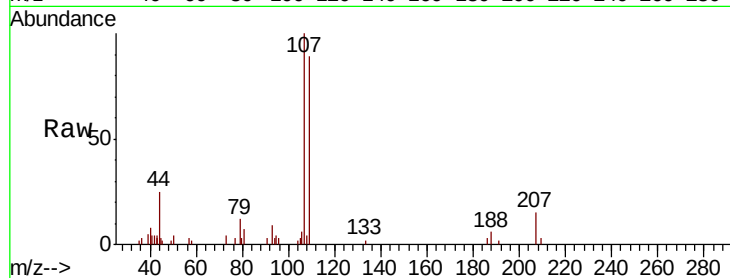
LOQ-WATER-02-QT3-2020

Tot Ion: 107 Resp: 4038

Ion Ratio Lower Upper

107 100

109 86.0 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

2500

2000

1500

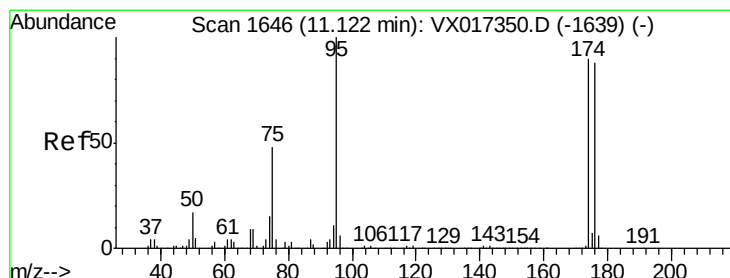
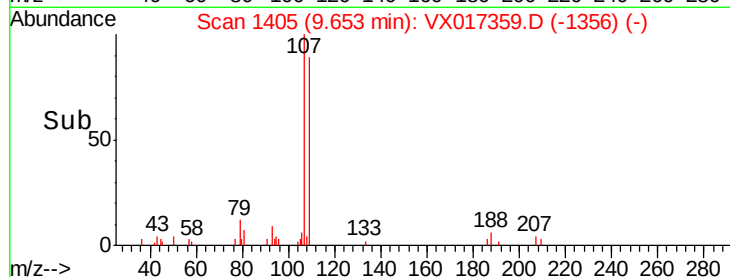
1000

500

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 43.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

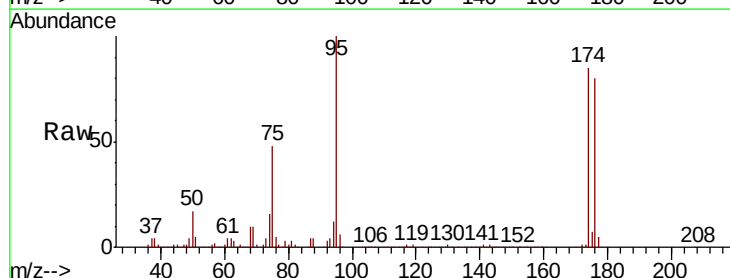
Tgt Ion: 95 Resp: 212632

Ion Ratio Lower Upper

95 100

174 84.5 0.0 175.8

176 82.5 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

11.12

200000

150000

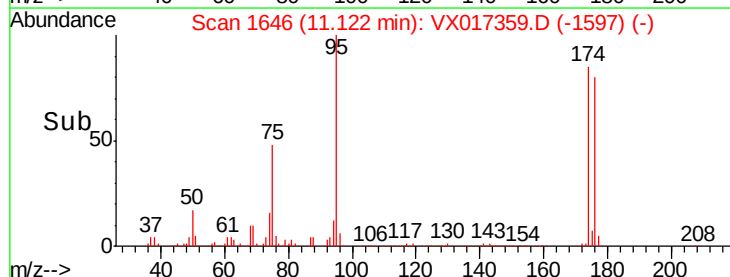
100000

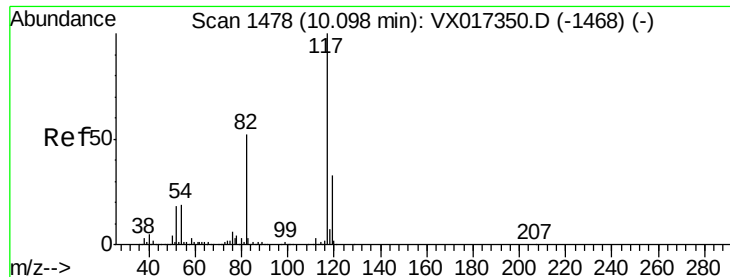
50000

0

11.10 11.20

Time-->

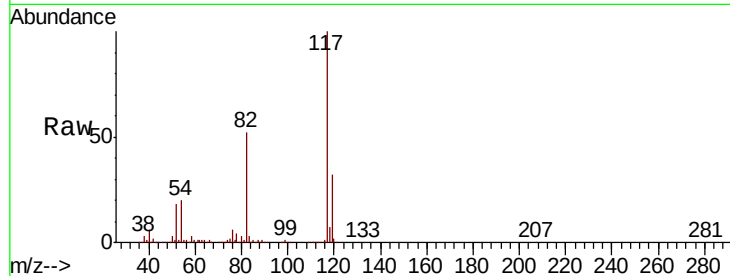




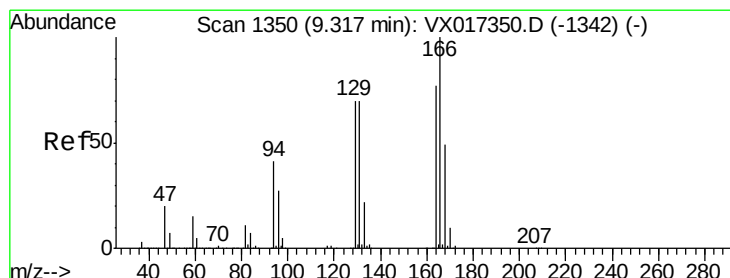
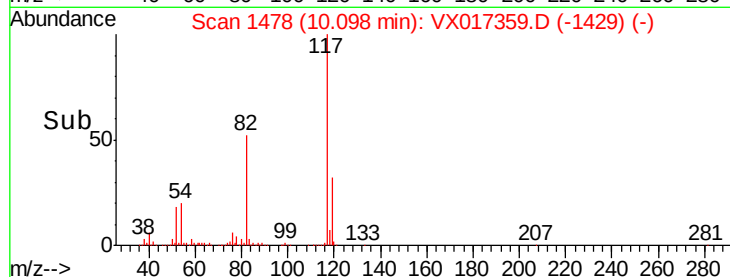
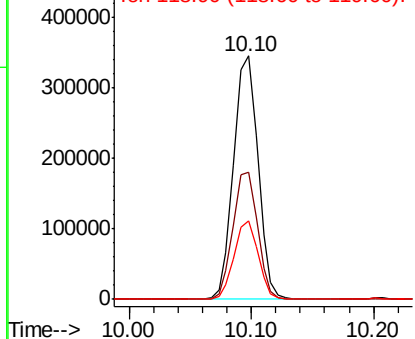
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:117 Resp: 475852
Ion Ratio Lower Upper
117 100
82 52.1 42.0 63.0
119 32.3 26.3 39.5

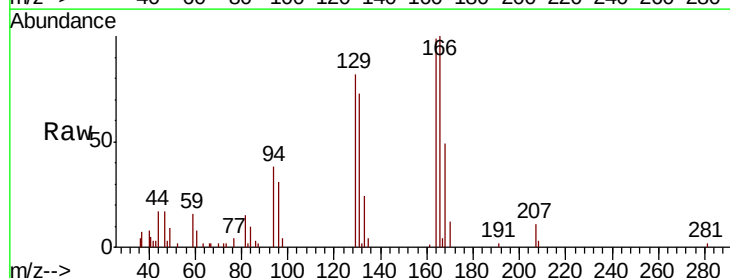


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

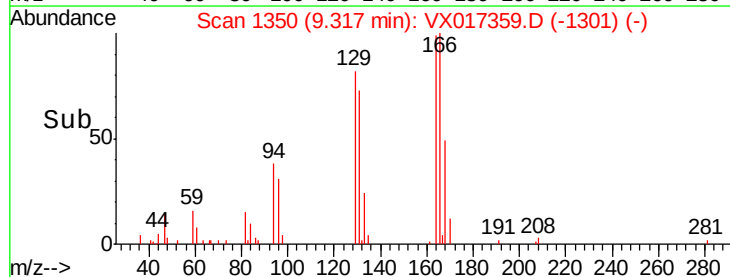
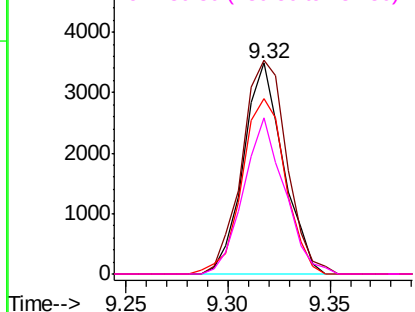


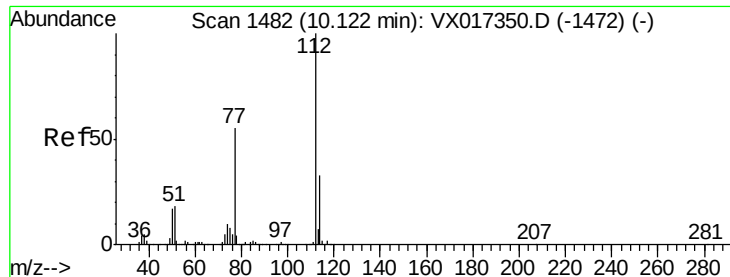
#64
Tetrachloroethene
Concen: 1.154 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion:164 Resp: 4751
Ion Ratio Lower Upper
164 100
166 101.2 103.9 155.9#
129 83.0 72.9 109.3
131 74.1 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

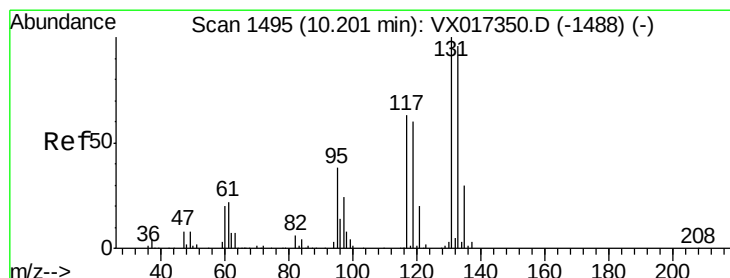
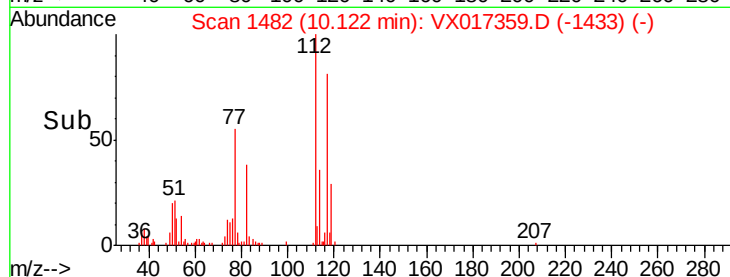
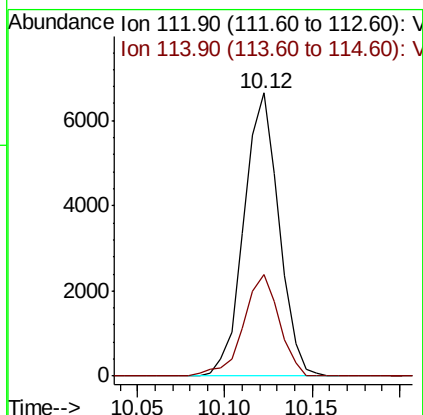
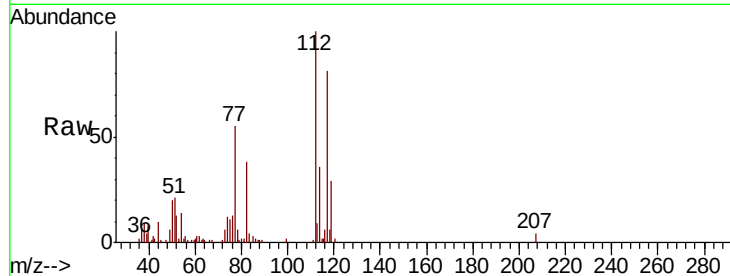




#65
Chlorobenzene
Concen: 0.957 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

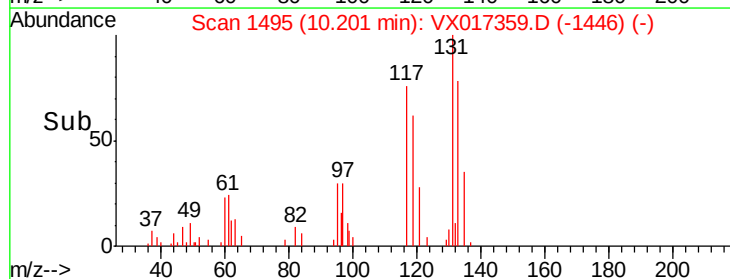
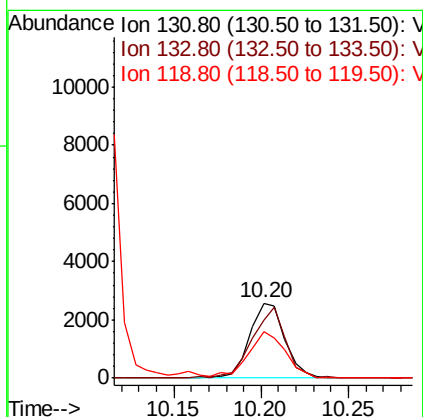
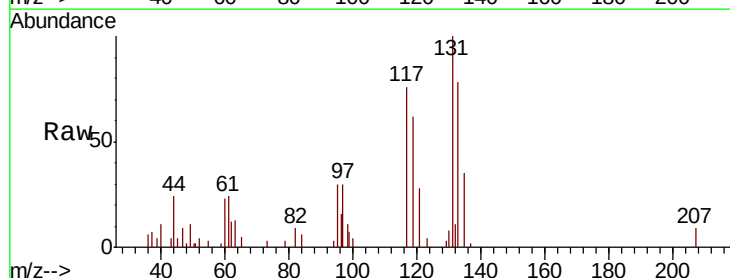
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

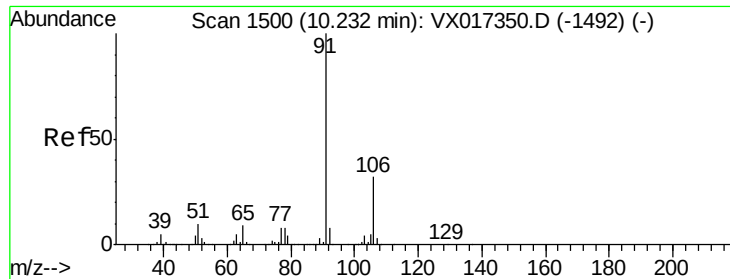
Tot Ion:112 Resp: 9253
Ion Ratio Lower Upper
112 100
114 36.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion:131 Resp: 3595
Ion Ratio Lower Upper
131 100
133 90.5 48.4 145.2
119 0.0 31.2 93.6#





#67

Ethyl Benzene

Concen: 0.883 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

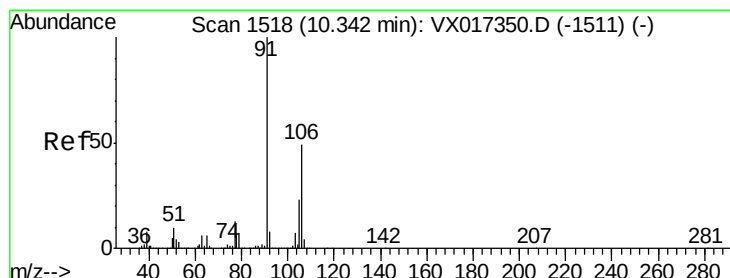
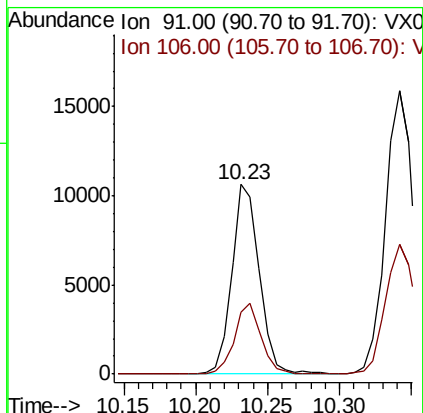
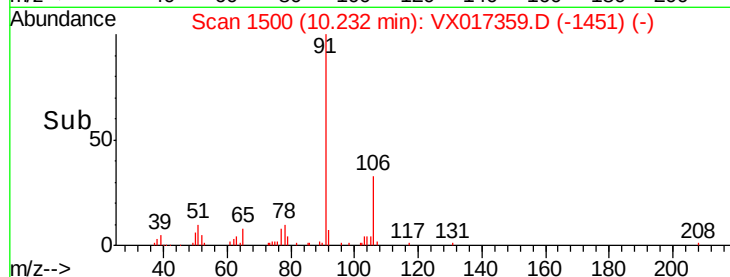
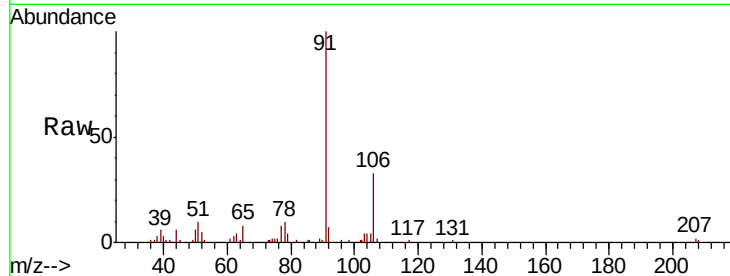
LOQ-WATER-02-QT3-2020

Tot Ion: 91 Resp: 14218

Ion Ratio Lower Upper

91 100

106 32.6 25.7 38.5



#68

m/p-Xylenes

Concen: 1.705 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017359.D

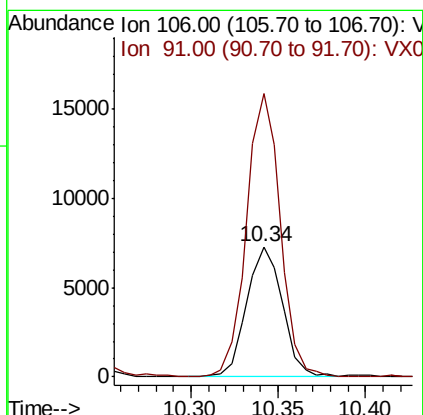
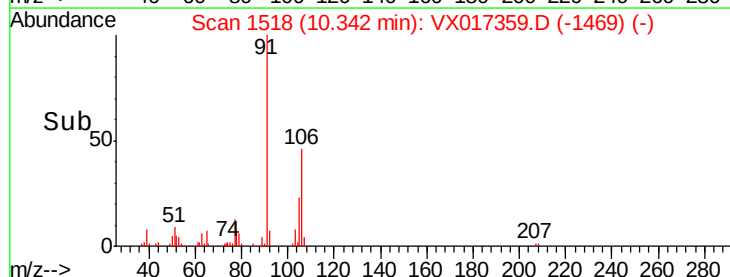
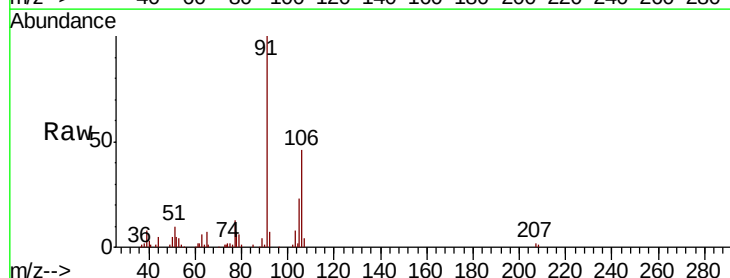
Acq: 13 Jul 2020 17:36

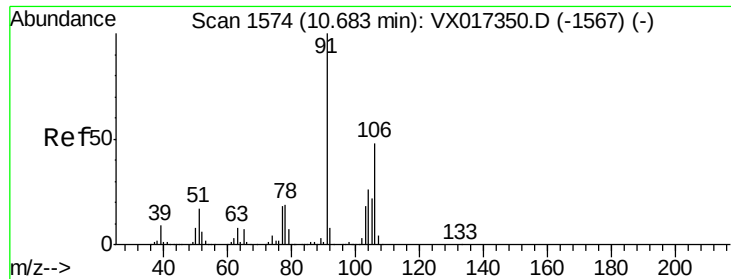
Tgt Ion: 106 Resp: 10445

Ion Ratio Lower Upper

106 100

91 204.8 162.5 243.7

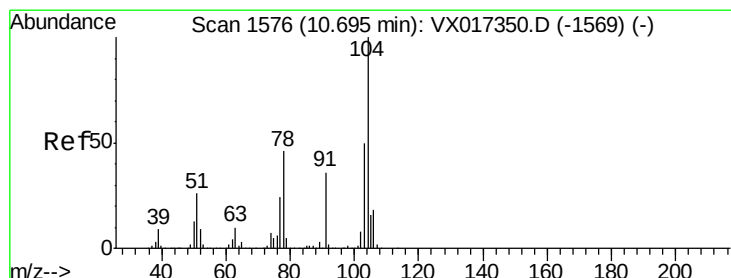
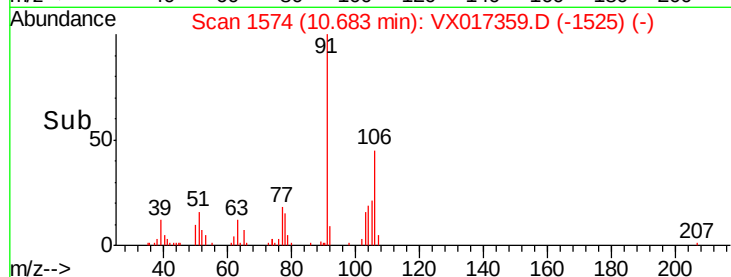
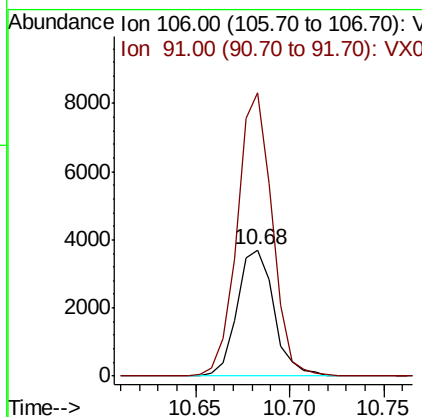
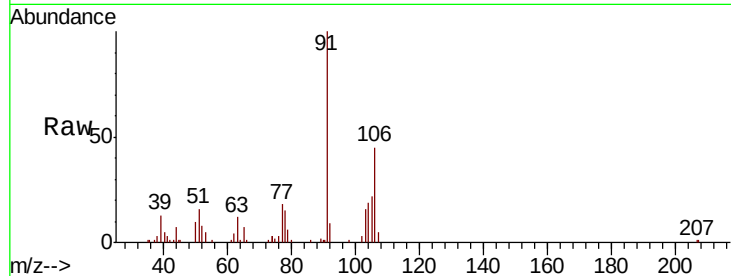




#69
o-Xylene
Concen: 0.857 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

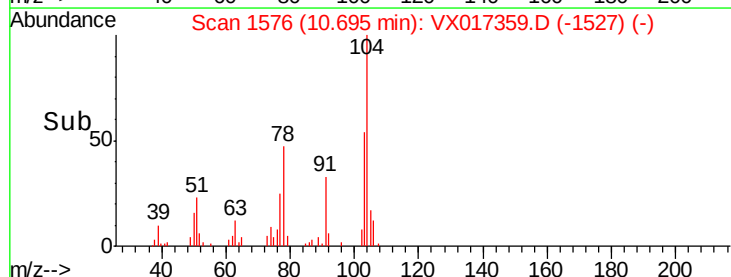
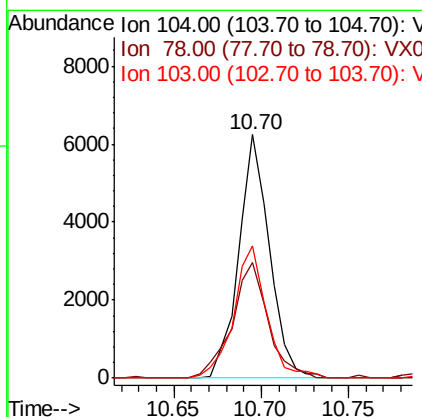
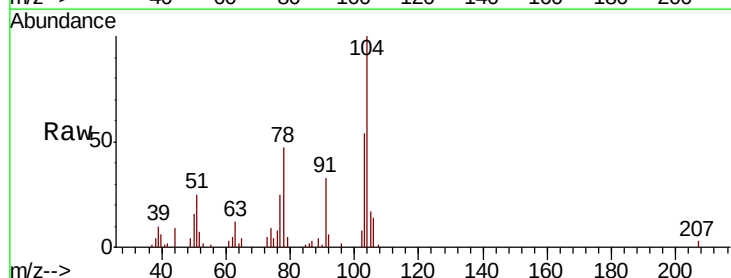
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

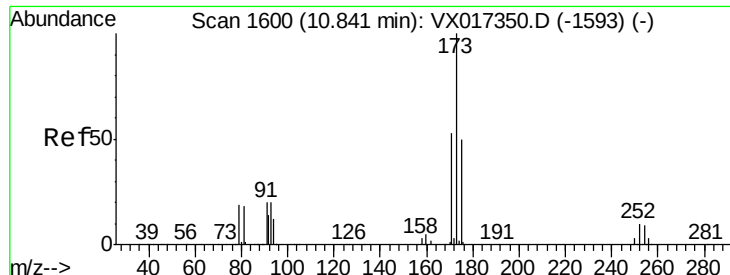
Tot Ion:106 Resp: 5015
Ion Ratio Lower Upper
106 100
91 212.9 106.1 318.1



#70
Styrene
Concen: 0.761 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion:104 Resp: 7646
Ion Ratio Lower Upper
104 100
78 55.5 40.8 61.2
103 58.1 43.3 64.9





#71

Bromoform

Concen: 0.877 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

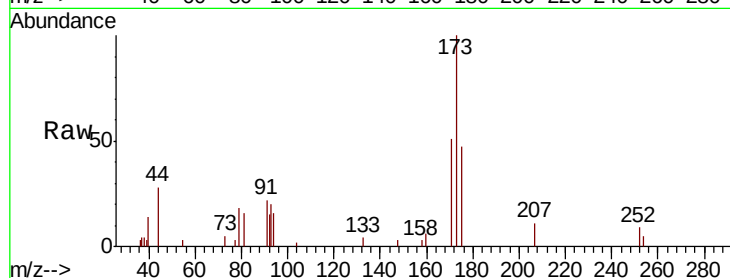
Tot Ion:173 Resp: 2849

Ion Ratio Lower Upper

173 100

175 52.0 24.7 74.1

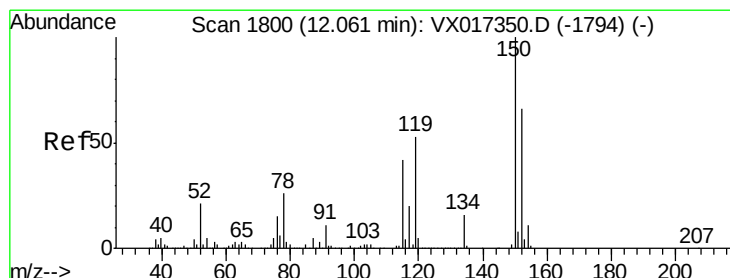
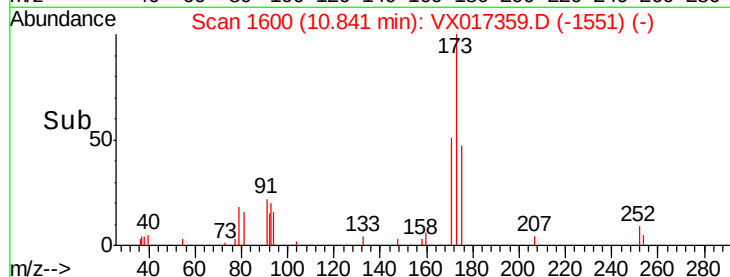
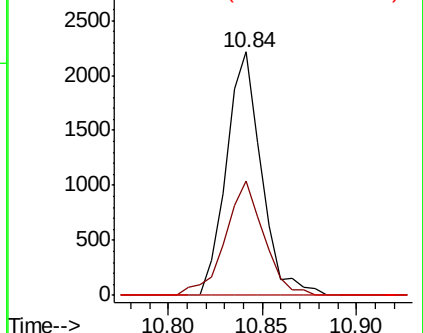
254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

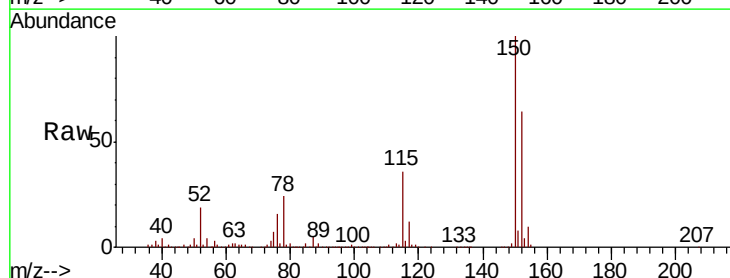
Tgt Ion:152 Resp: 237098

Ion Ratio Lower Upper

152 100

115 57.5 39.9 119.7

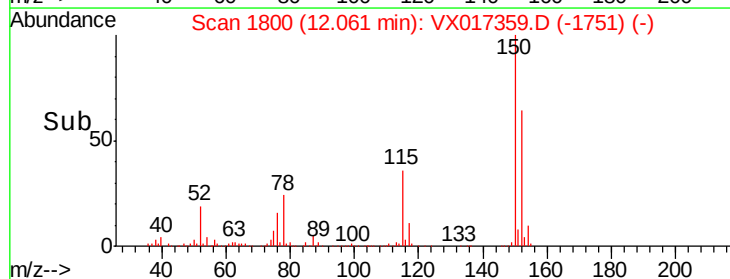
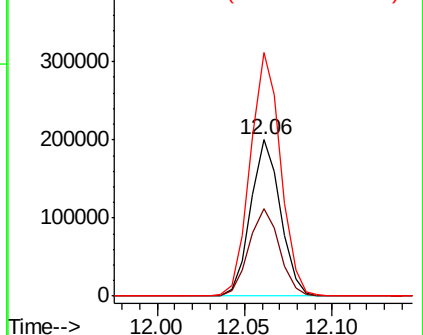
150 157.8 0.0 343.4

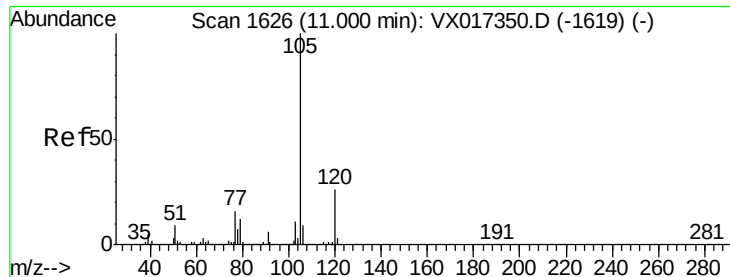


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.865 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

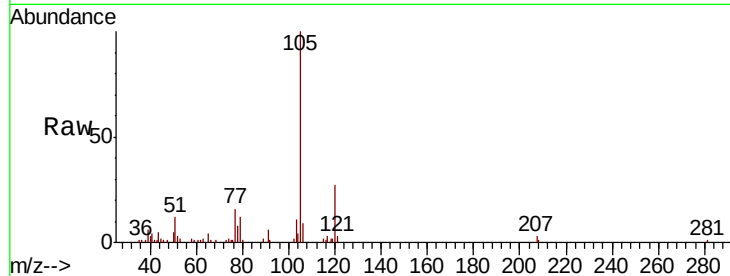
LOQ-WATER-02-QT3-2020

Tot Ion:105 Resp: 12851

Ion Ratio Lower Upper

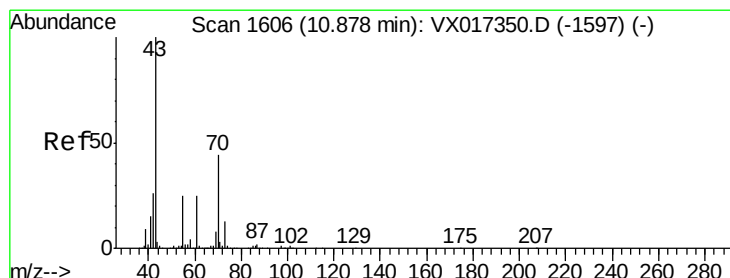
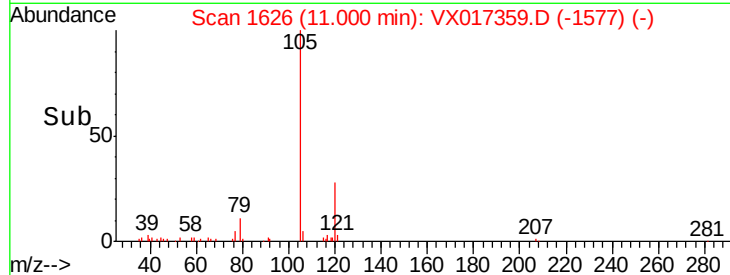
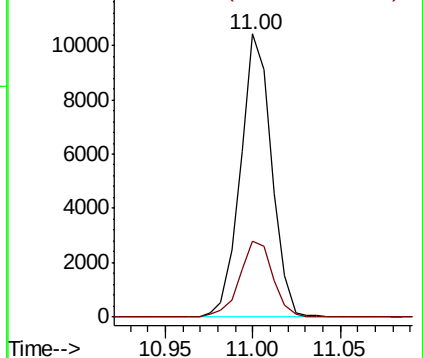
105 100

120 28.7 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: 0.854 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion: 43 Resp: 5080

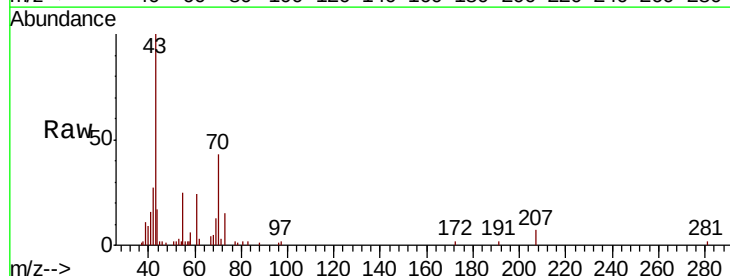
Ion Ratio Lower Upper

43 100

70 38.4 35.7 53.5

55 25.3 20.3 30.5

61 24.5 20.0 30.0

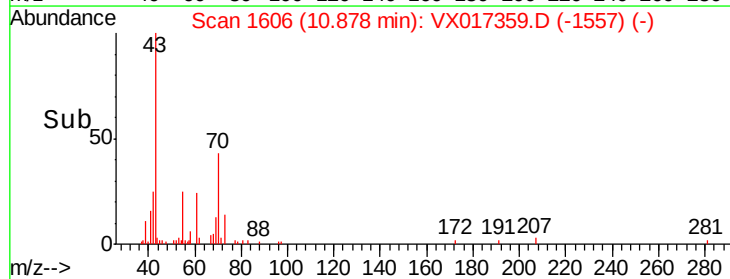
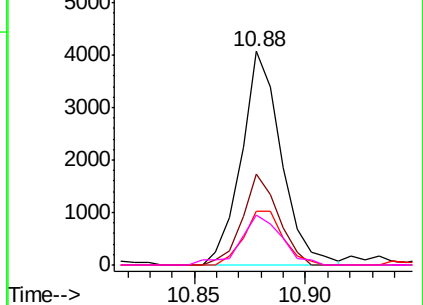


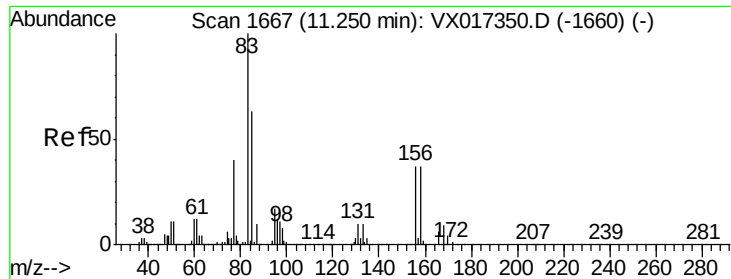
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.105 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

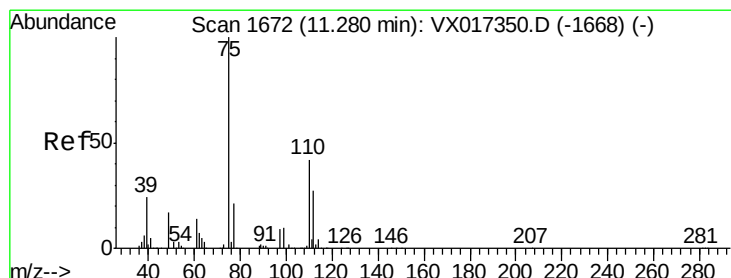
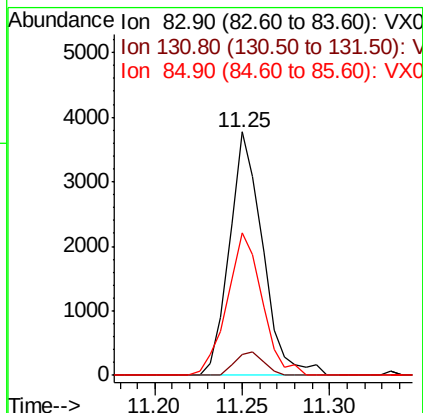
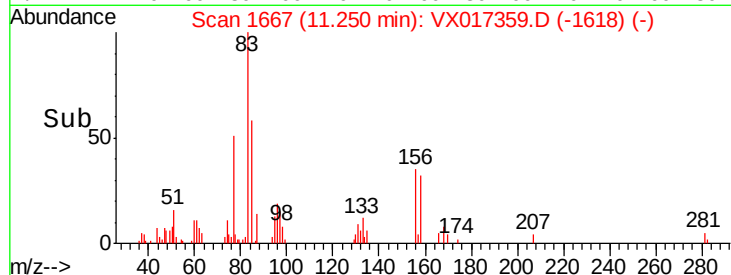
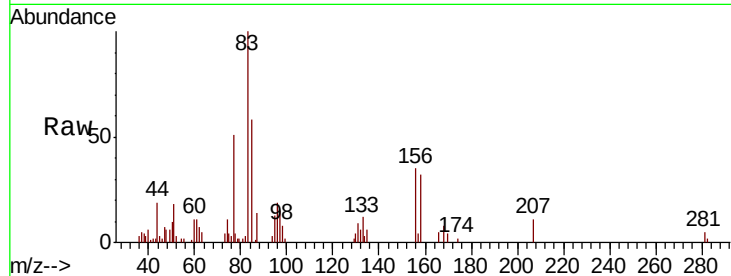
Tot Ion: 83 Resp: 4988

Ion Ratio Lower Upper

83 100

131 8.4 5.5 16.7

85 61.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 1.257 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017359.D

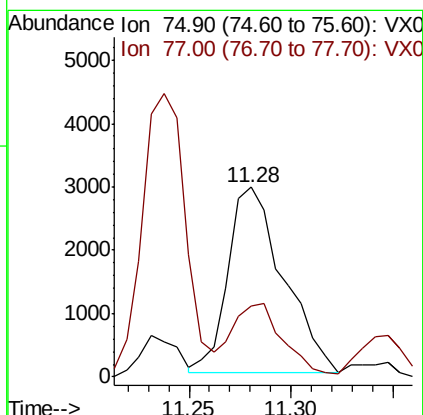
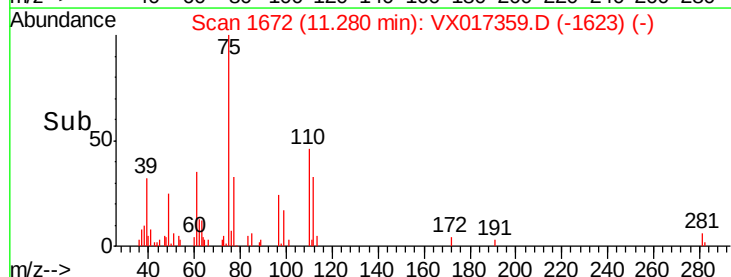
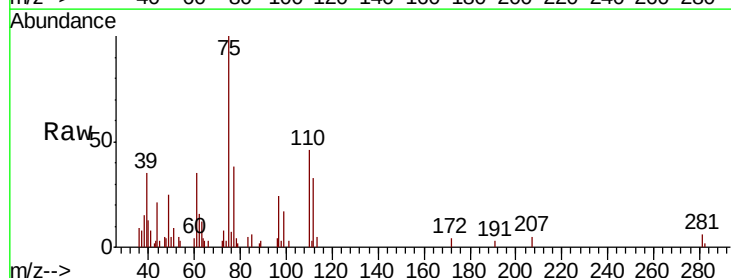
Acq: 13 Jul 2020 17:36

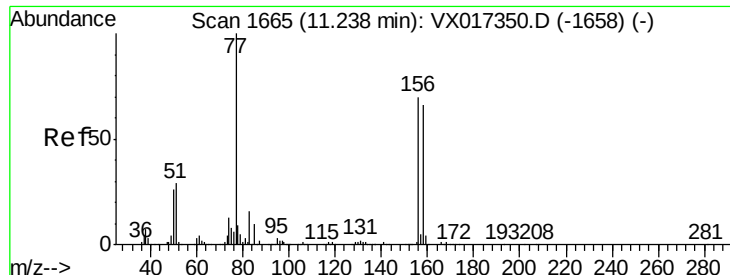
Tgt Ion: 75 Resp: 5505

Ion Ratio Lower Upper

75 100

77 37.0 20.3 60.9





#77

Bromobenzene

Concen: 0.988 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

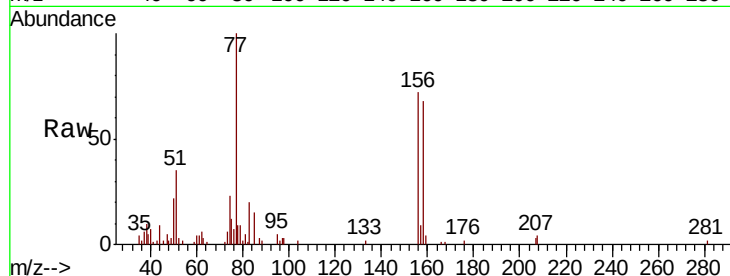
Tot Ion:156 Resp: 4184

Ion Ratio Lower Upper

156 100

77 159.4 72.1 216.3

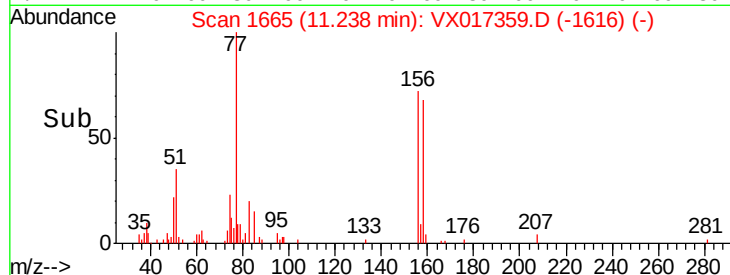
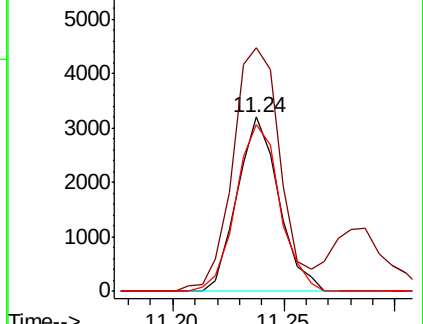
158 100.5 47.4 142.3



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: 0.933 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017359.D

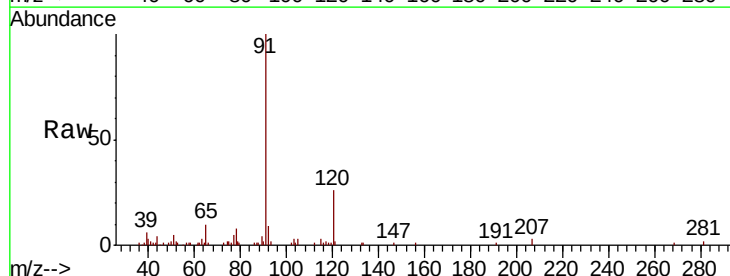
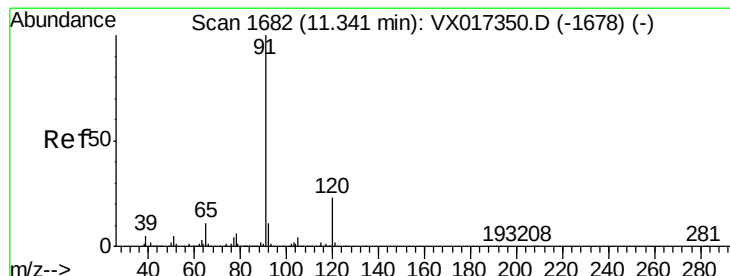
Acq: 13 Jul 2020 17:36

Tgt Ion: 91 Resp: 15571

Ion Ratio Lower Upper

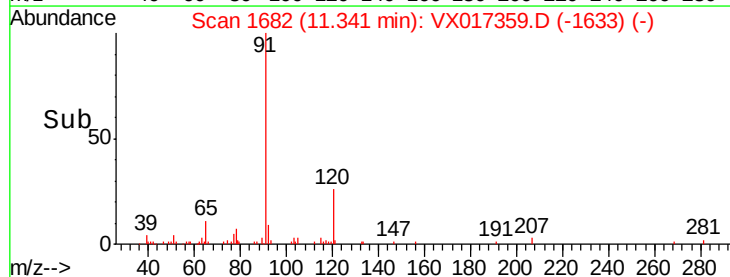
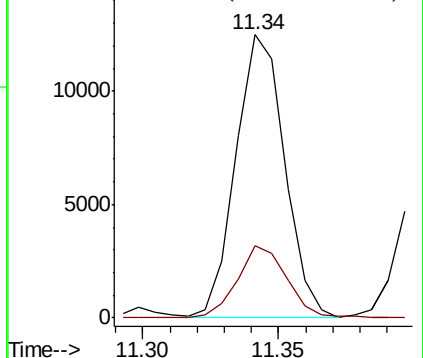
91 100

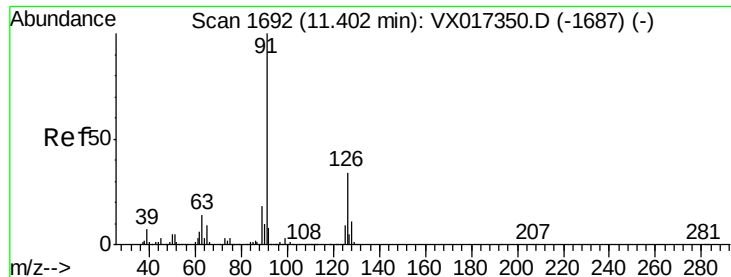
120 25.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

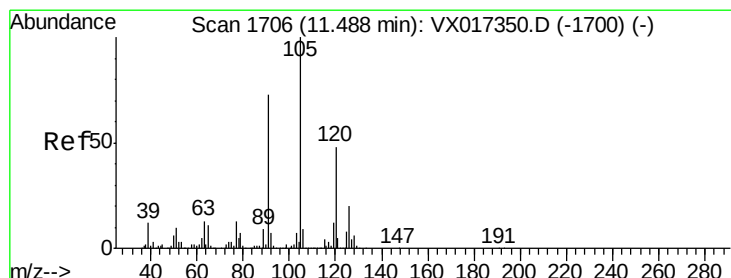
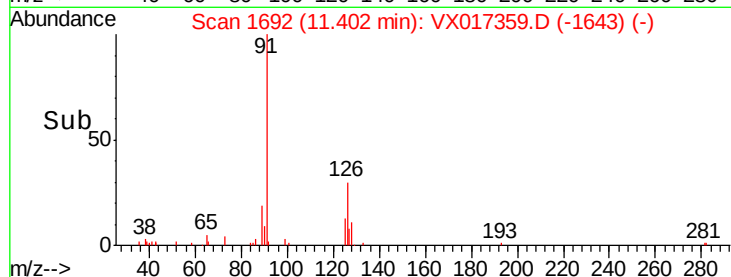
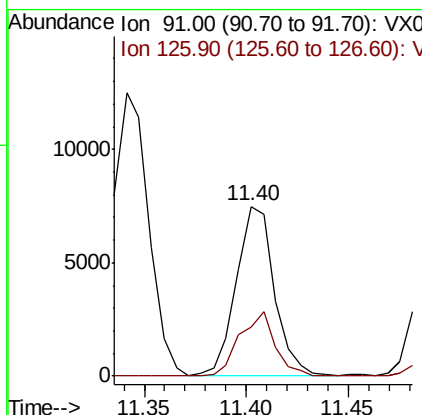
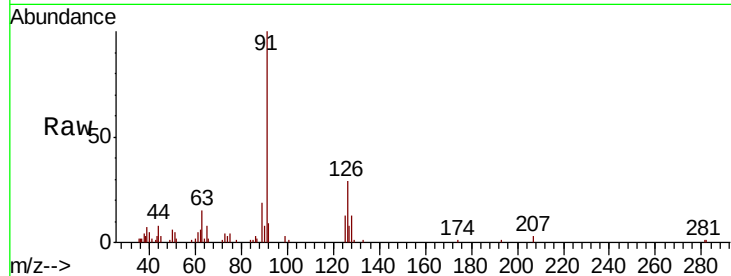




#79
 2-Chlorotoluene
 Concen: 0.947 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

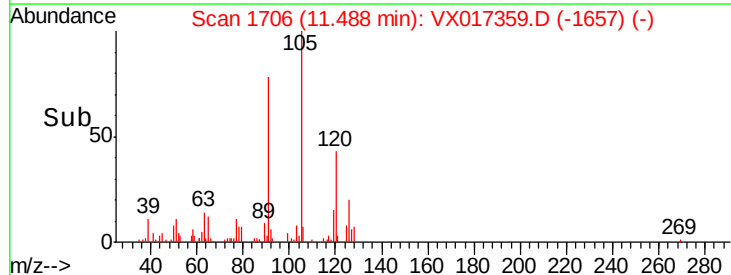
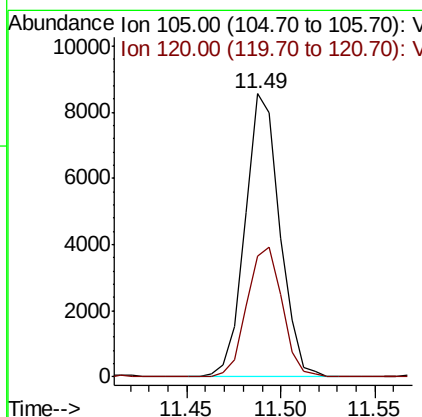
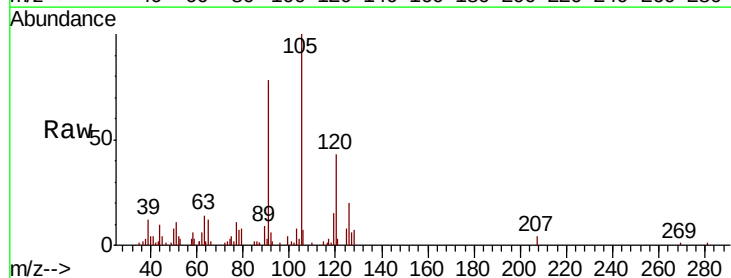
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

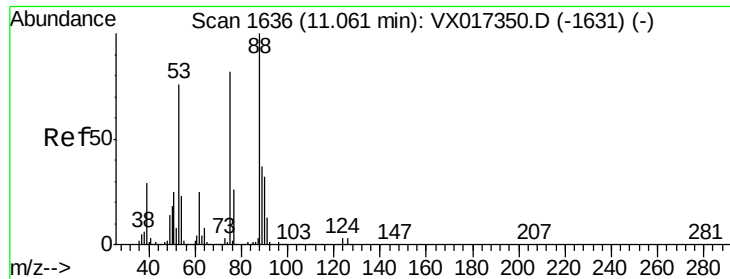
Tot Ion: 91 Resp: 9740
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.865 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion: 105 Resp: 10917
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.221 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

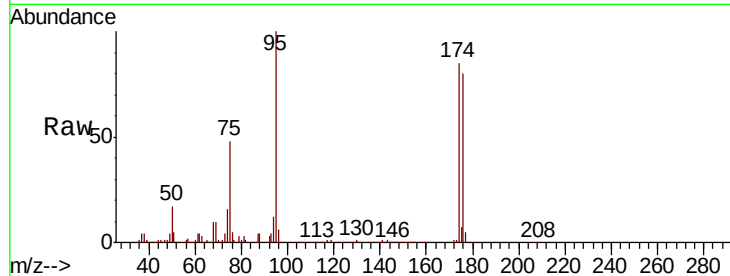
Tot Ion: 75 Resp: 105732

Ion Ratio Lower Upper

75 100

53 0.2 76.5 114.7#

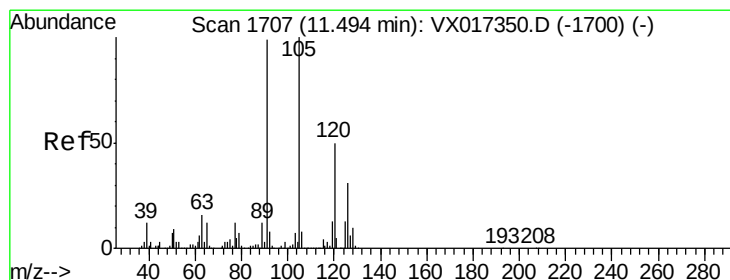
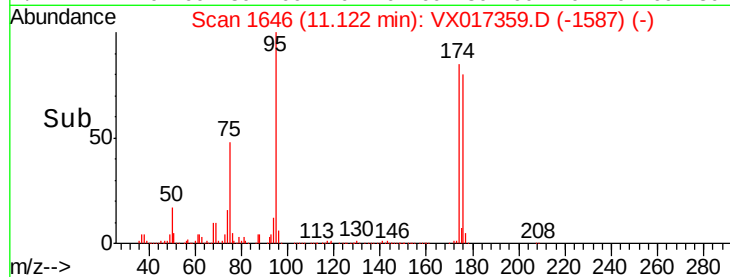
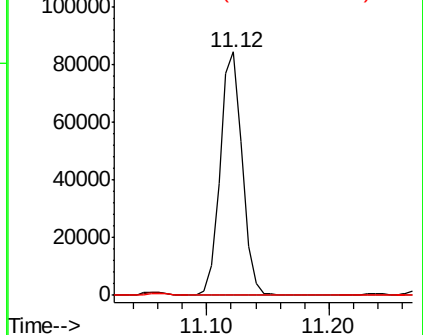
89 0.0 38.1 57.1#



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: 0.926 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017359.D

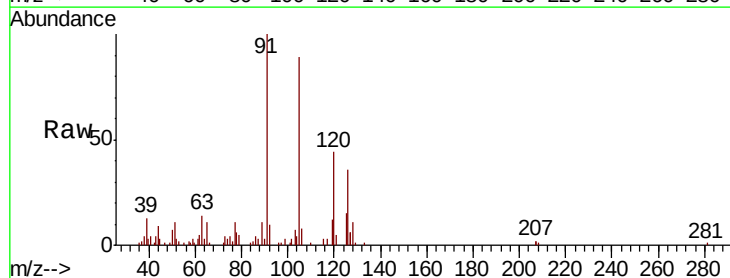
Acq: 13 Jul 2020 17:36

Tgt Ion: 91 Resp: 11292

Ion Ratio Lower Upper

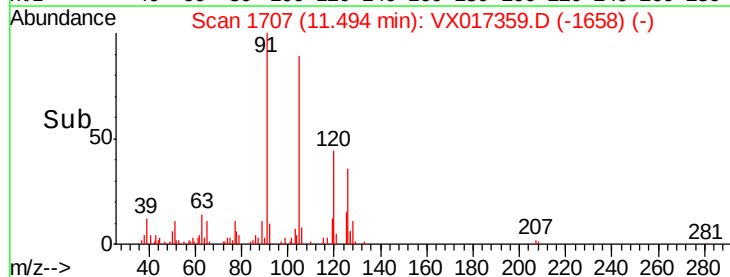
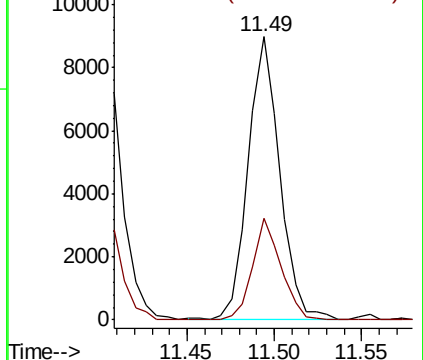
91 100

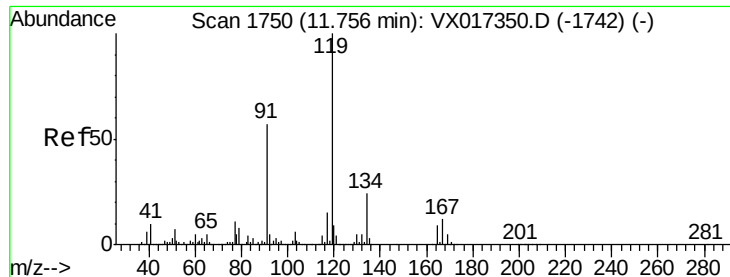
126 32.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.882 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

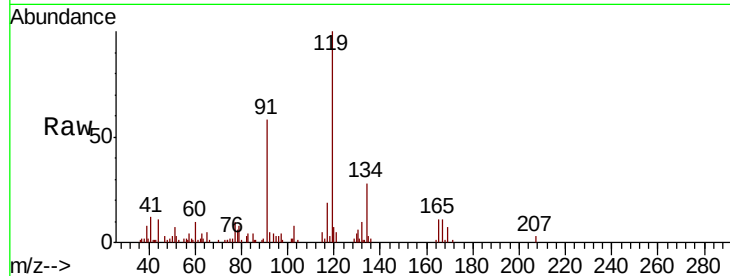
Tot Ion:119 Resp: 10760

Ion Ratio Lower Upper

119 100

91 61.5 28.5 85.6

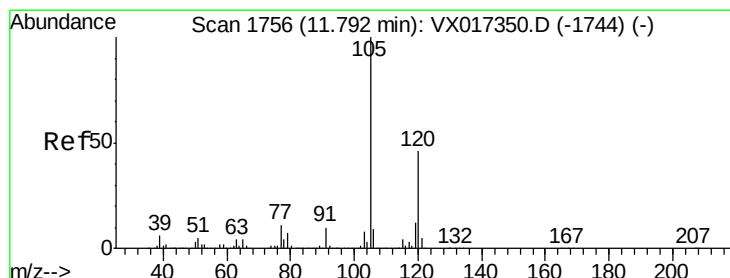
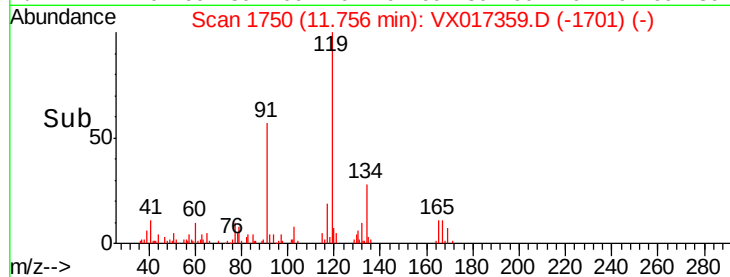
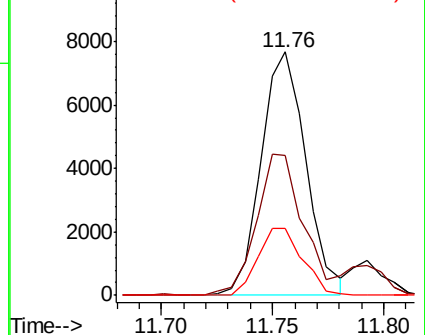
134 27.4 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.839 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017359.D

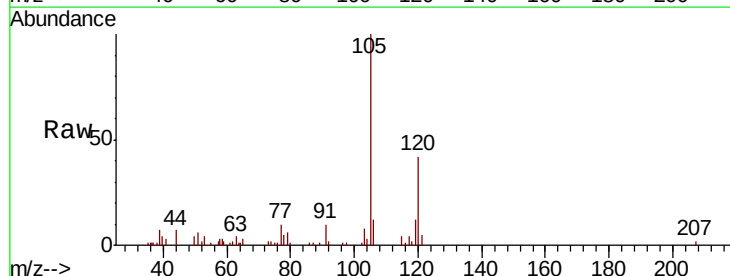
Acq: 13 Jul 2020 17:36

Tgt Ion:105 Resp: 10695

Ion Ratio Lower Upper

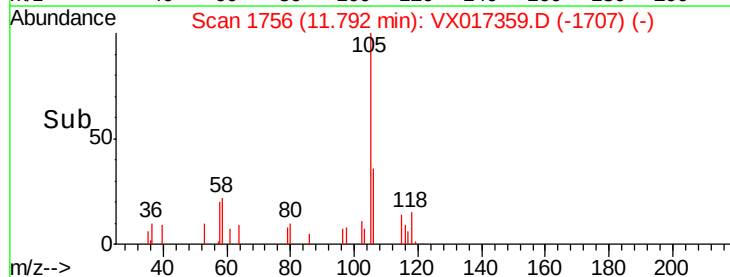
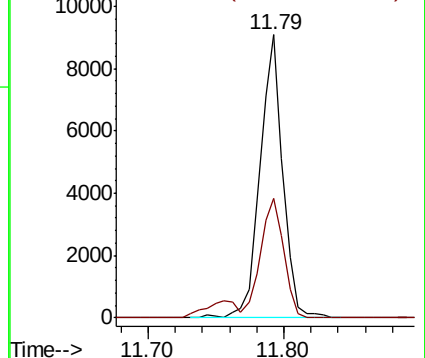
105 100

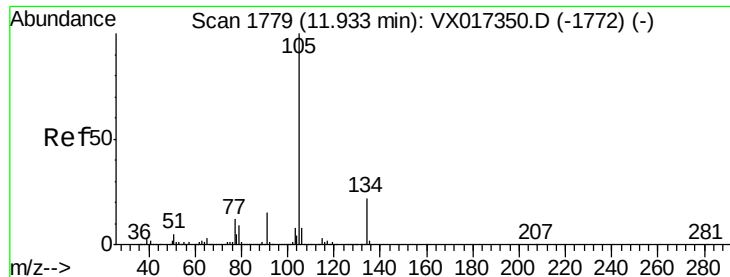
120 43.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.825 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

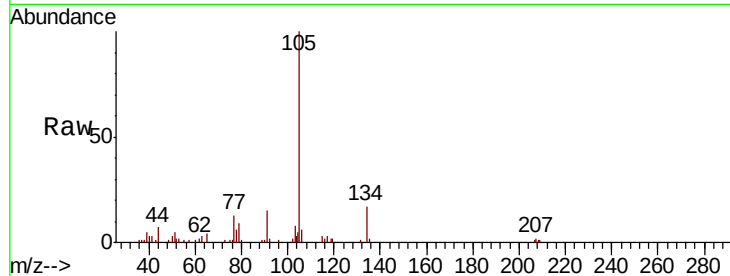
LOQ-WATER-02-QT3-2020

Tot Ion:105 Resp: 11783

Ion Ratio Lower Upper

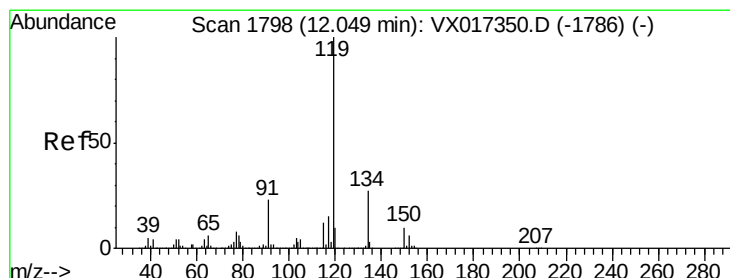
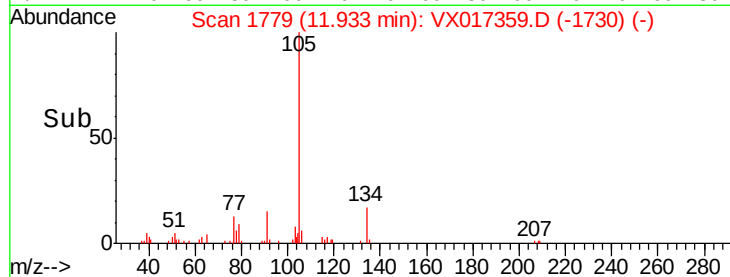
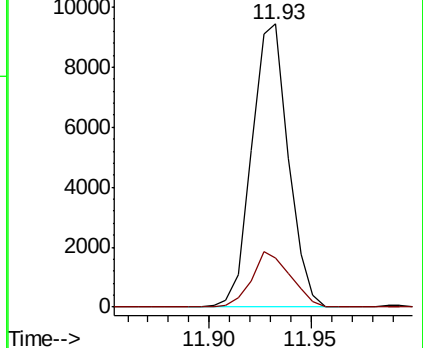
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.820 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

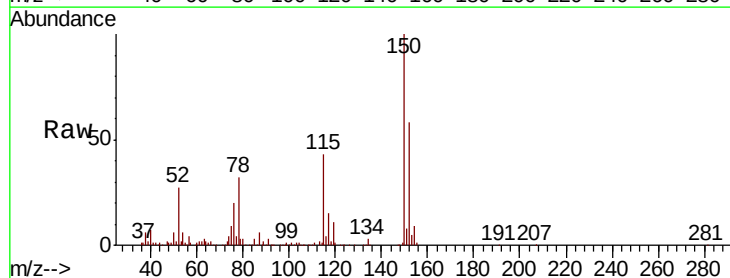
Tgt Ion:119 Resp: 11078

Ion Ratio Lower Upper

119 100

134 29.7 13.5 40.5

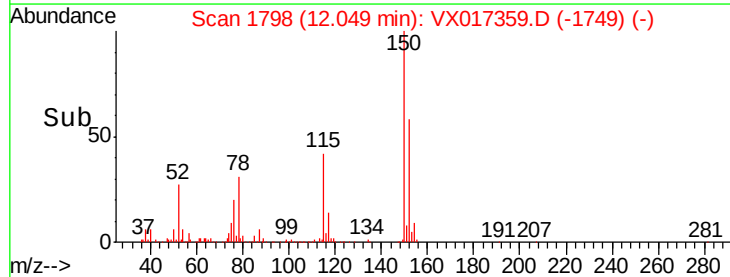
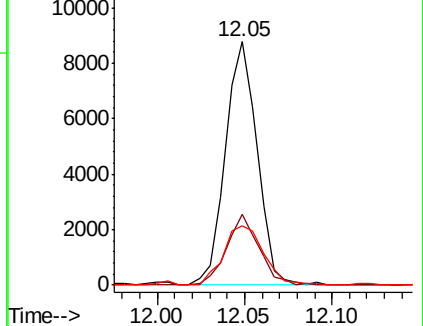
91 31.2 11.8 35.3

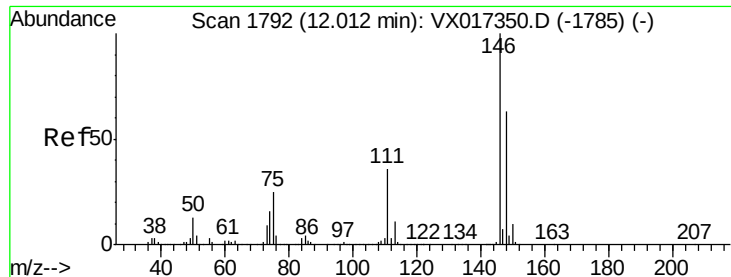


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

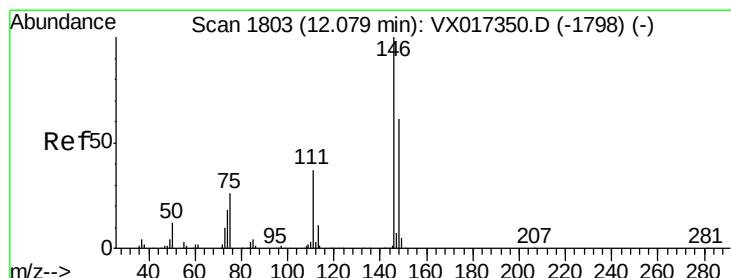
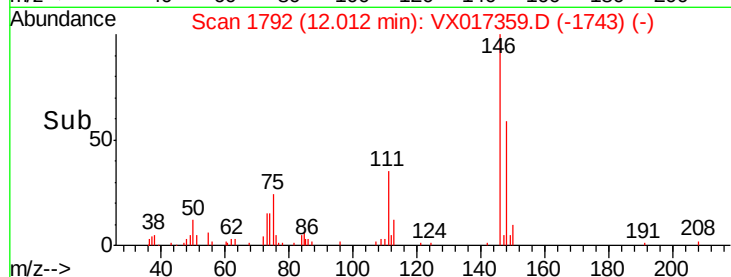
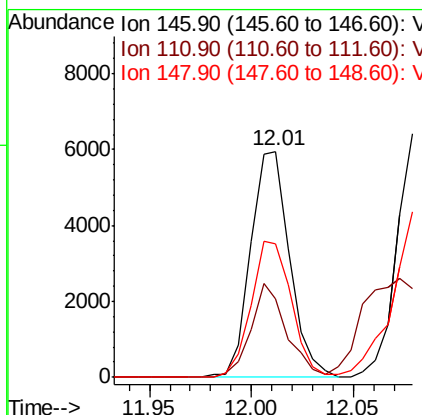
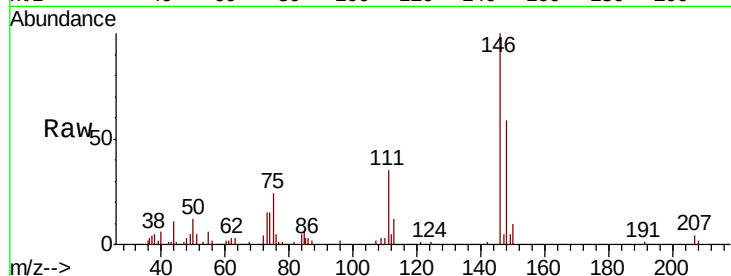




#87
 1,3-Dichlorobenzene
 Concen: 1.047 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

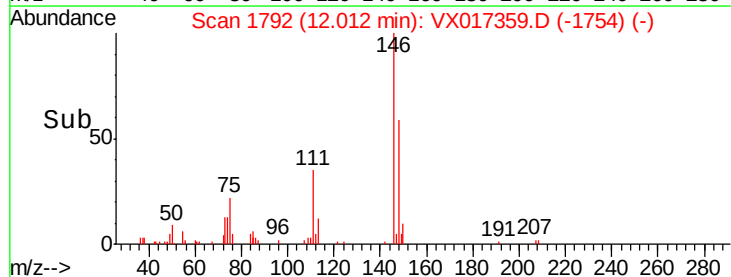
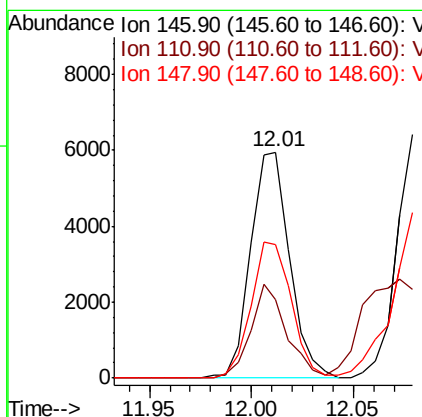
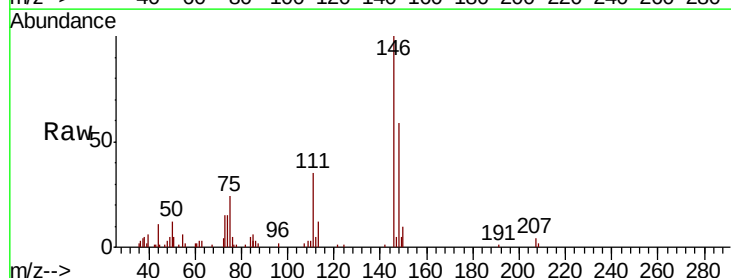
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

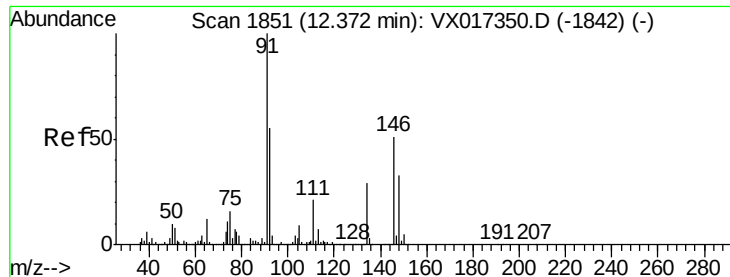
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	62.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 1.036 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	62.6	31.9	95.9

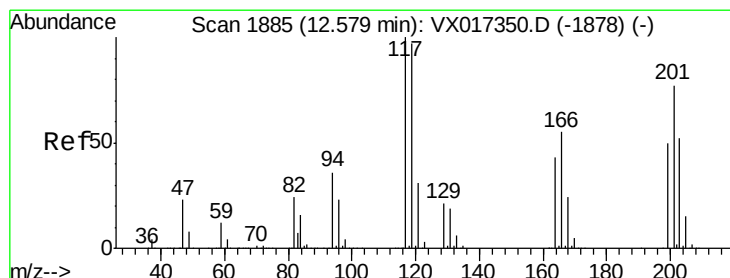
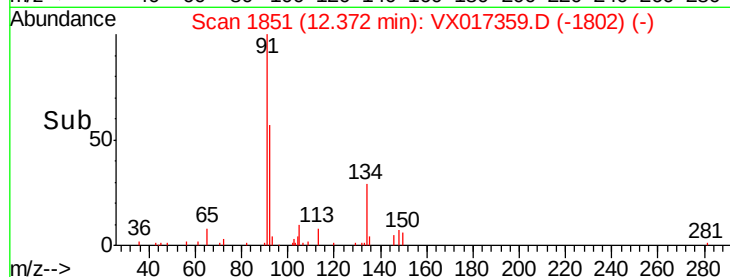
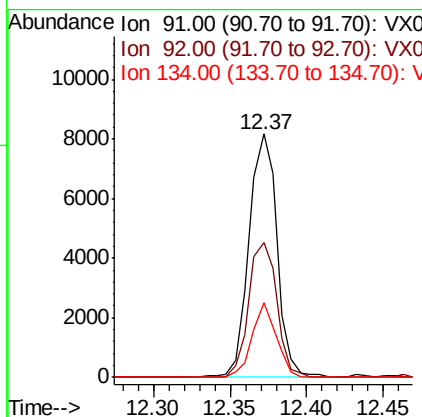
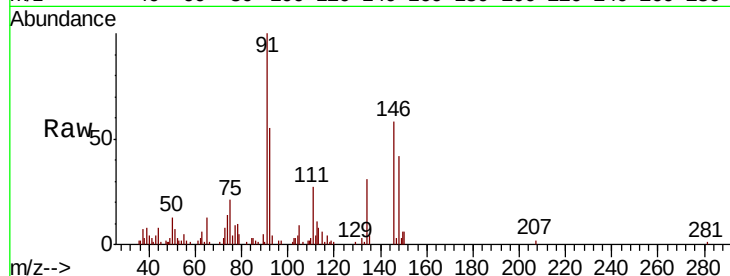




#89
n-Butylbenzene
Concen: 0.903 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

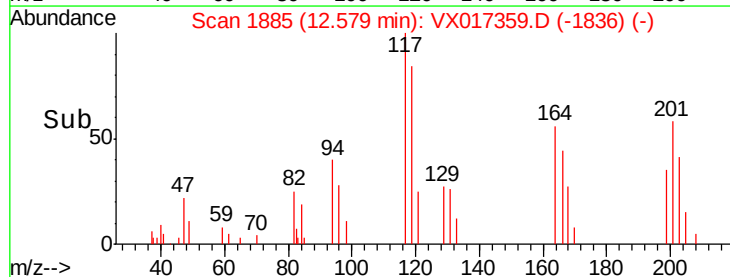
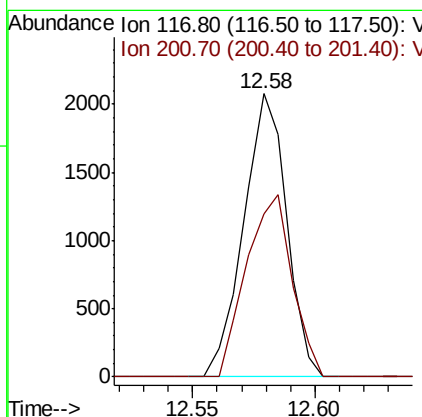
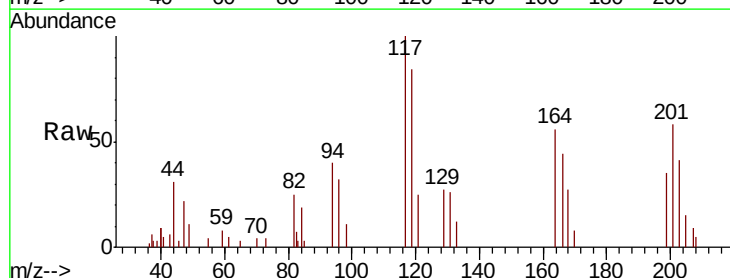
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

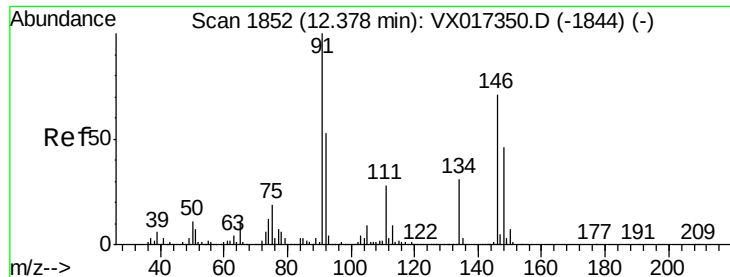
Tot Ion: 91 Resp: 10402
Ion Ratio Lower Upper
91 100
92 55.6 27.0 81.0
134 26.5 14.1 42.2



#90
Hexachloroethane
Concen: 0.987 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 117 Resp: 2532
Ion Ratio Lower Upper
117 100
201 68.4 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 0.969 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

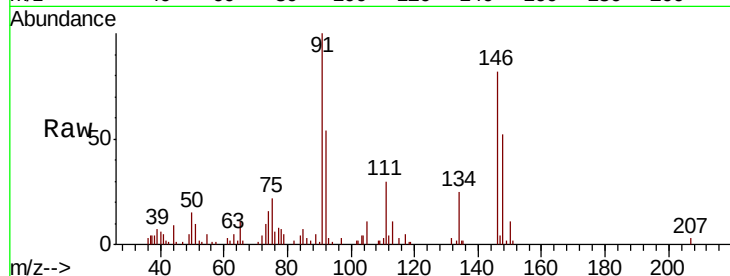
Tot Ion:146 Resp: 6895

Ion Ratio Lower Upper

146 100

111 43.1 20.3 61.0

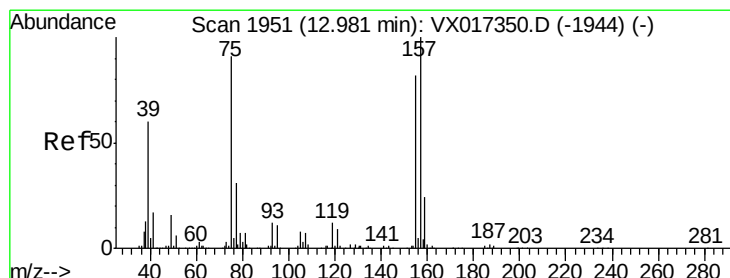
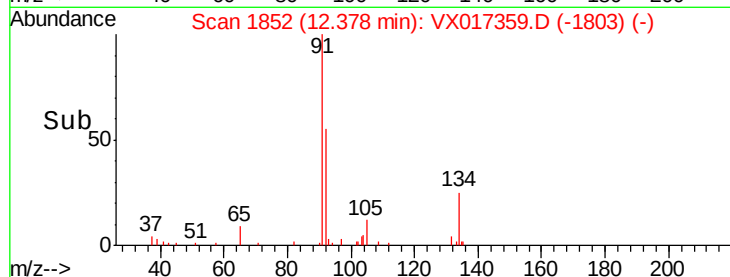
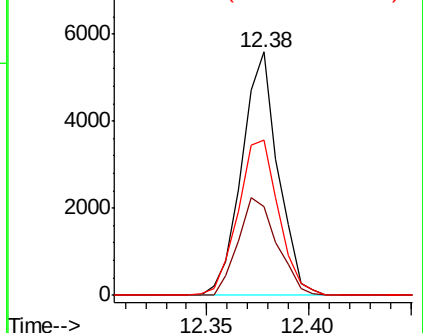
148 71.5 32.0 96.0



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: 0.979 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

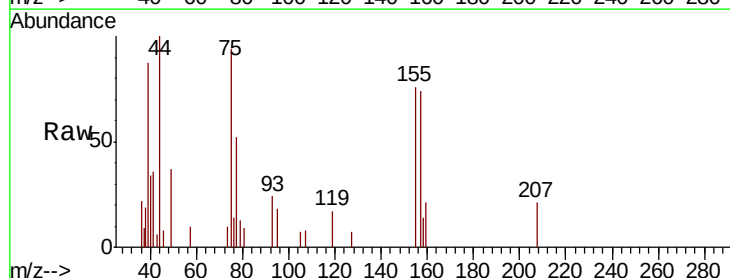
Tgt Ion: 75 Resp: 1166

Ion Ratio Lower Upper

75 100

155 73.8 46.5 139.3

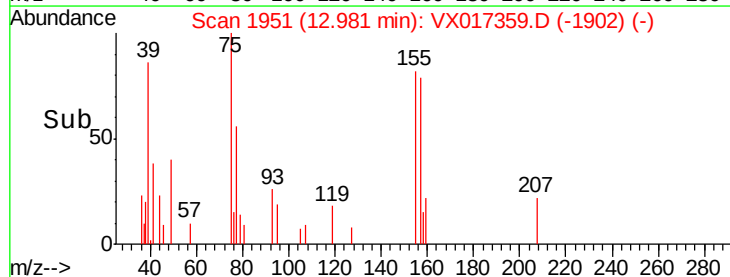
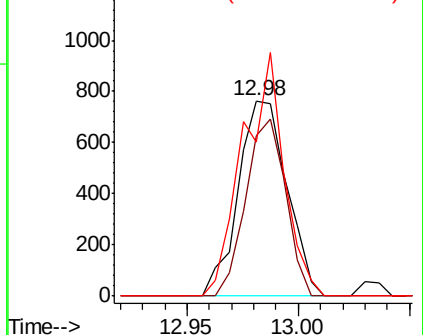
157 105.1 58.0 173.9

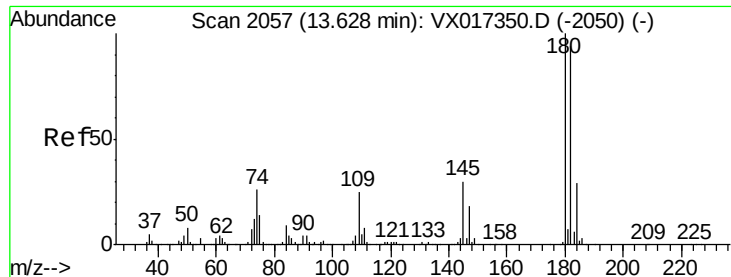


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

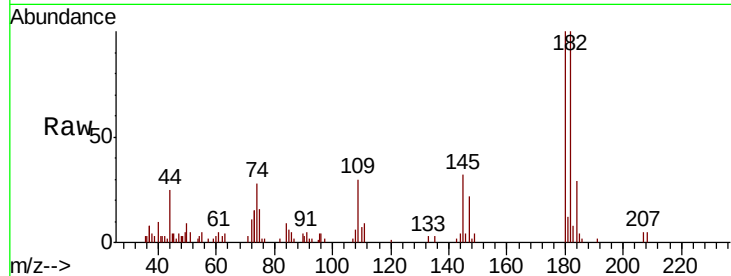




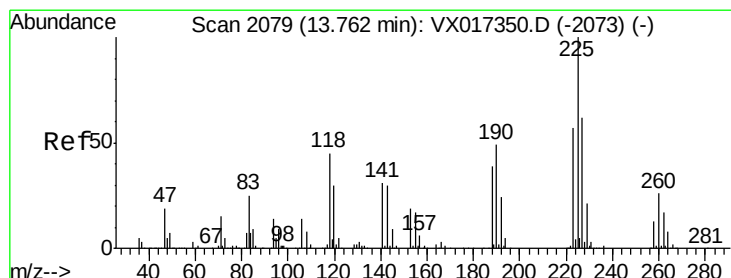
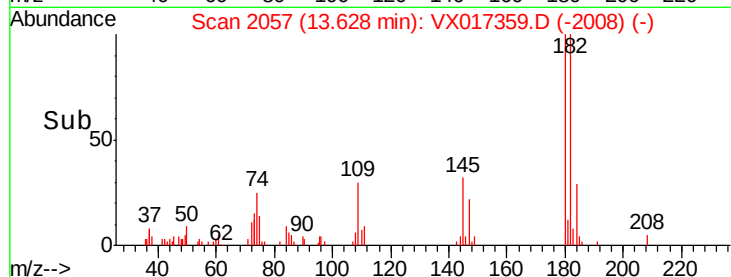
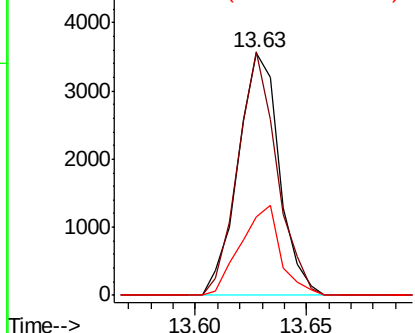
#93
 1,2,4-Trichlorobenzene
 Concen: 0.933 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:180 Resp: 4609
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.0
 145 35.8 15.3 45.8

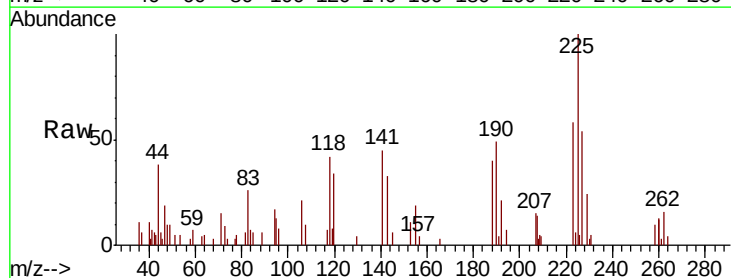


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

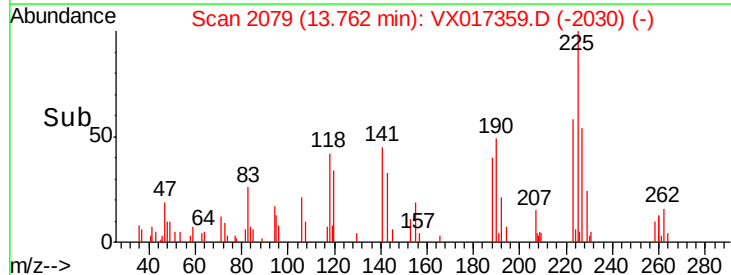
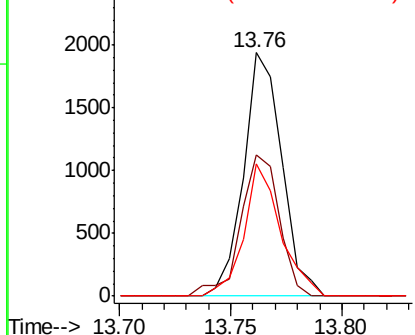


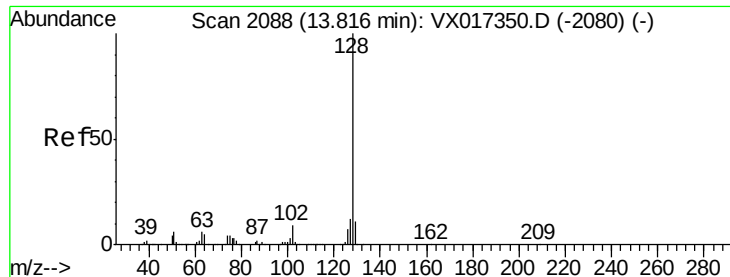
#94
 Hexachlorobutadiene
 Concen: 1.159 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion:225 Resp: 2334
 Ion Ratio Lower Upper
 225 100
 223 58.3 31.3 93.8
 227 52.0 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





#95

Naphthalene

Concen: 0.848 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

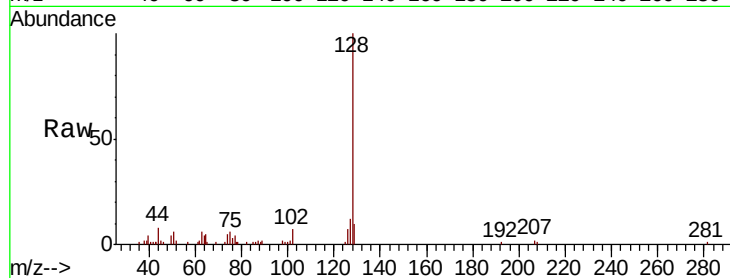
Tot Ion:128 Resp: 12322

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

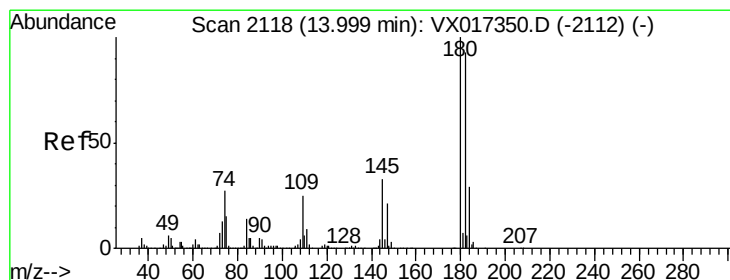
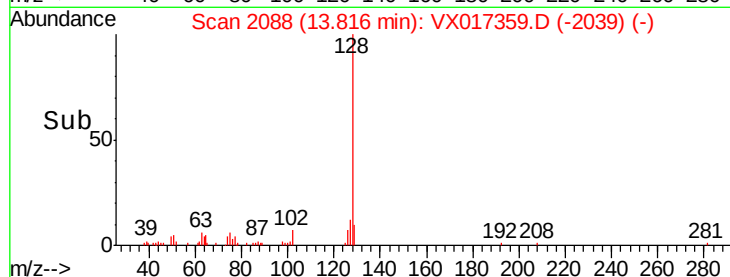
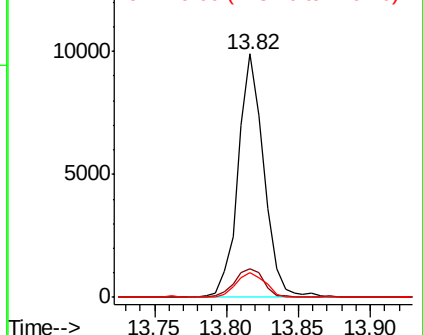
129 11.4 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.972 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

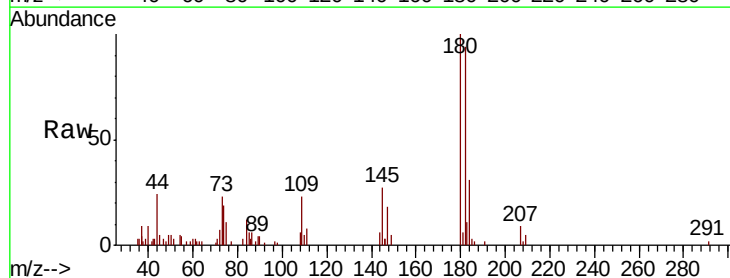
Tgt Ion:180 Resp: 4637

Ion Ratio Lower Upper

180 100

182 98.3 48.8 146.3

145 30.6 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

