

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016058.D
 Acq On : 05 May 2020 13:04
 Operator : JC/SP
 Sample : L2182-08 1.0PPB LOO
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Quant Time: May 06 04:59:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	299921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	481665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	189995	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.46	113	141407	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	8.70	98	555157	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.12	95	200749	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2967	0.935	ug/l	100
3) Chloromethane	1.31	50	3636	0.986	ug/l	93
4) Vinyl Chloride	1.39	62	3778	0.960	ug/l	99
5) Bromomethane	1.63	94	2969	1.497	ug/l	99
6) Chloroethane	1.71	64	2514	1.050	ug/l #	87
7) Trichlorofluoromethane	1.92	101	5069	0.982	ug/l	92
8) Diethyl Ether	2.17	74	2231	1.025	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2964	0.995	ug/l	97
10) Methyl Iodide	2.50	142	3061	0.765	ug/l	94
11) Tert butyl alcohol	3.01	59	5050	5.060	ug/l	95
12) 1,1-Dichloroethene	2.35	96	3108	0.997	ug/l	94
13) Acrolein	2.27	56	3177	5.087	ug/l	97
14) Allyl chloride	2.71	41	5625	0.984	ug/l	98
15) Acrylonitrile	3.12	53	9678	4.675	ug/l	96
16) Acetone	2.42	43	9229	5.241	ug/l	96
17) Carbon Disulfide	2.55	76	11149	0.988	ug/l	99
18) Methyl Acetate	2.75	43	4445	1.027	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	10716	0.997	ug/l	95
20) Methylene Chloride	2.84	84	3570	0.983	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	3550	1.022	ug/l	94
22) Diisopropyl ether	3.83	45	10606	0.983	ug/l	92
23) Vinyl Acetate	3.79	43	42061	4.433	ug/l	98
24) 1,1-Dichloroethane	3.68	63	6191	1.026	ug/l #	93
25) 2-Butanone	4.65	43	13253	4.670	ug/l	100
26) 2,2-Dichloropropane	4.56	77	5432	0.986	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	3441	0.906	ug/l	96
28) Bromochloromethane	4.98	49	2873	1.044	ug/l #	97
29) Tetrahydrofuran	5.10	42	9304	4.948	ug/l	97
30) Chloroform	5.18	83	6101	1.016	ug/l	99
31) Cyclohexane	5.55	56	5421	0.989	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	5345	0.979	ug/l #	50
36) 1,1-Dichloropropene	5.78	75	4895	1.032	ug/l	95
37) Ethyl Acetate	4.80	43	4811	0.875	ug/l #	90
38) Carbon Tetrachloride	5.75	117	4672	0.969	ug/l	91

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Quant Time: May 06 04:59:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	5711	1.000	ug/l	90
40) Benzene	6.12	78	13475	0.971	ug/l	97
41) Methacrylonitrile	5.01	41	2763	0.931	ug/l #	90
42) 1,2-Dichloroethane	6.17	62	5145	1.030	ug/l	96
43) Isopropyl Acetate	6.42	43	8442	0.963	ug/l	98
44) Trichloroethene	7.20	130	4919	0.998	ug/l	95
45) 1,2-Dichloropropane	7.49	63	3433	0.978	ug/l	98
46) Dibromomethane	7.64	93	2142	0.898	ug/l	88
47) Bromodichloromethane	7.88	83	4492	0.925	ug/l #	92
48) Methyl methacrylate	7.75	41	3457	0.832	ug/l	89
49) 1,4-Dioxane	7.72	88	1924	19.309	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	23369	4.355	ug/l	98
52) Toluene	8.77	92	8224	0.951	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5263	0.909	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	5555	0.918	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	3296	0.969	ug/l	94
56) Ethyl methacrylate	9.16	69	4782	0.861	ug/l	94
57) 1,3-Dichloropropane	9.35	76	5570	0.938	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.29	63	10679	3.612	ug/l	100
59) 2-Hexanone	9.48	43	18207	4.321	ug/l	97
60) Dibromochloromethane	9.57	129	3345	0.893	ug/l	92
61) 1,2-Dibromoethane	9.66	107	3265	0.886	ug/l	97
64) Tetrachloroethene	9.32	164	5678	1.058	ug/l	96
65) Chlorobenzene	10.12	112	8644	0.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	3120	0.922	ug/l #	60
67) Ethyl Benzene	10.24	91	15308	0.937	ug/l	96
68) m/p-Xylenes	10.35	106	11224	1.834	ug/l	100
69) o-Xylene	10.68	106	5376	0.914	ug/l	96
70) Styrene	10.69	104	8710	0.873	ug/l	97
71) Bromoform	10.84	173	2196	0.797	ug/l #	98
73) Isopropylbenzene	11.00	105	13917	0.901	ug/l	98
74) N-amyl acetate	10.88	43	6152	0.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	2358	5.445	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	5873	1.218	ug/l	94
77) Bromobenzene	11.24	156	3899	0.978	ug/l	97
78) n-propylbenzene	11.35	91	17193	0.956	ug/l	99
79) 2-Chlorotoluene	11.41	91	9995	0.942	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	11489	0.881	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	102314	50.576	ug/l #	13
82) 4-Chlorotoluene	11.49	91	12153	0.970	ug/l	99
83) tert-Butylbenzene	11.76	119	10195	0.907	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	11564	0.877	ug/l	98
85) sec-Butylbenzene	11.93	105	13703	0.903	ug/l	100
86) p-Isopropyltoluene	12.05	119	12551	0.890	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	6838	0.955	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	6838	0.941	ug/l	99
89) n-Butylbenzene	12.37	91	10911	0.847	ug/l	100
90) Hexachloroethane	12.58	117	1938	0.801	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	6590	0.956	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1217	0.958	ug/l	84

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4611	0.903	ug/l	96
94) Hexachlorobutadiene	13.76	225	2334	1.574	ug/l	90
95) Naphthalene	13.82	128	14643	0.886	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	4660	0.934	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

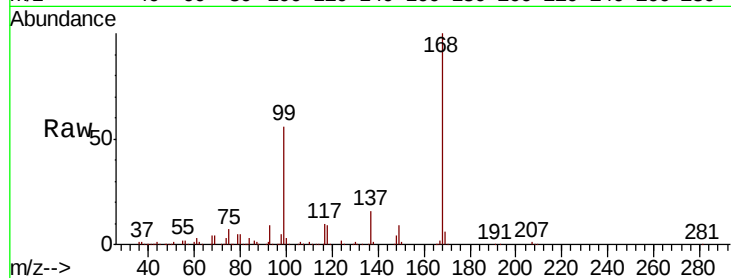
LOQ-WATER-02-QT2-2020

Tot Ion:168 Resp: 299921

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

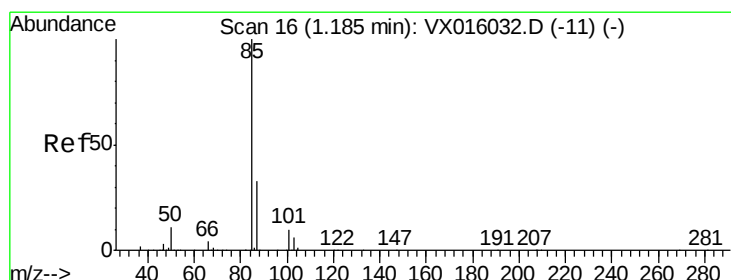
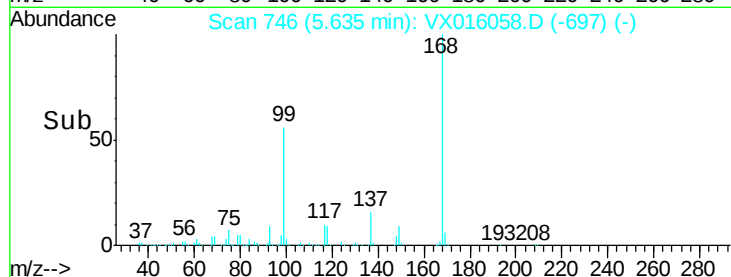
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.935 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016058.D

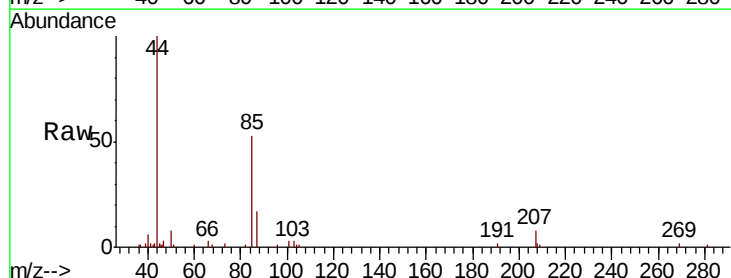
Acq: 05 May 2020 13:04

Tgt Ion: 85 Resp: 2967

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

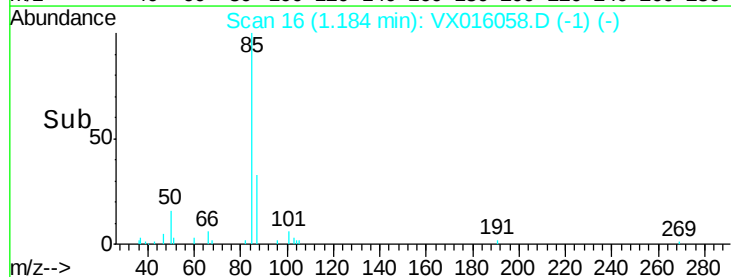
3000

2000

1000

0

Time-->





#3

Chloromethane

Concen: 0.986 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

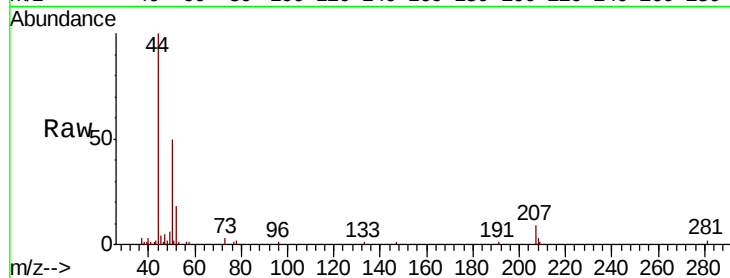
LOQ-WATER-02-QT2-2020

Tot Ion: 50 Resp: 3636

Ion Ratio Lower Upper

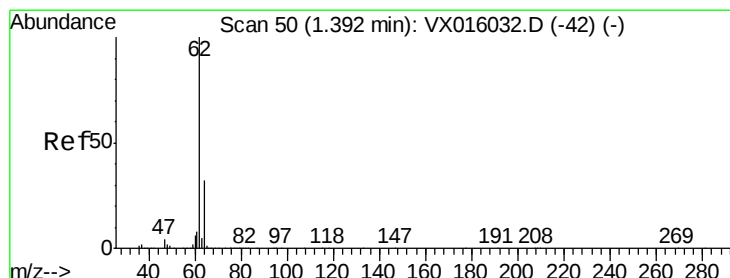
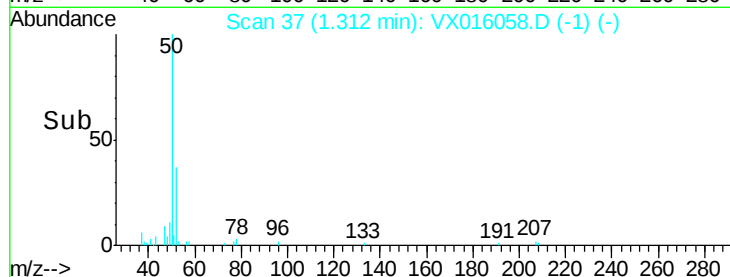
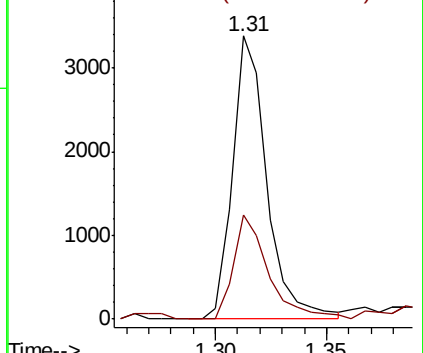
50 100

52 36.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.960 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016058.D

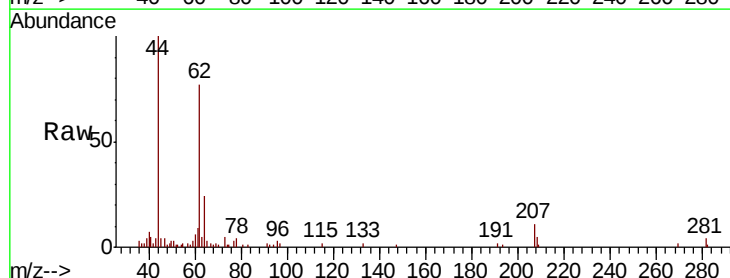
Acq: 05 May 2020 13:04

Tgt Ion: 62 Resp: 3778

Ion Ratio Lower Upper

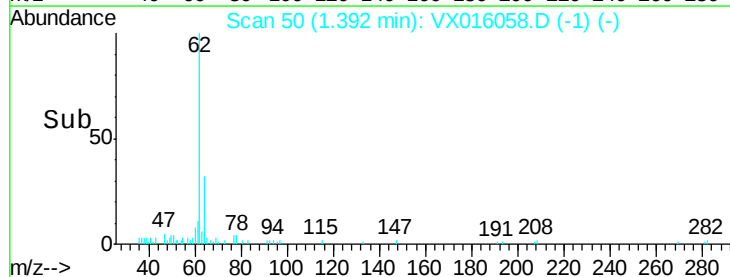
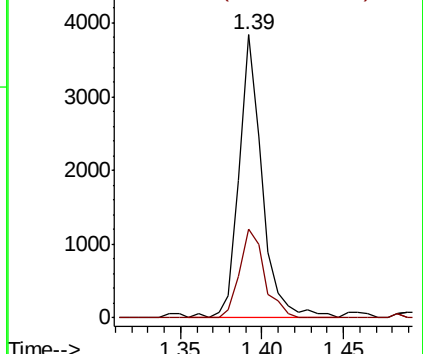
62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.497 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

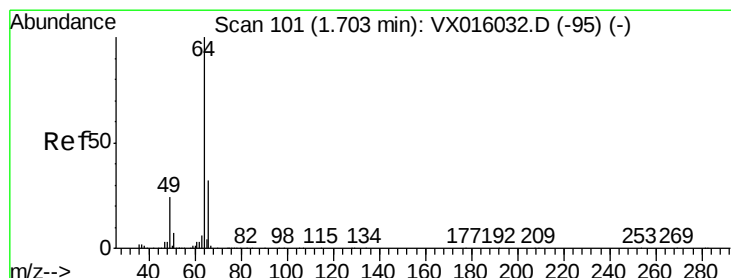
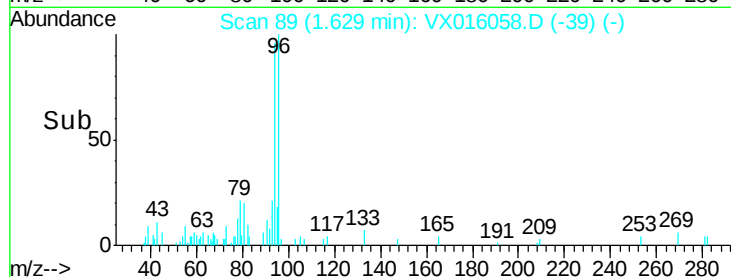
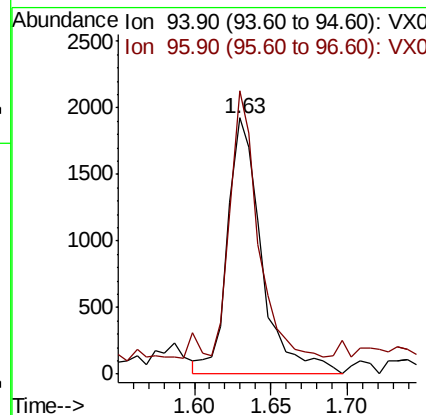
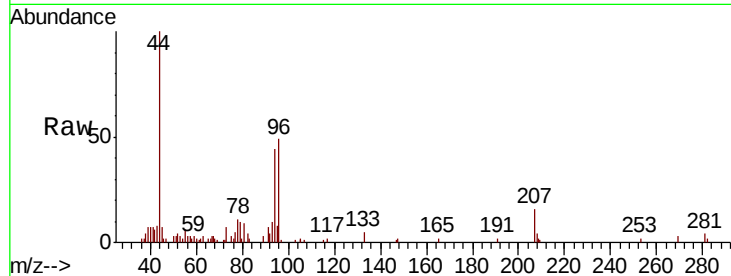
LOQ-WATER-02-QT2-2020

Tot Ion: 94 Resp: 2969

Ion Ratio Lower Upper

94 100

96 97.3 76.9 115.3



#6

Chloroethane

Concen: 1.050 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016058.D

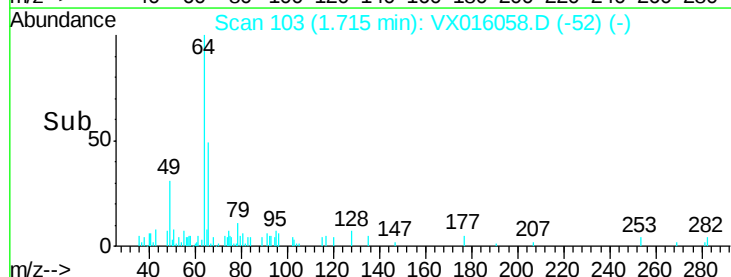
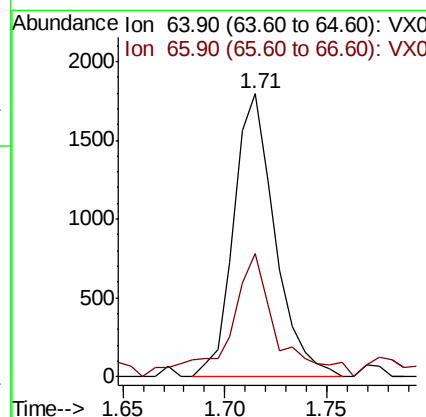
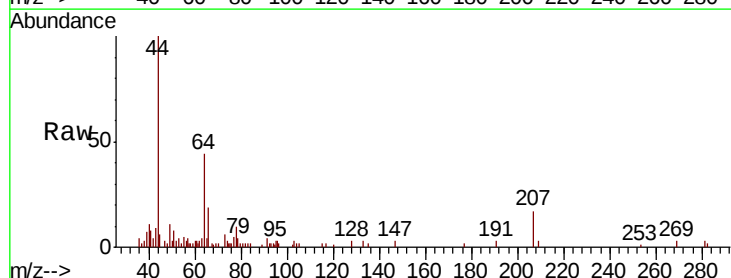
Acq: 05 May 2020 13:04

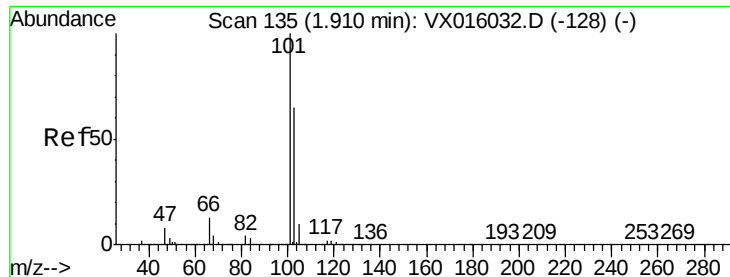
Tgt Ion: 64 Resp: 2514

Ion Ratio Lower Upper

64 100

66 38.6 25.2 37.8#



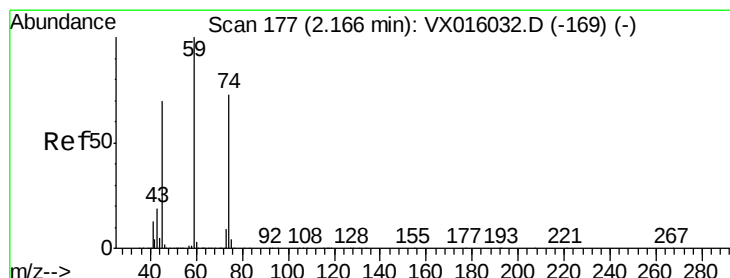
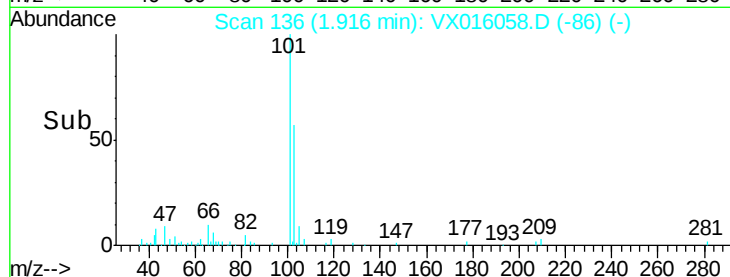
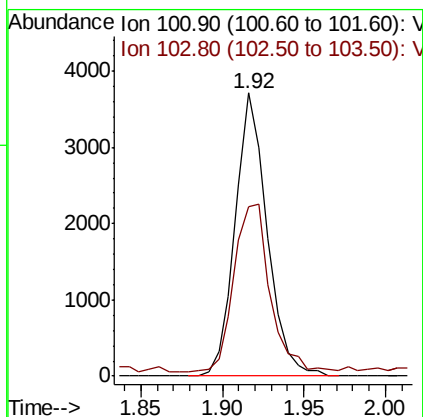
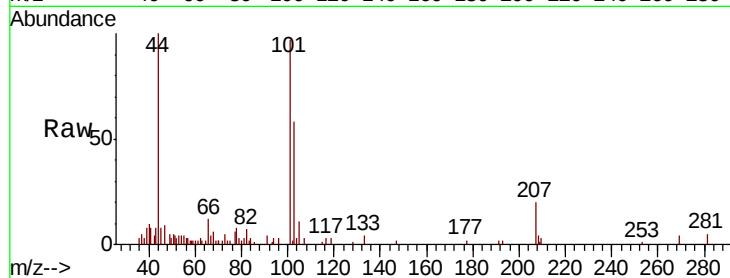


#7

Trichlorofluoromethane
Concen: 0.982 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
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LOQ-WATER-02-QT2-2020

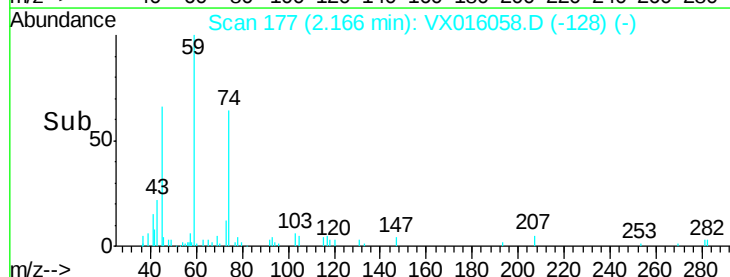
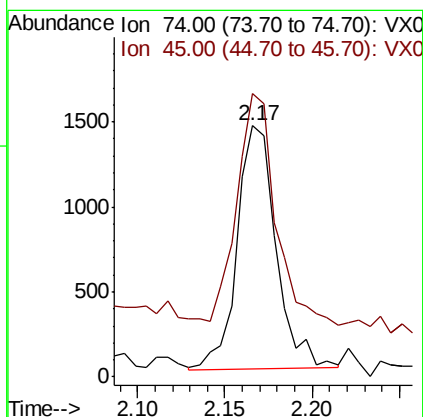
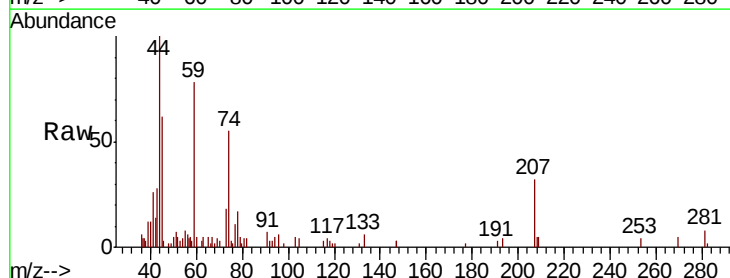
Tot Ion:101 Resp: 5069
Ion Ratio Lower Upper
101 100
103 58.4 51.8 77.6

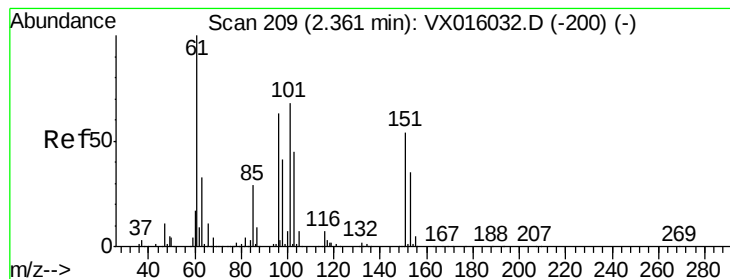


#8

Diethyl Ether
Concen: 1.025 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 74 Resp: 2231
Ion Ratio Lower Upper
74 100
45 92.5 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.995 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

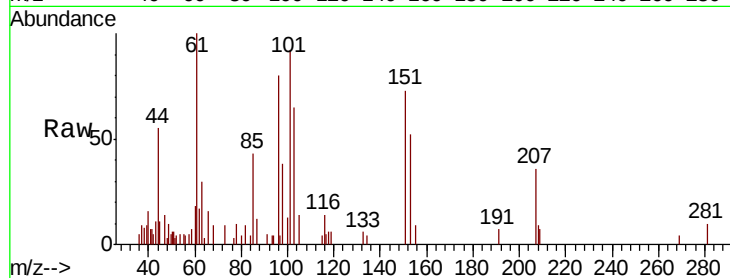
Tot Ion:101 Resp: 2964

Ion Ratio Lower Upper

101 100

85 47.5 34.2 51.4

151 78.1 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

2000 Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

1500

1000

500

0

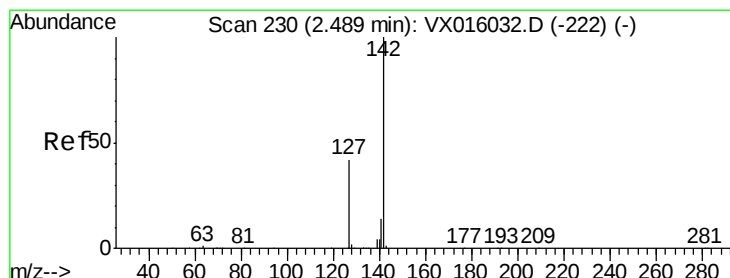
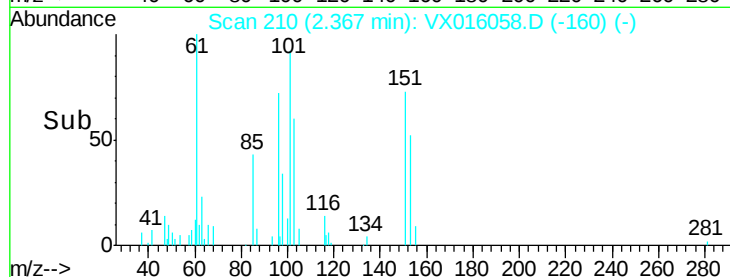
Time-->

2.30

2.35

2.40

2.45



#10

Methyl Iodide

Concen: 0.765 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

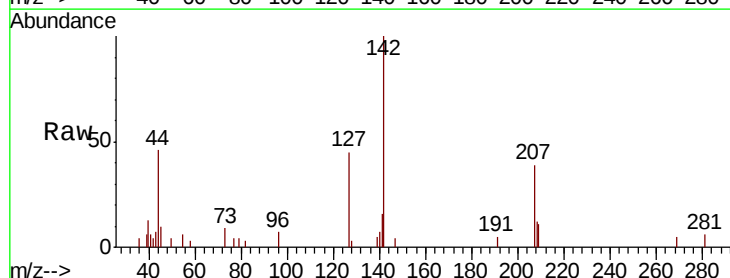
Tgt Ion:142 Resp: 3061

Ion Ratio Lower Upper

142 100

127 47.7 34.6 52.0

141 16.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

2000 Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1500

1000

500

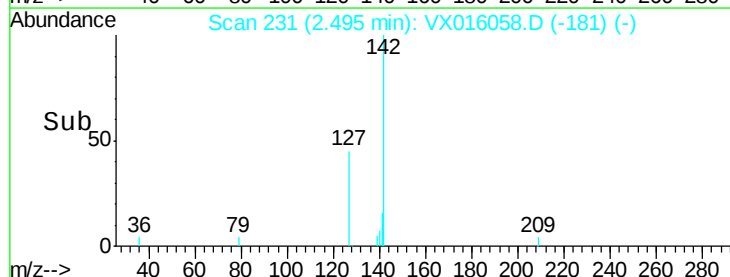
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Time-->

2.45

2.50

2.55



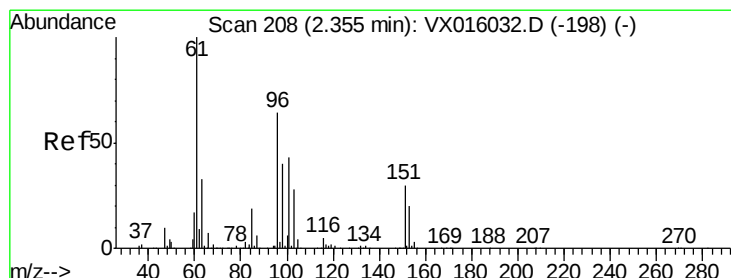
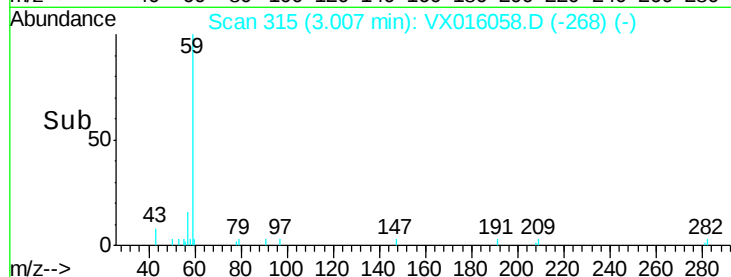
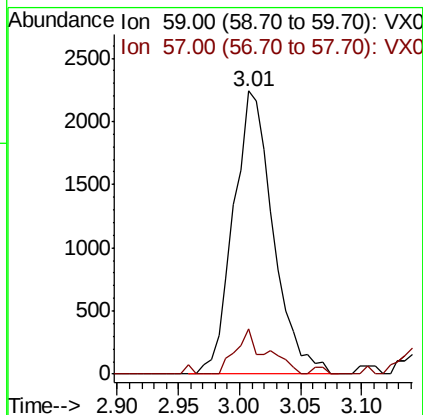
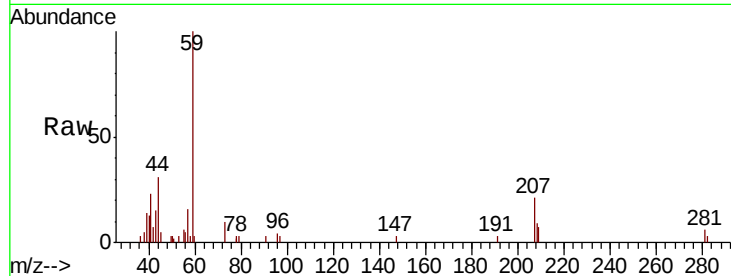


#11

Tert butyl alcohol
 Concen: 5.060 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

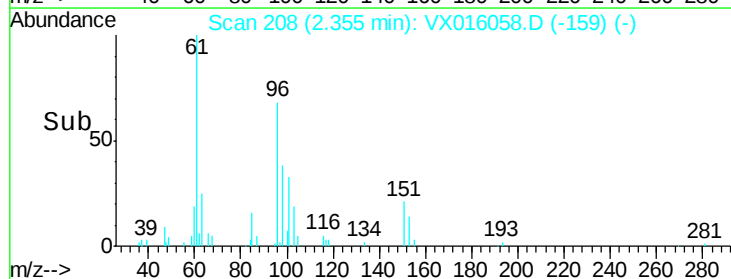
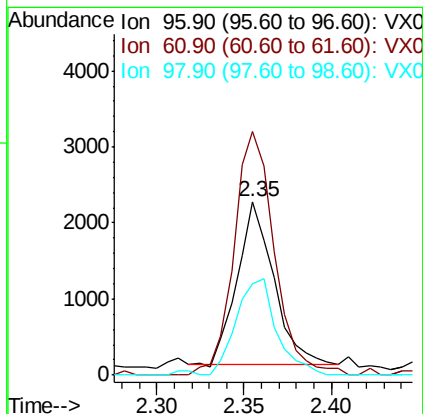
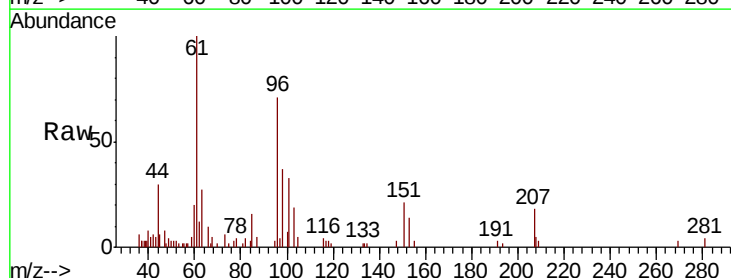
Tot Ion: 59 Resp: 5050
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.2 12.4

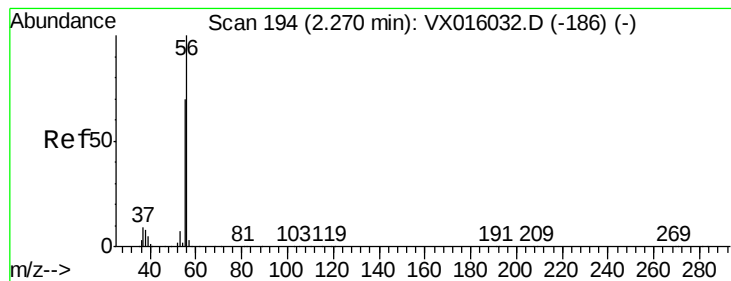


#12

1,1-Dichloroethene
 Concen: 0.997 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion: 96 Resp: 3108
 Ion Ratio Lower Upper
 96 100
 61 149.9 124.8 187.2
 98 55.9 49.7 74.5





#13

Acrolein

Concen: 5.087 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

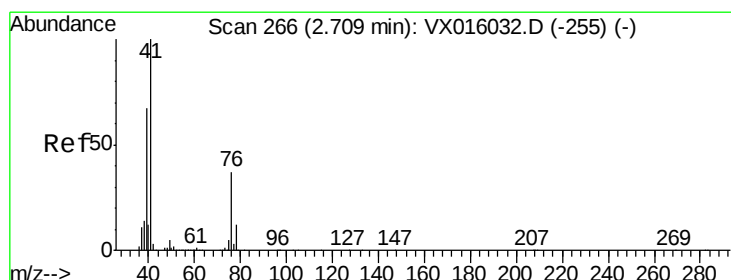
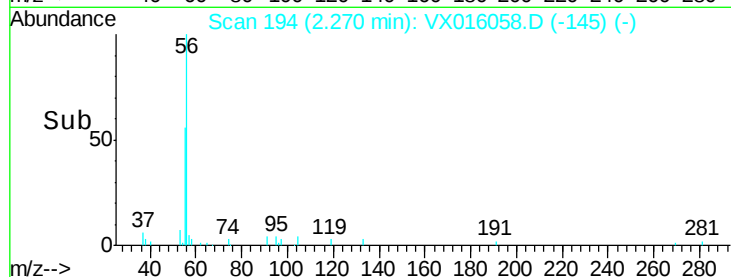
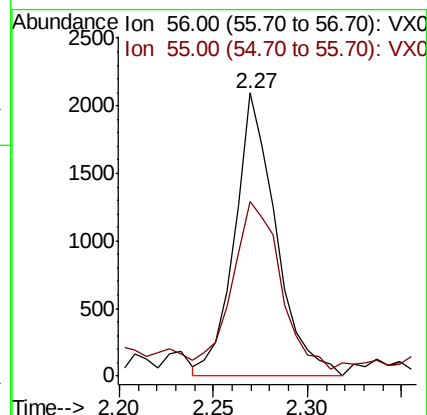
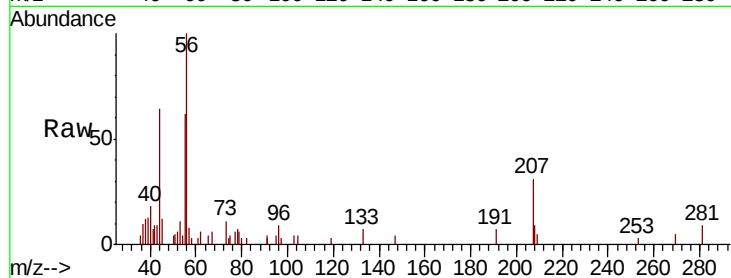
LOQ-WATER-02-QT2-2020

Tot Ion: 56 Resp: 3177

Ion Ratio Lower Upper

56 100

55 68.1 56.5 84.7



#14

Allyl chloride

Concen: 0.984 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

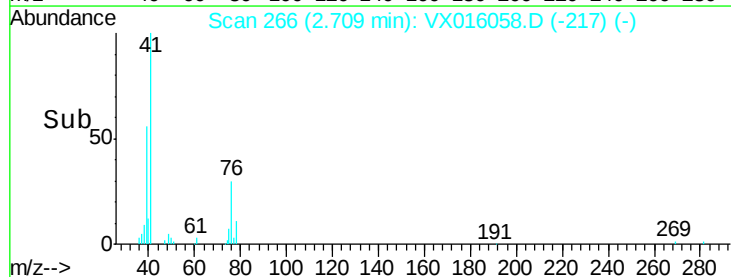
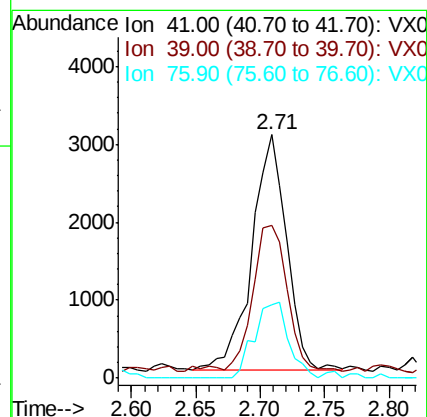
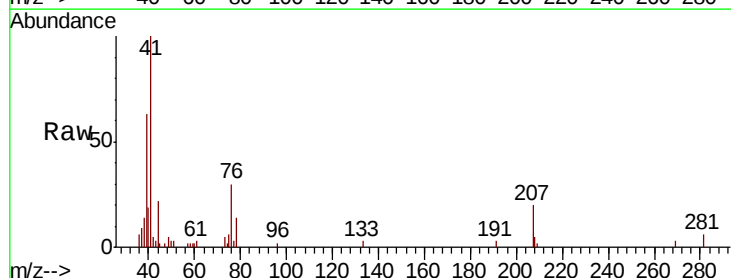
Tgt Ion: 41 Resp: 5625

Ion Ratio Lower Upper

41 100

39 62.4 50.5 75.7

76 31.7 26.6 40.0





#15

Acrylonitrile

Concen: 4.675 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

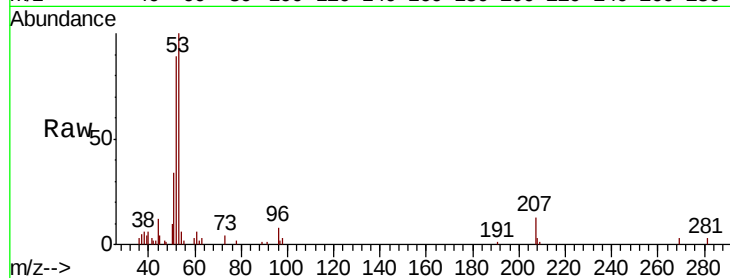
Tot Ion: 53 Resp: 9678

Ion Ratio Lower Upper

53 100

52 86.1 66.1 99.1

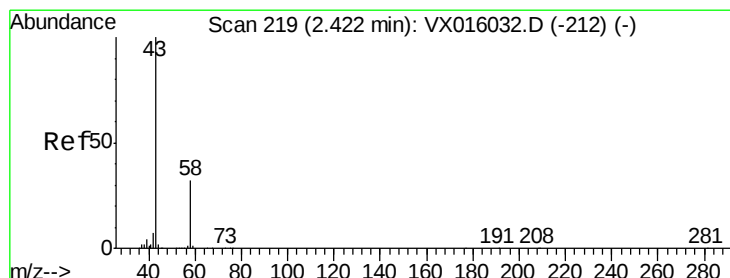
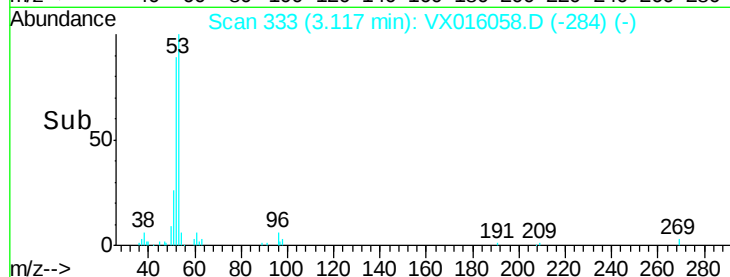
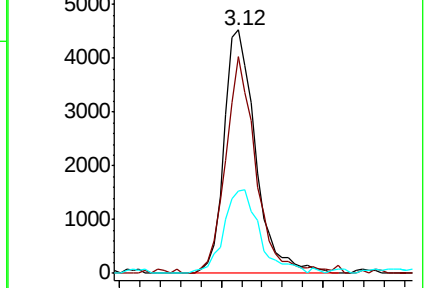
51 38.8 28.8 43.2



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: 5.241 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016058.D

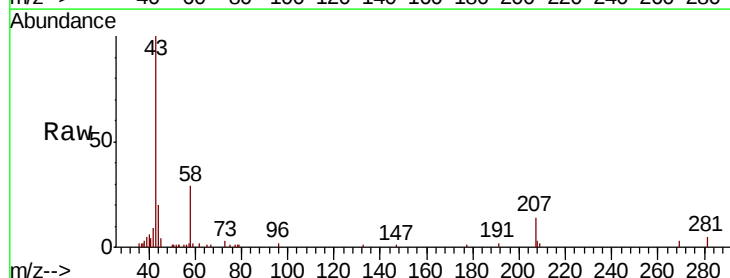
Acq: 05 May 2020 13:04

Tgt Ion: 43 Resp: 9229

Ion Ratio Lower Upper

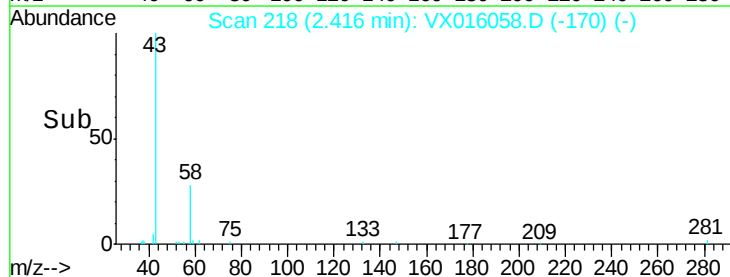
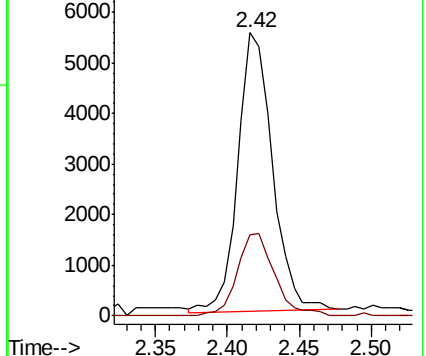
43 100

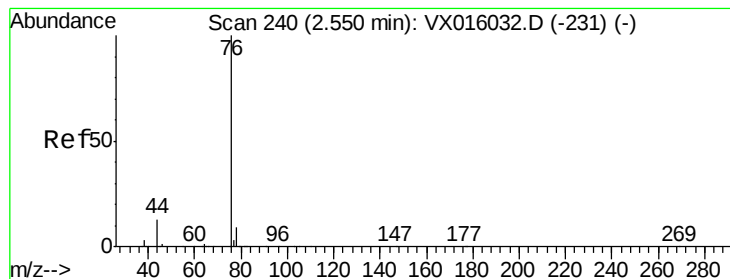
58 29.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.988 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

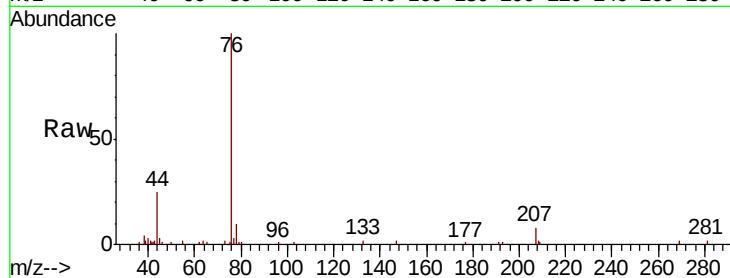
LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 11149

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

8000

6000

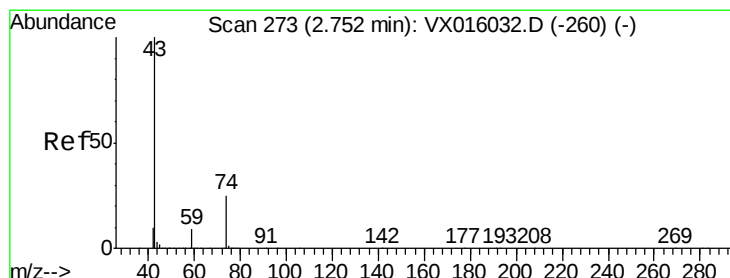
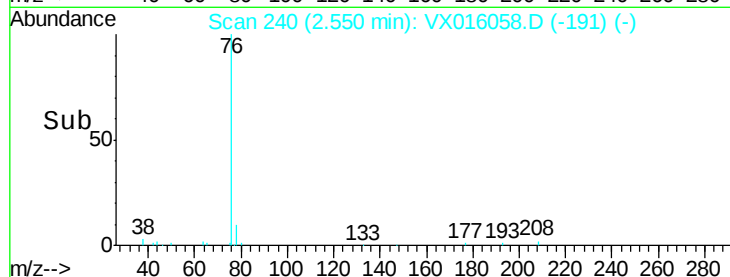
4000

2000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 1.027 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016058.D

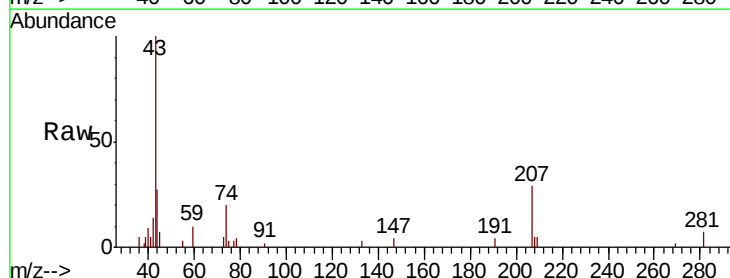
Acq: 05 May 2020 13:04

Tgt Ion: 43 Resp: 4445

Ion Ratio Lower Upper

43 100

74 29.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

3000

2500

2000

1500

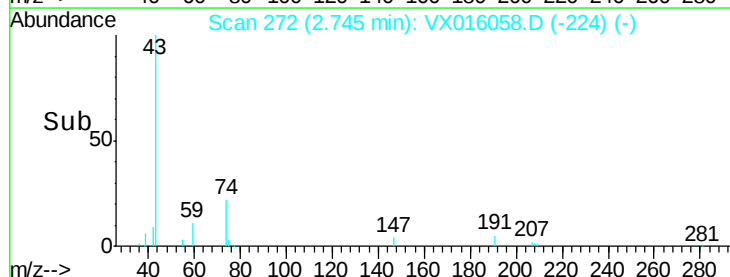
1000

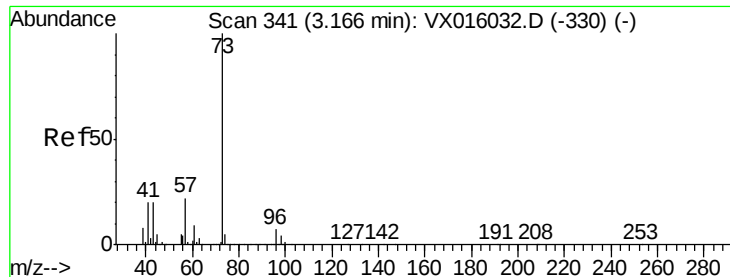
500

0

Time-->

2.65 2.70 2.75 2.80 2.85

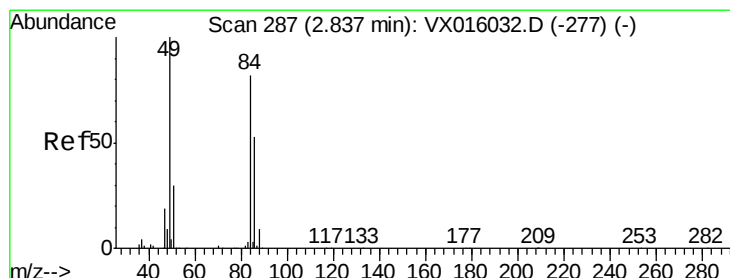
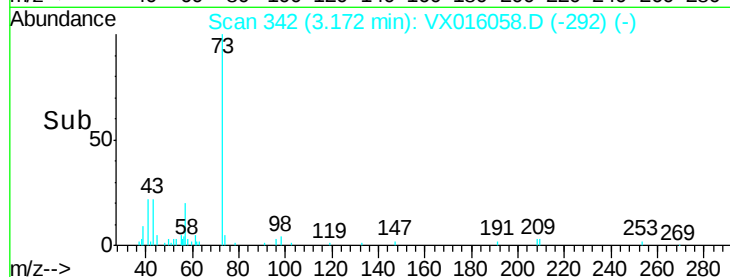
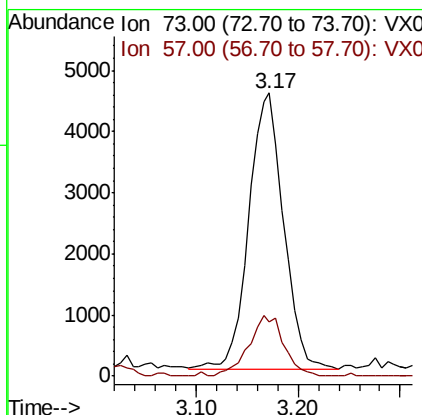
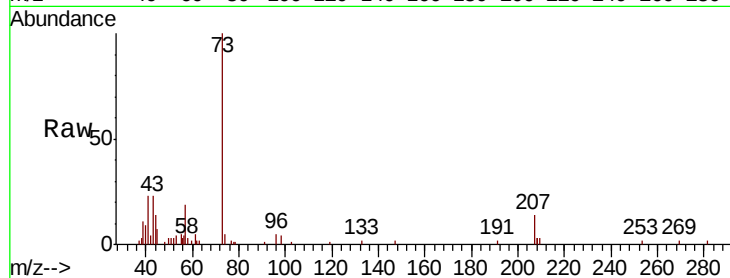




#19
Methyl tert-butyl Ether
Concen: 0.997 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

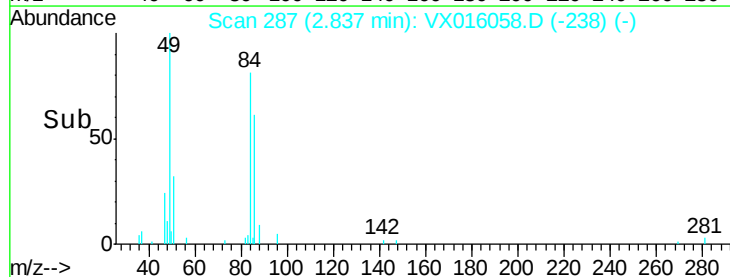
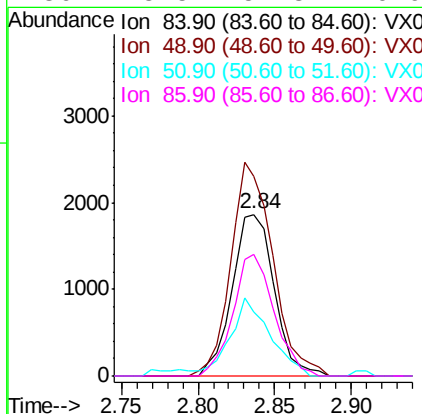
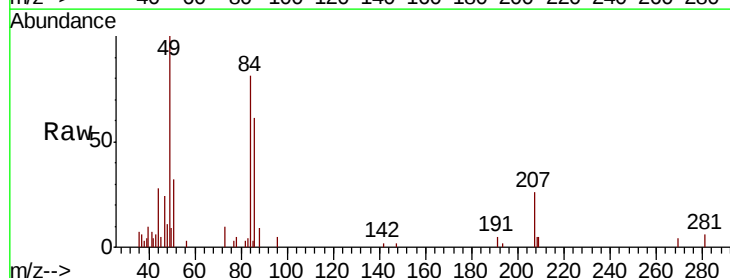
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

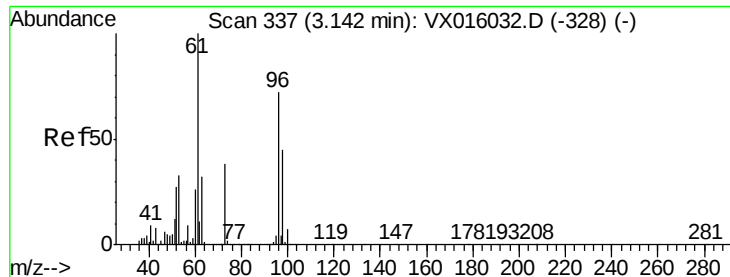
Tot Ion: 73 Resp: 10716
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.6



#20
Methylene Chloride
Concen: 0.983 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 84 Resp: 3570
Ion Ratio Lower Upper
84 100
49 123.3 97.3 145.9
51 39.3 29.3 43.9
86 75.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 1.022 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

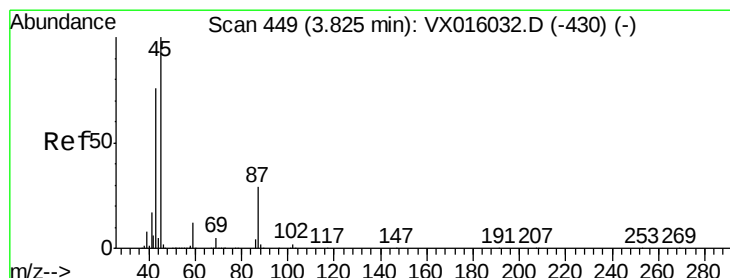
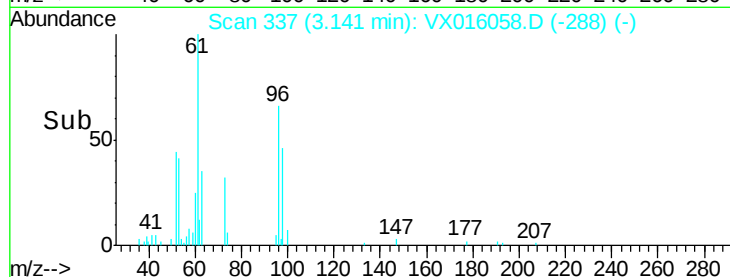
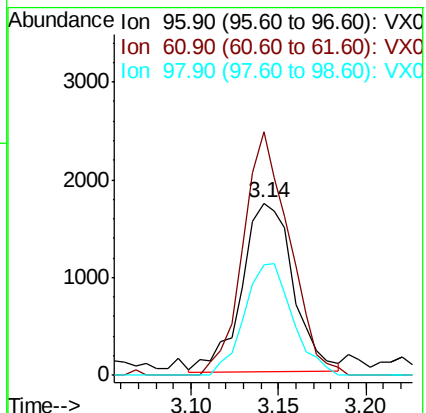
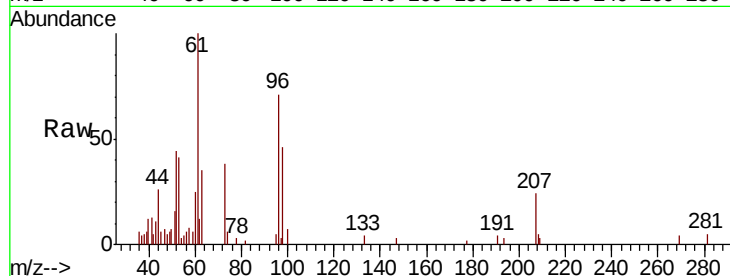
Tot Ion: 96 Resp: 3550

Ion Ratio Lower Upper

96 100

61 146.3 111.2 166.8

98 66.6 50.2 75.4



#22

Diisopropyl ether

Concen: 0.983 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion: 45 Resp: 10606

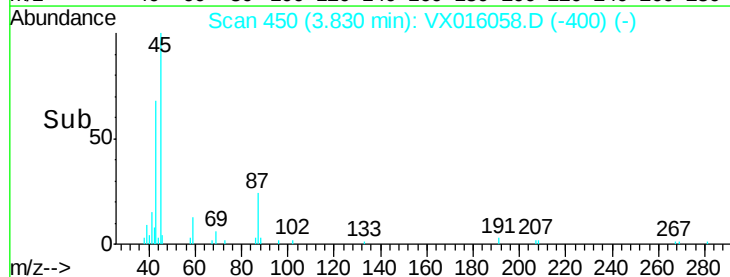
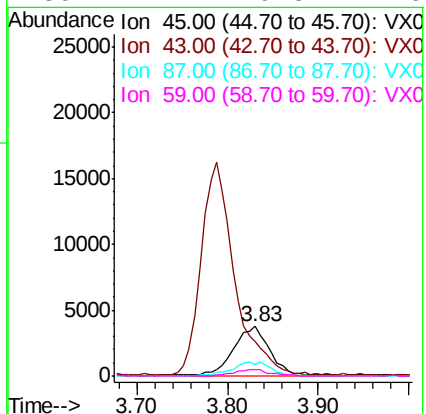
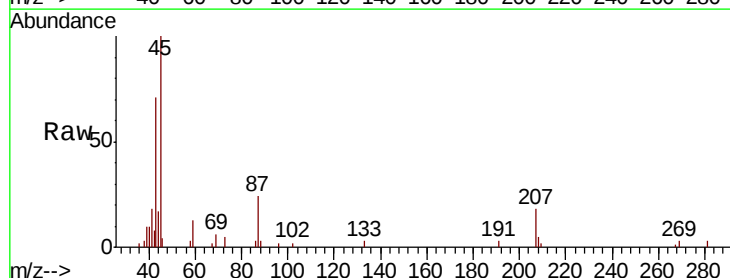
Ion Ratio Lower Upper

45 100

43 69.4 61.1 91.7

87 23.6 23.0 34.6

59 12.7 9.8 14.6





#23

Vinyl Acetate

Concen: 4.433 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

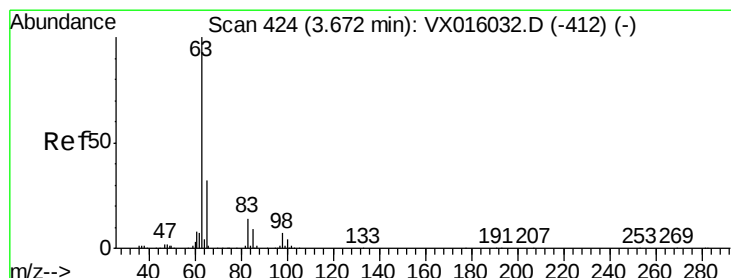
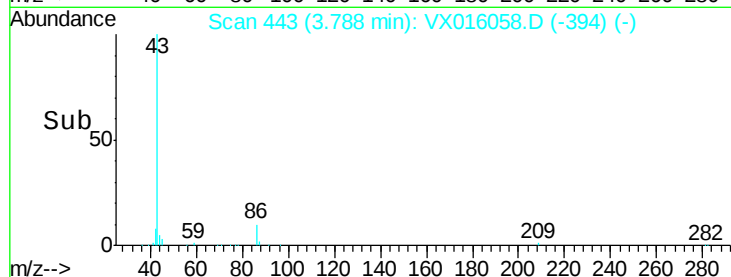
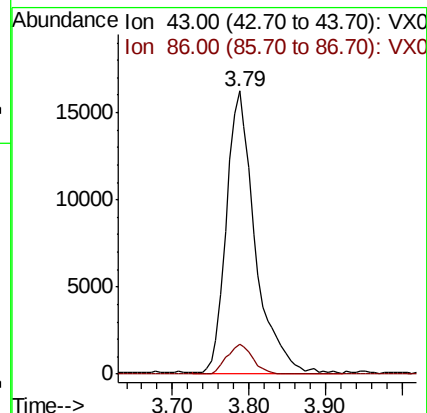
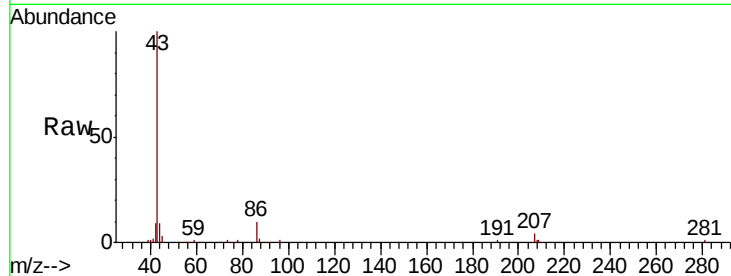
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 42061

Ion Ratio Lower Upper

43 100

86 10.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 1.026 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

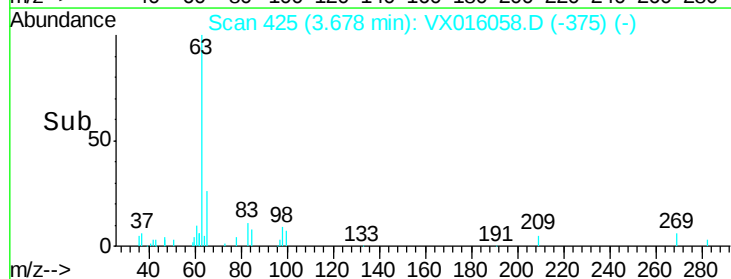
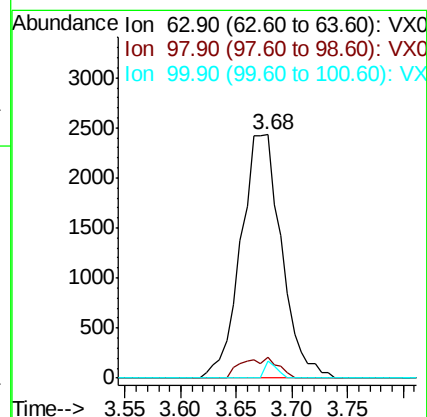
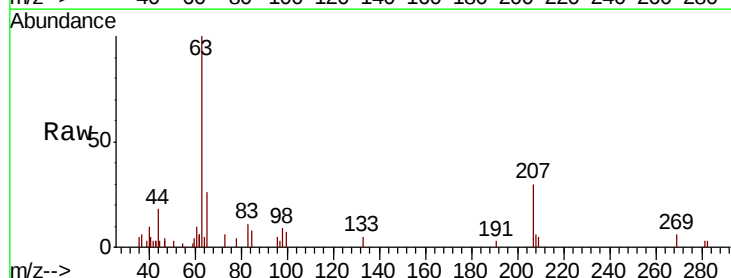
Tgt Ion: 63 Resp: 6191

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

100 7.2 2.1 6.5#





#25

2-Butanone

Concen: 4.670 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

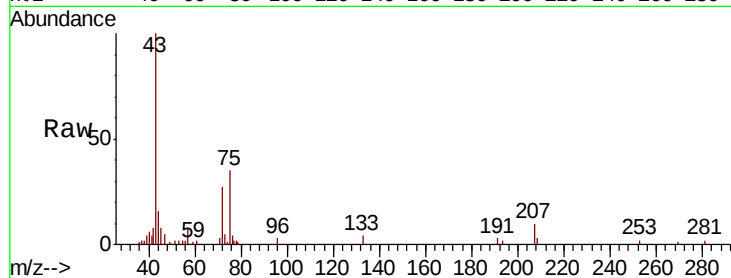
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 13253

Ion Ratio Lower Upper

43 100

72 27.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

4000

3000

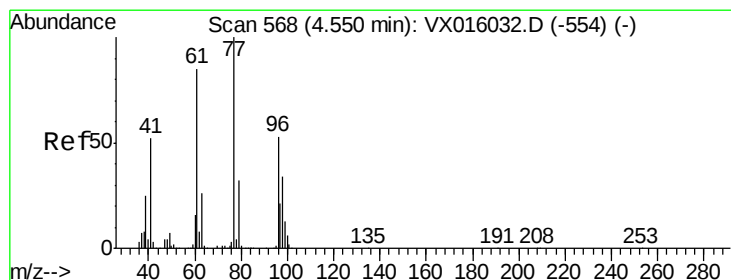
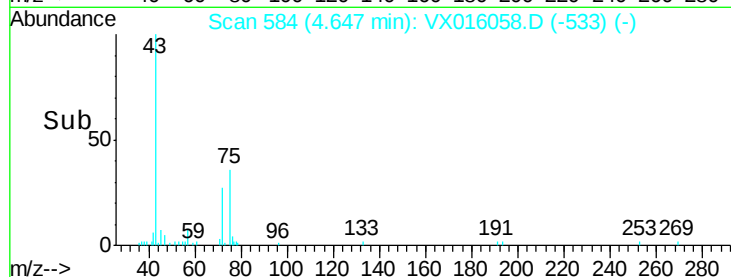
2000

1000

0

Time-->

4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 0.986 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX016058.D

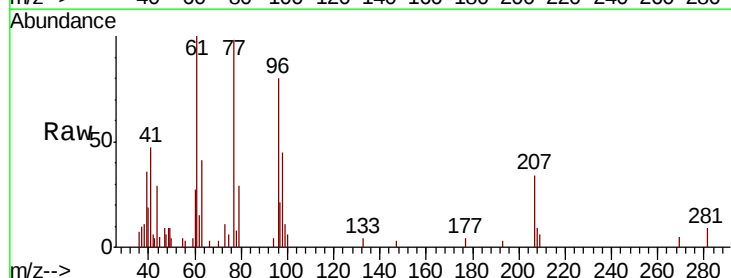
Acq: 05 May 2020 13:04

Tgt Ion: 77 Resp: 5432

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

2000

1500

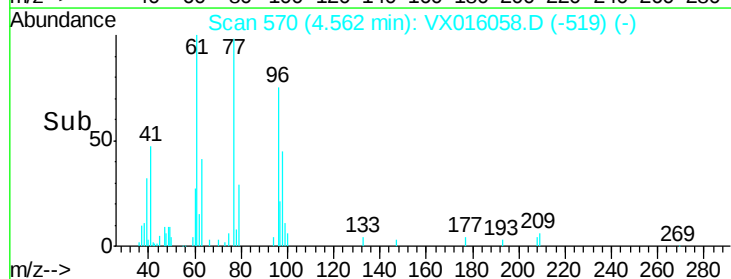
1000

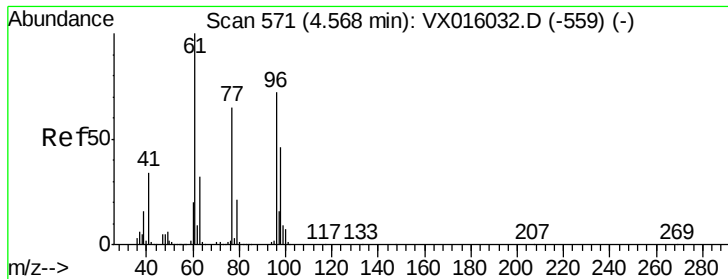
500

0

Time-->

4.45 4.50 4.55 4.60 4.65



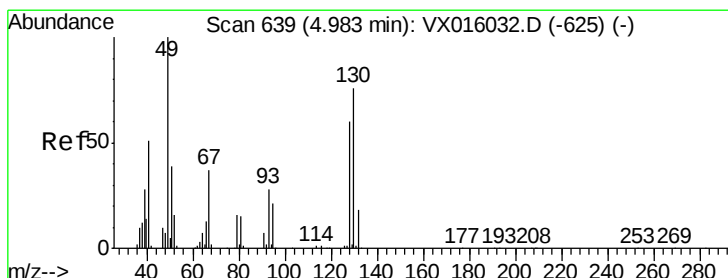
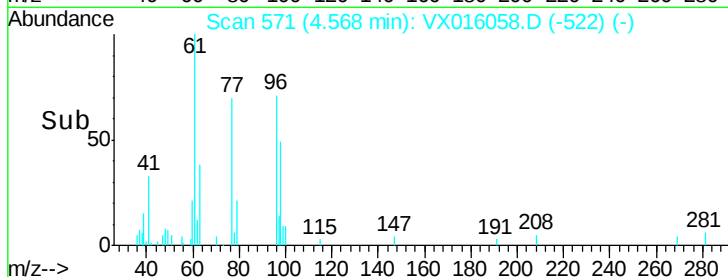
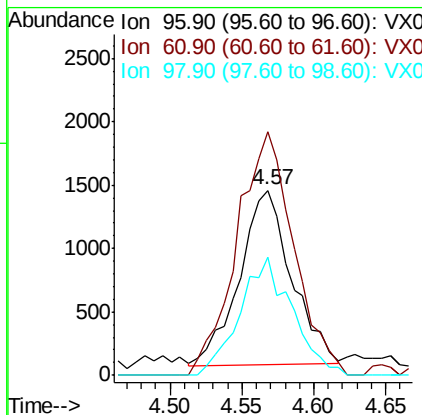
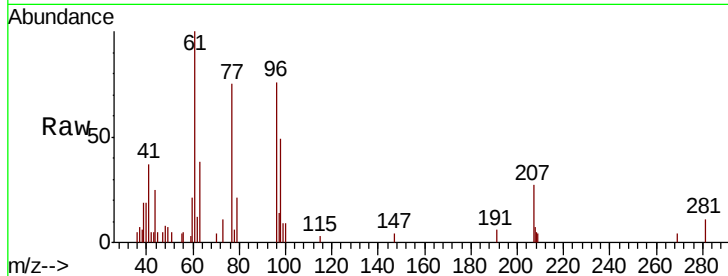


#27

cis-1,2-Dichloroethene
Concen: 0.906 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

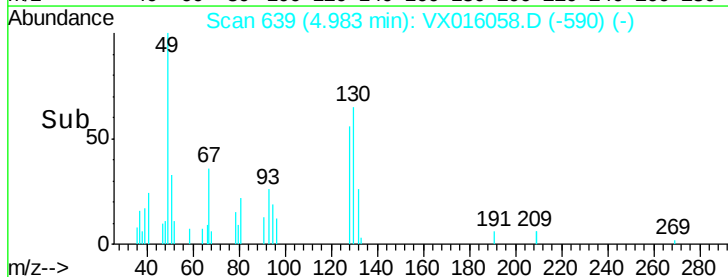
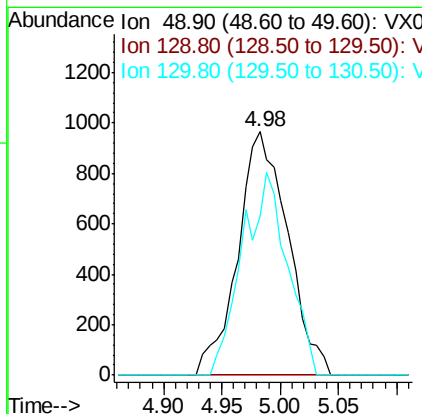
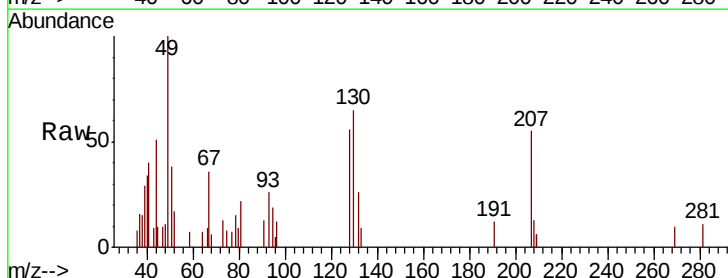
Tot Ion: 96 Resp: 3441
Ion Ratio Lower Upper
96 100
61 153.4 0.0 296.2
98 68.1 0.0 129.4

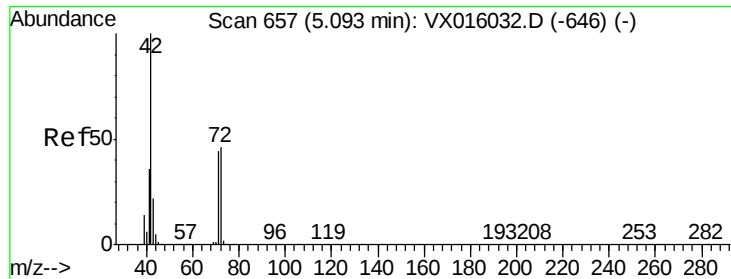


#28

Bromochloromethane
Concen: 1.044 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 49 Resp: 2873
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 75.1 62.4 93.6

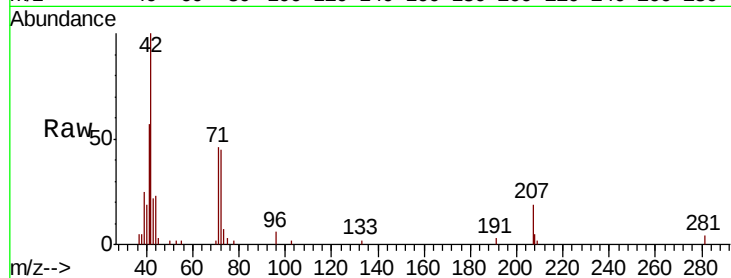




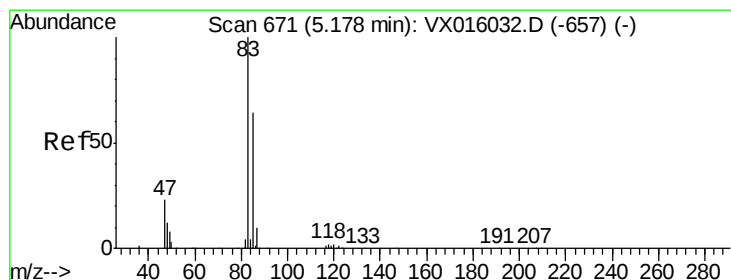
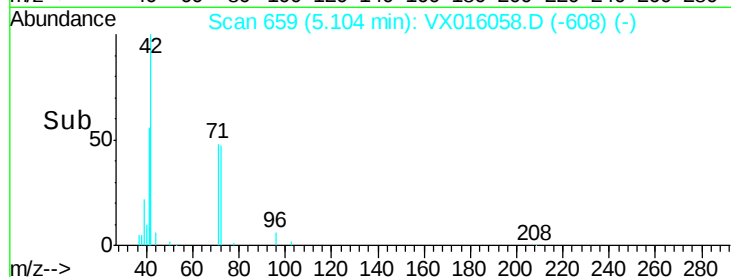
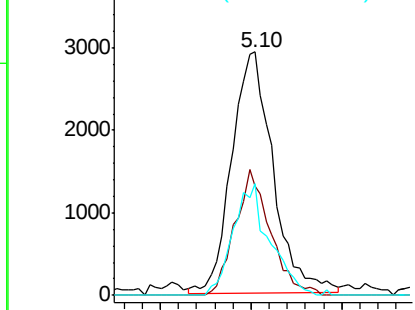
#29
Tetrahydrofuran
Concen: 4.948 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 42 Resp: 9304
Ion Ratio Lower Upper
42 100
72 44.3 37.1 55.7
71 40.8 34.5 51.7

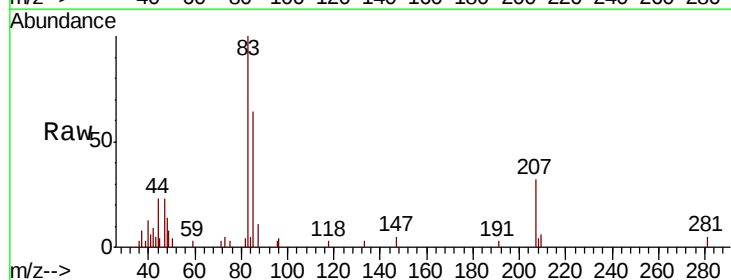


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

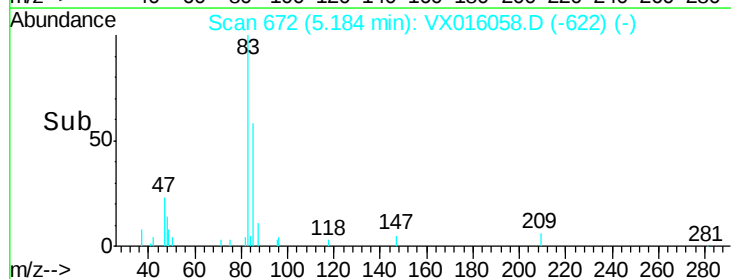
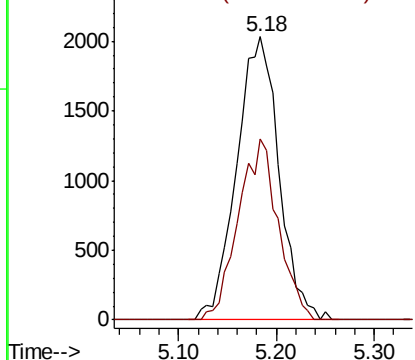


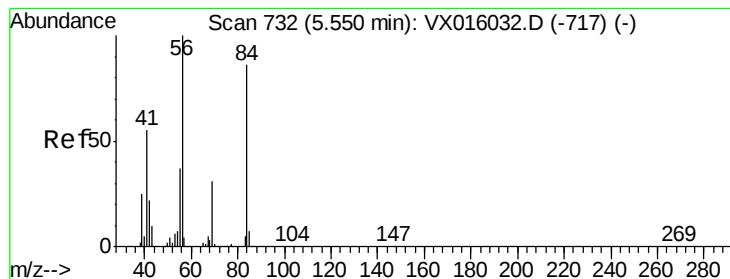
#30
Chloroform
Concen: 1.016 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 83 Resp: 6101
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4



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





#31

Cyclohexane

Concen: 0.989 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

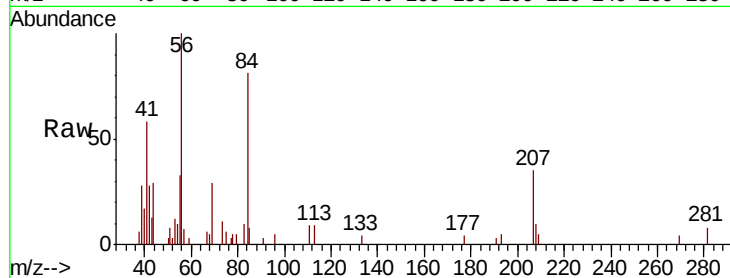
Tot Ion: 56 Resp: 5421

Ion Ratio Lower Upper

56 100

69 29.5 25.0 37.6

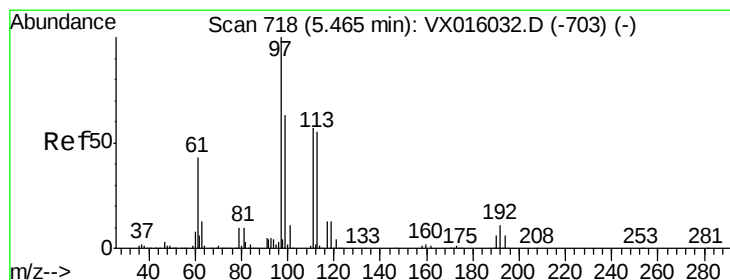
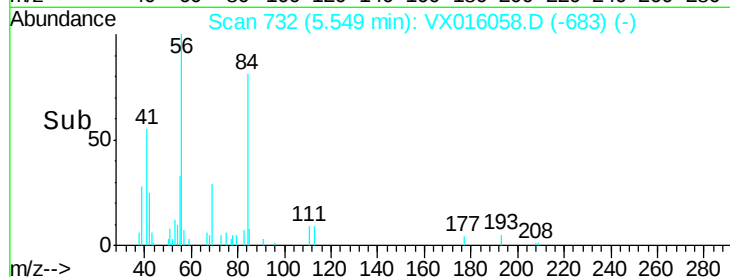
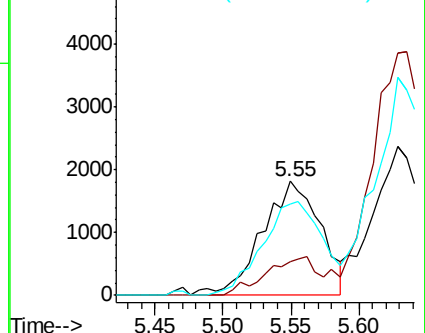
84 80.6 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.979 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

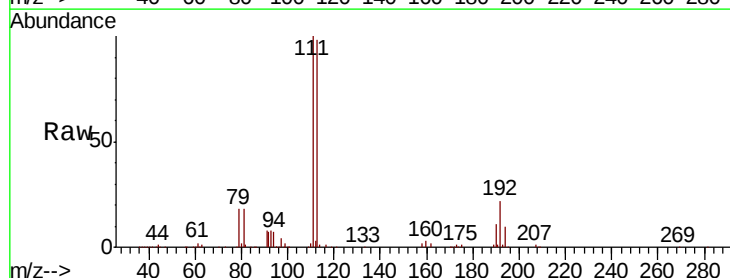
Tgt Ion: 97 Resp: 5345

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

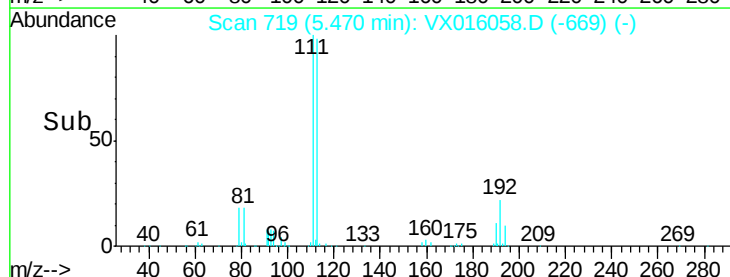
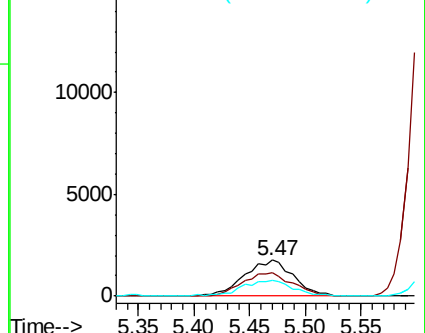
61 45.7 34.5 51.7



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: 48.141 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

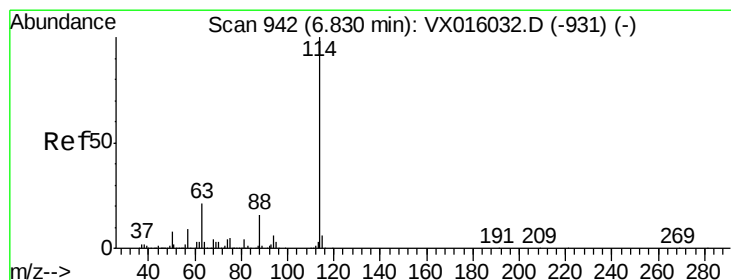
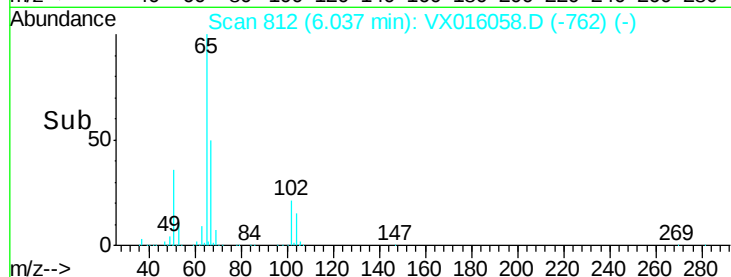
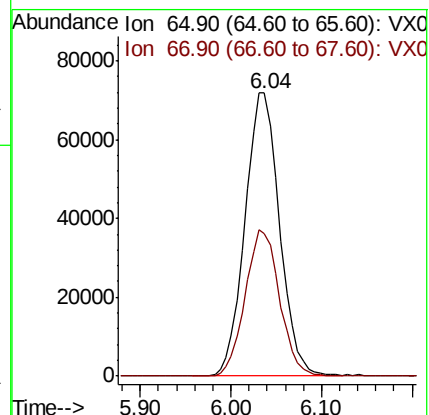
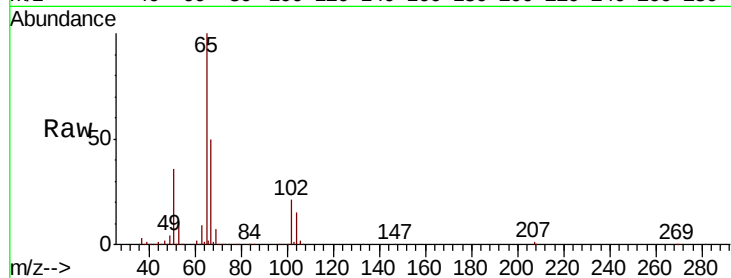
LOQ-WATER-02-QT2-2020

Tot Ion: 65 Resp: 189995

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

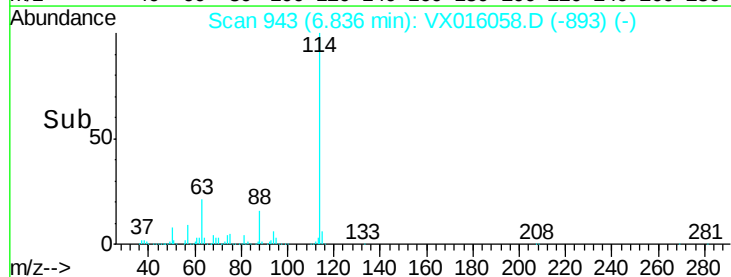
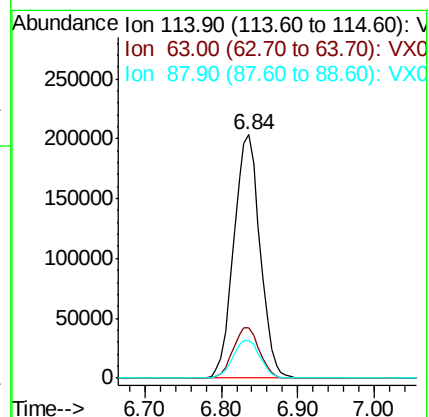
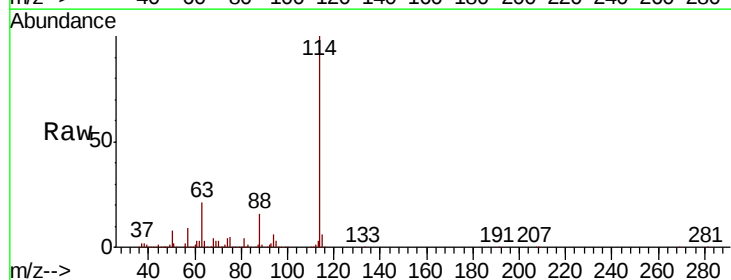
Tgt Ion: 114 Resp: 481665

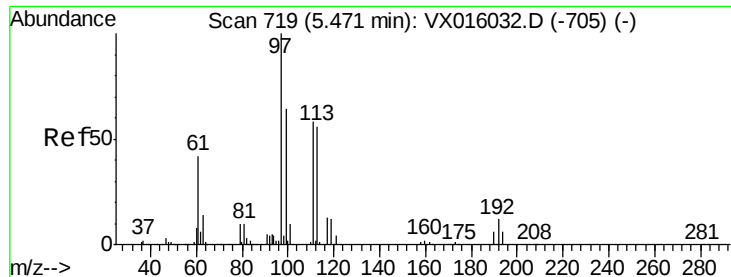
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.6 0.0 31.4

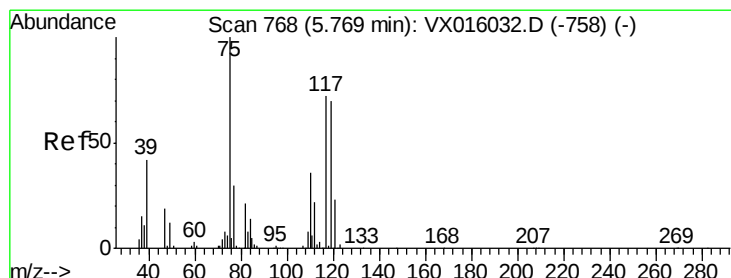
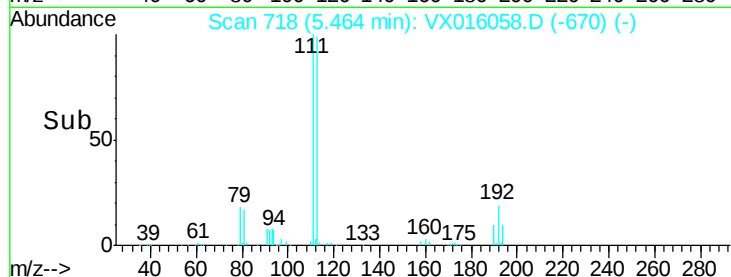
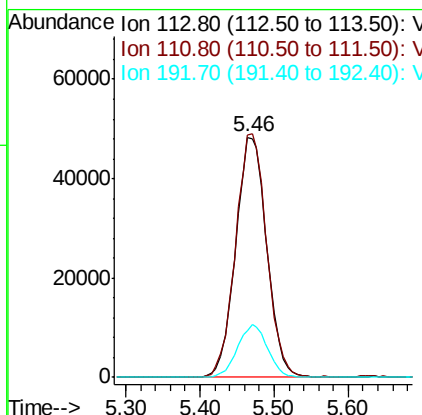
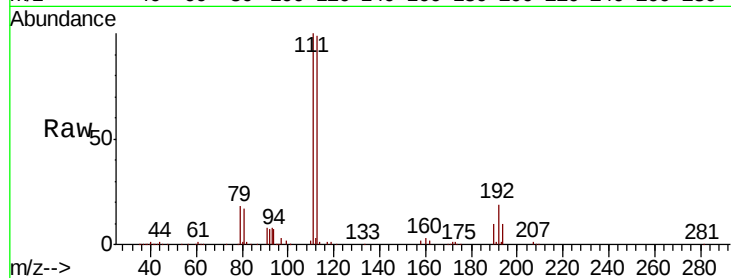




#35
 Dibromofluoromethane
 Concen: 46.339 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

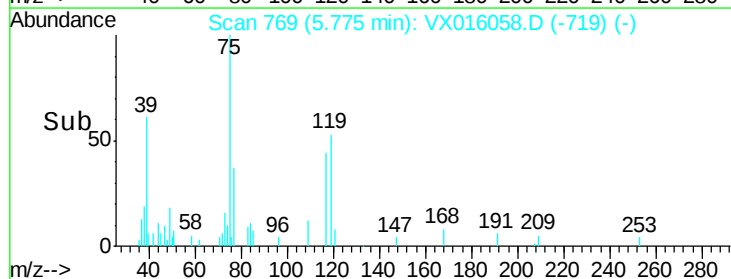
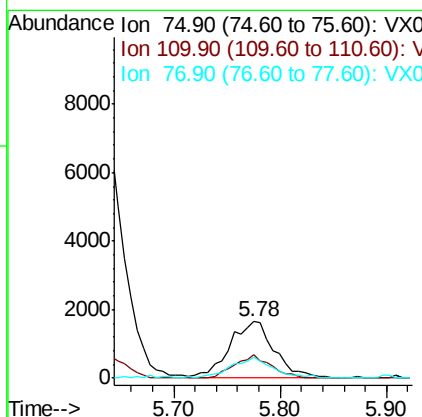
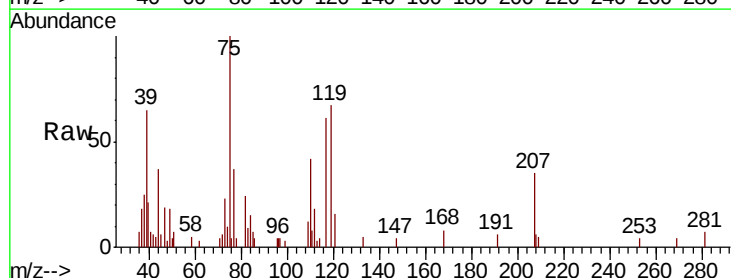
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

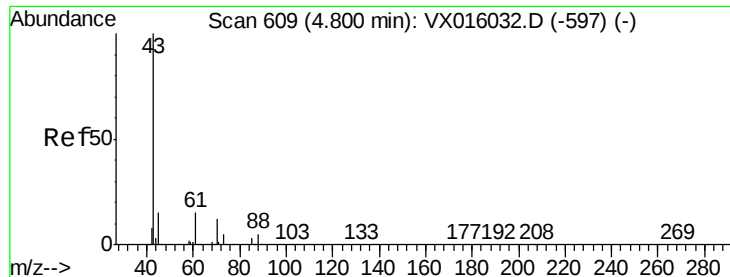
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	21.3	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 1.032 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	18.1	54.1
77	34.1	25.0	37.6

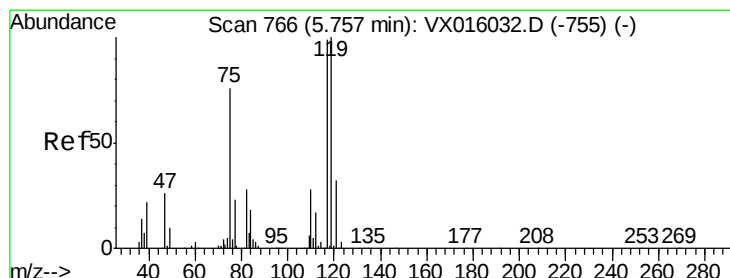
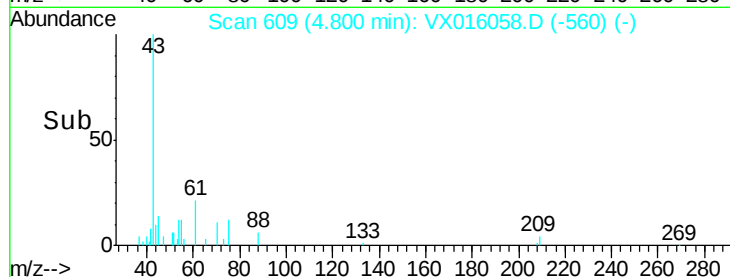
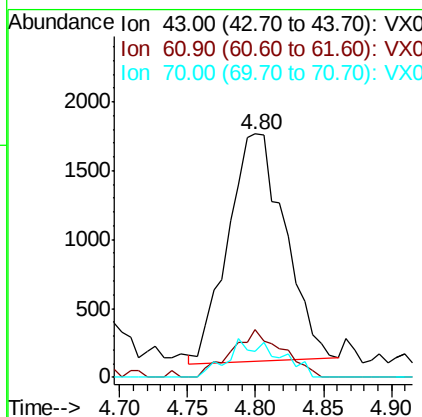
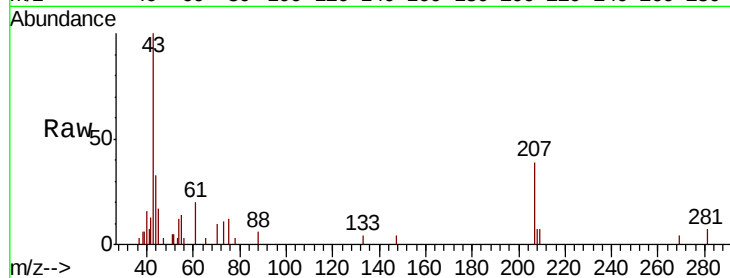




#37
Ethyl Acetate
Concen: 0.875 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

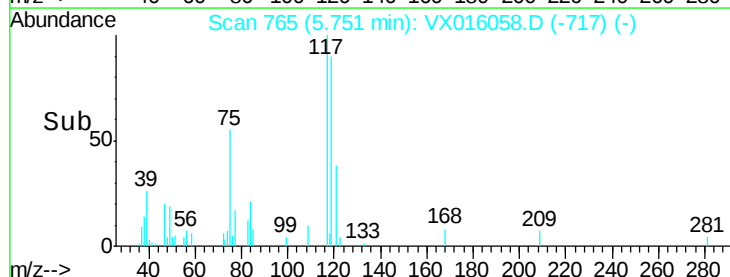
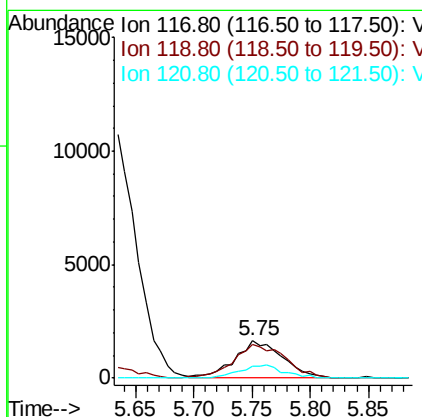
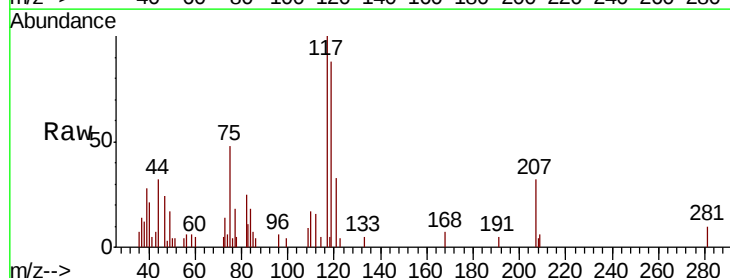
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

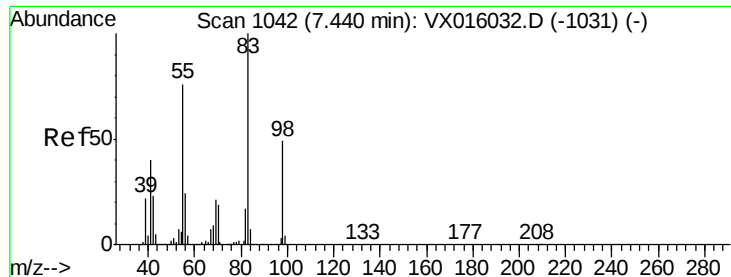
Tot Ion: 43 Resp: 4811
Ion Ratio Lower Upper
43 100
61 19.1 11.7 17.5#
70 7.9 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 0.969 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 117 Resp: 4672
Ion Ratio Lower Upper
117 100
119 88.2 80.3 120.5
121 32.8 25.7 38.5

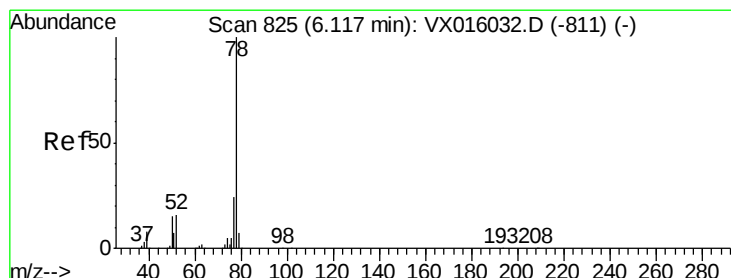
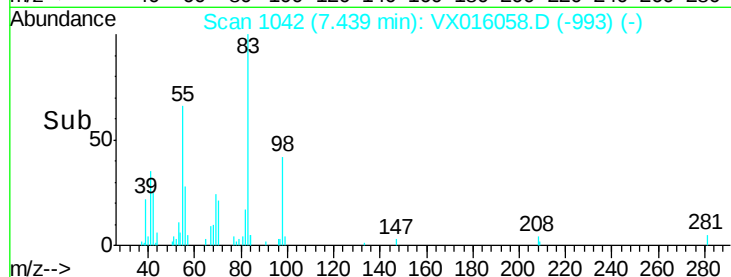
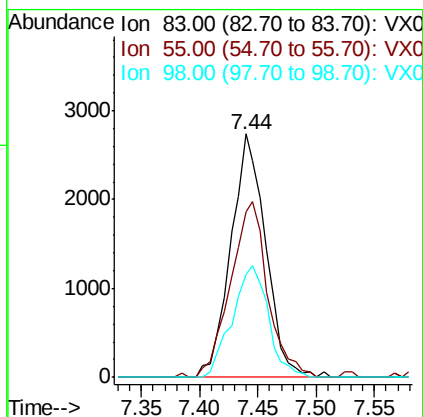
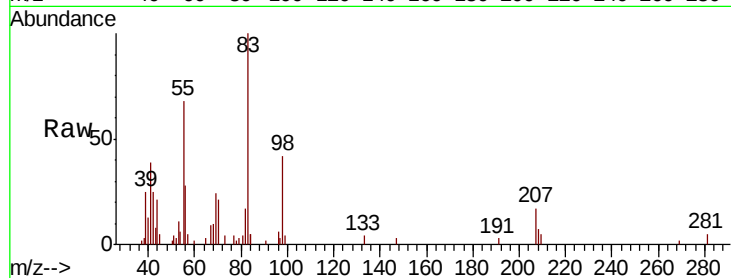




#39
Methvlcvclohexane
Concen: 1.000 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

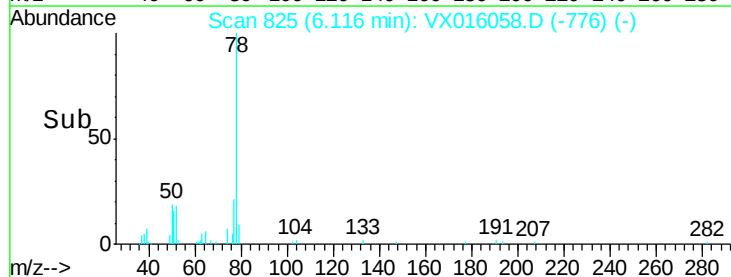
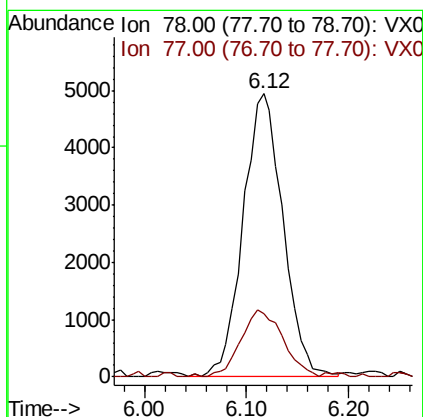
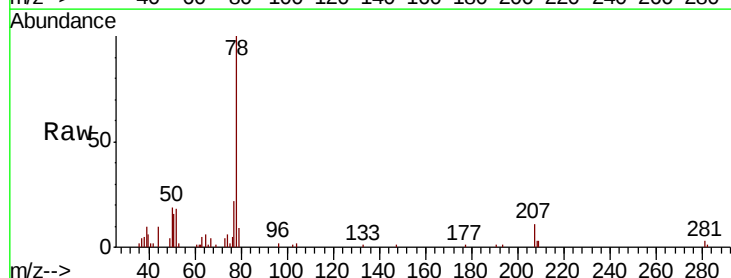
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

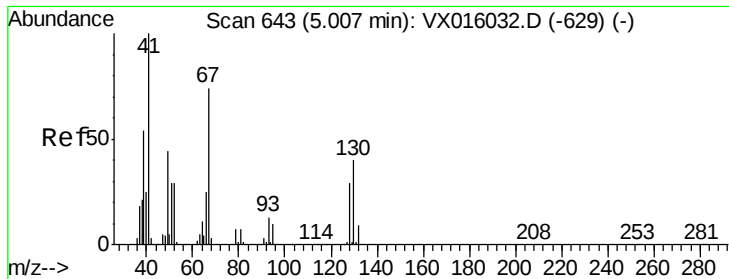
Tot Ion: 83 Resp: 5711
Ion Ratio Lower Upper
83 100
55 67.8 61.1 91.7
98 42.2 39.0 58.4



#40
Benzene
Concen: 0.971 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 78 Resp: 13475
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4

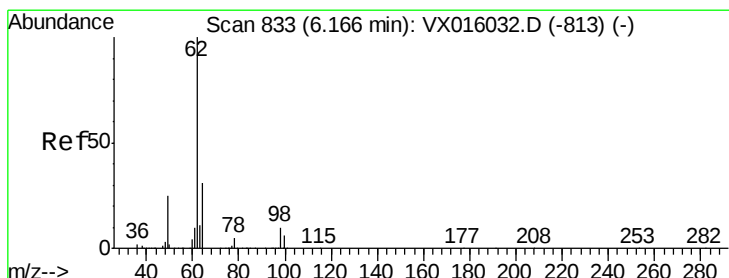
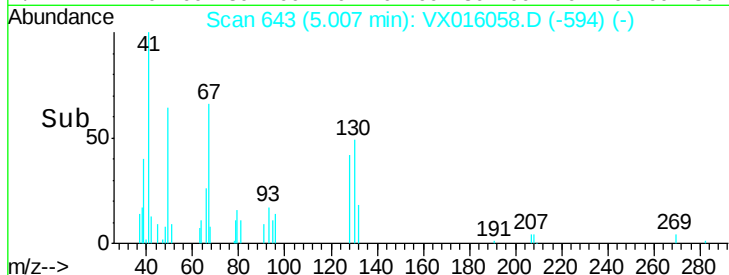
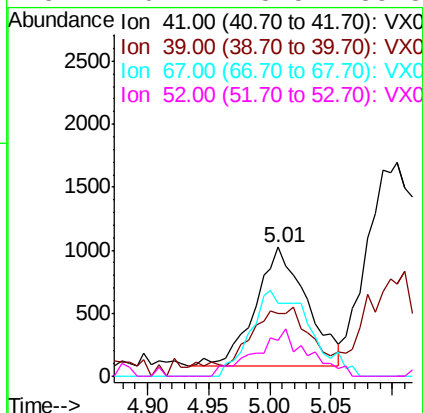
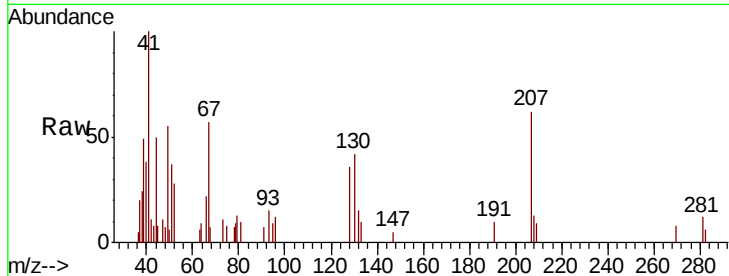




#41
Methacrylonitrile
Concen: 0.931 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

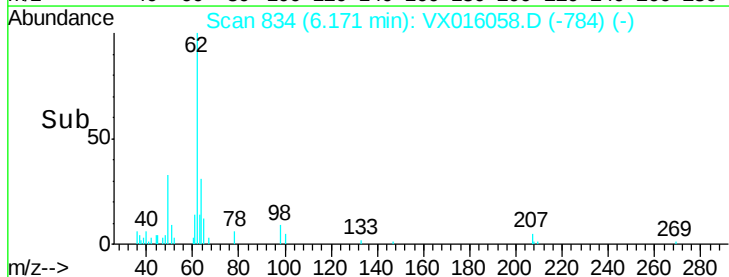
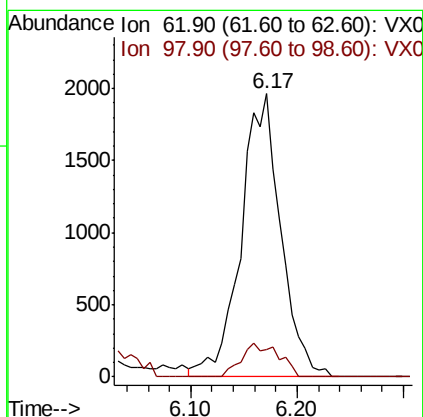
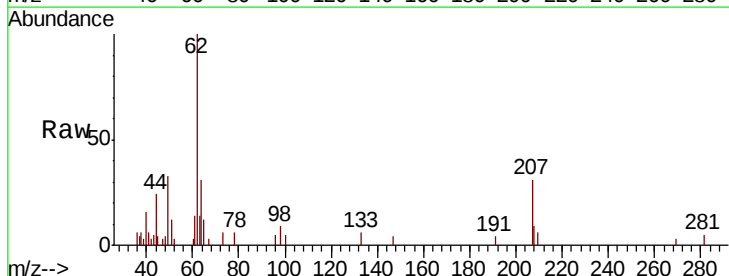
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	41	Resp:	2763
Ion	Ratio	Lower	Upper
41	100		
39	58.2	43.2	64.8
67	82.2	59.3	88.9
52	40.2	23.5	35.3#



#42
1,2-Dichloroethane
Concen: 1.030 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion:	62	Resp:	5145
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 0.963 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

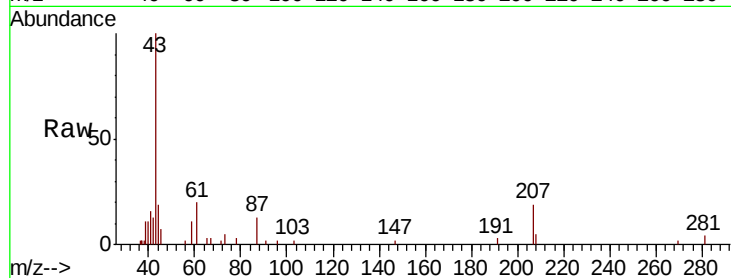
Tot Ion: 43 Resp: 8442

Ion Ratio Lower Upper

43 100

61 22.2 17.0 25.4

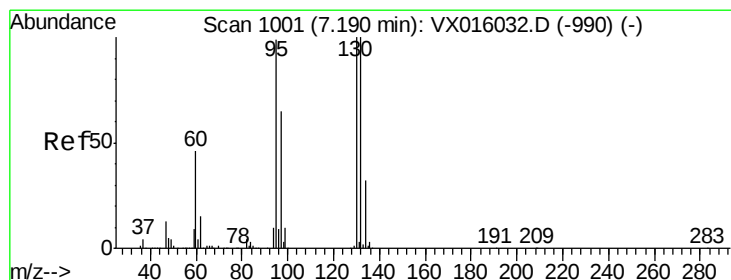
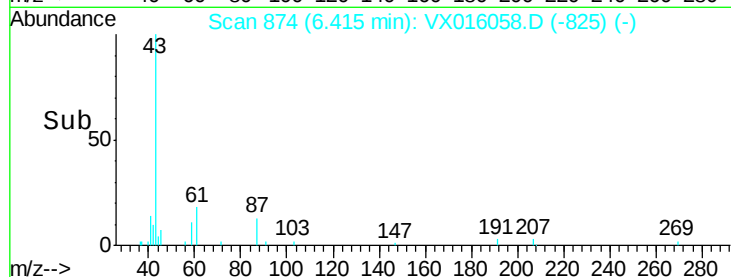
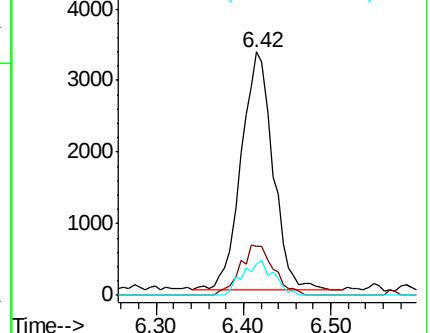
87 14.1 11.0 16.6



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: 0.998 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016058.D

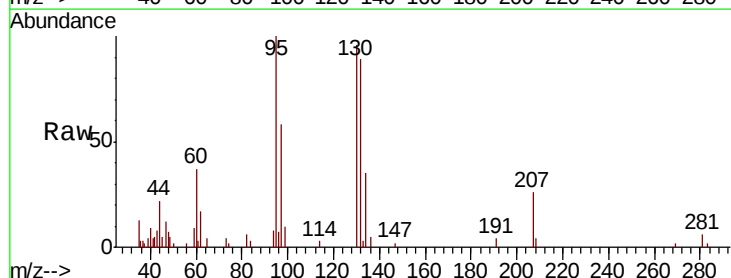
Acq: 05 May 2020 13:04

Tgt Ion: 130 Resp: 4919

Ion Ratio Lower Upper

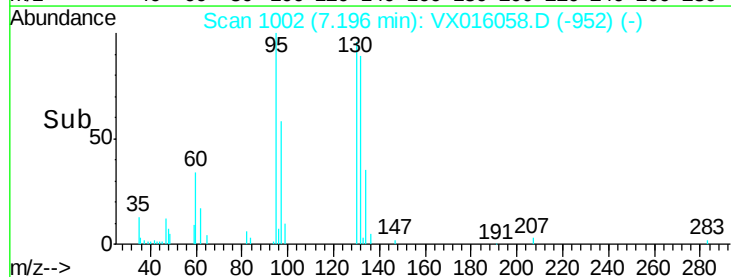
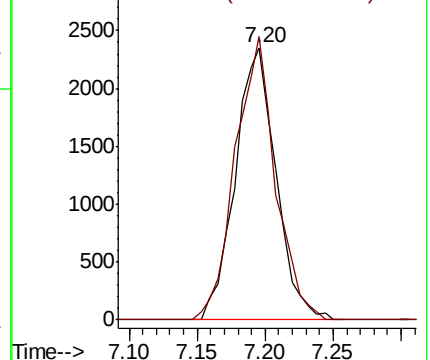
130 100

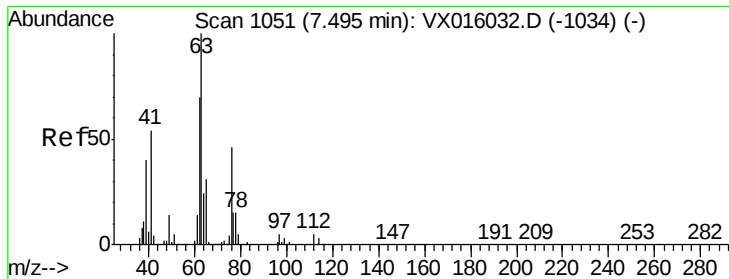
95 104.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.978 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

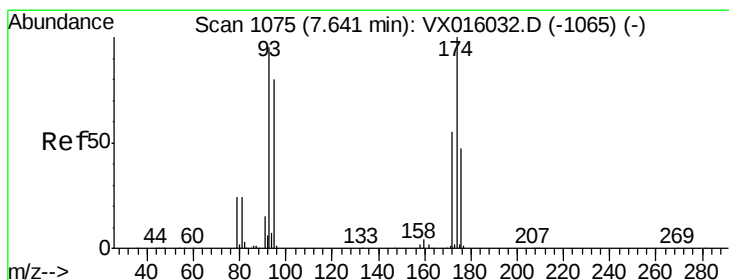
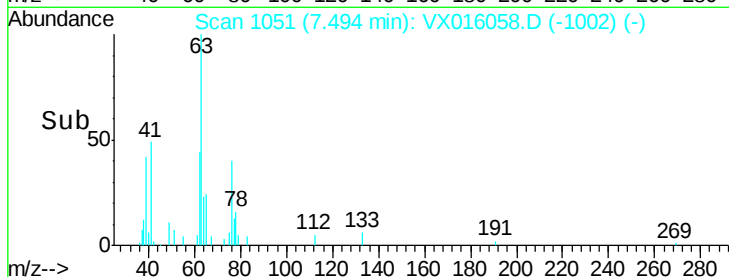
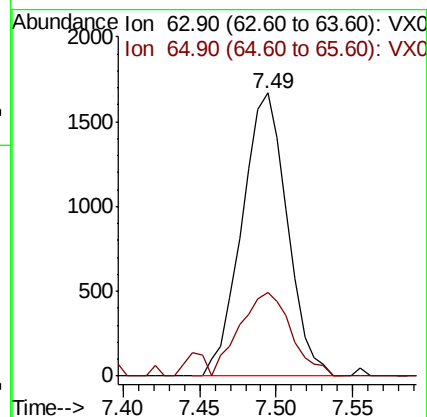
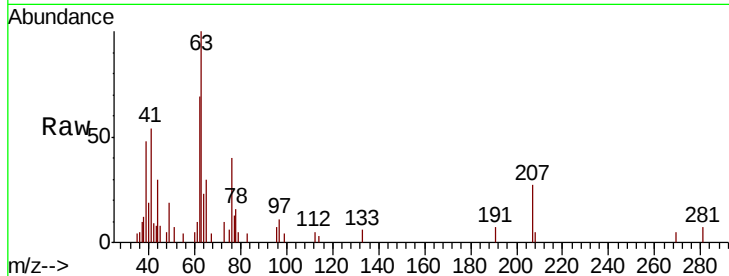
LOQ-WATER-02-QT2-2020

Tot Ion: 63 Resp: 3433

Ion Ratio Lower Upper

63 100

65 29.6 24.4 36.6



#46

Dibromomethane

Concen: 0.898 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

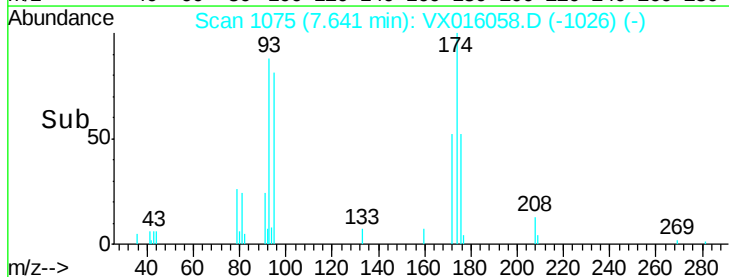
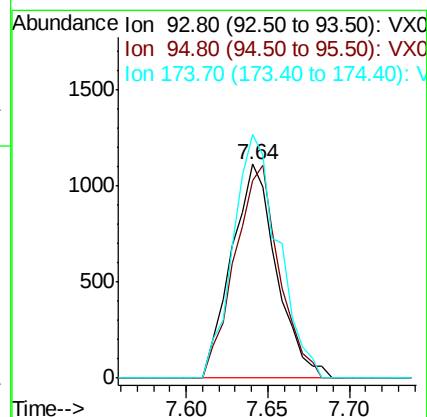
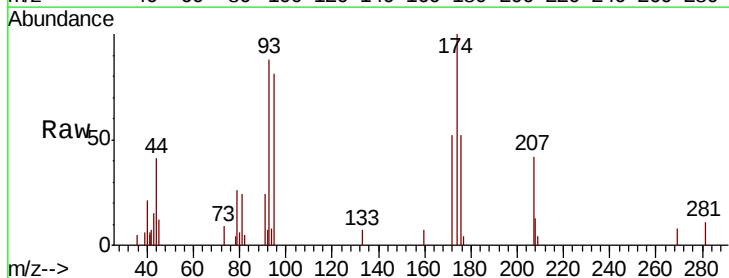
Tgt Ion: 93 Resp: 2142

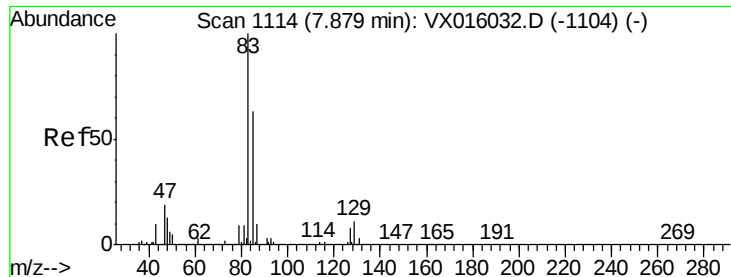
Ion Ratio Lower Upper

93 100

95 97.7 66.6 100.0

174 114.0 84.2 126.4





#47

Bromodichloromethane

Concen: 0.925 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

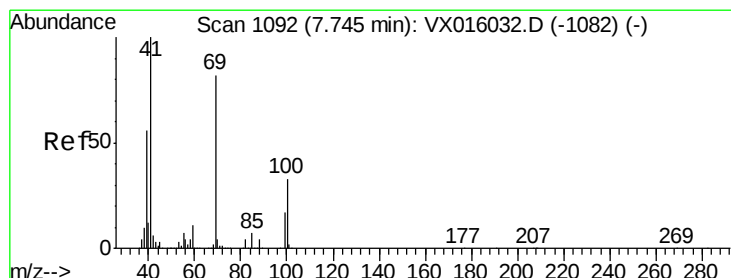
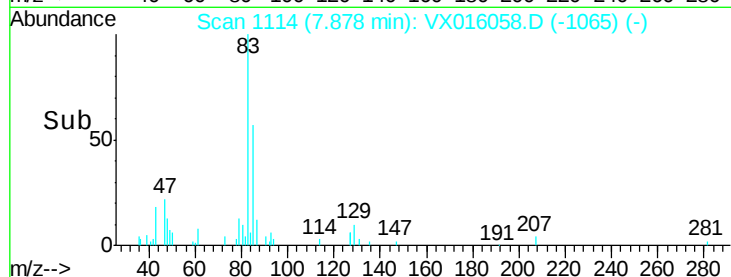
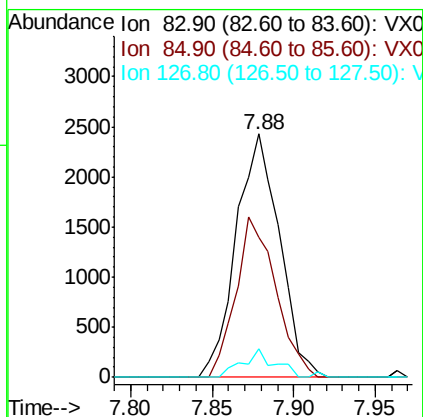
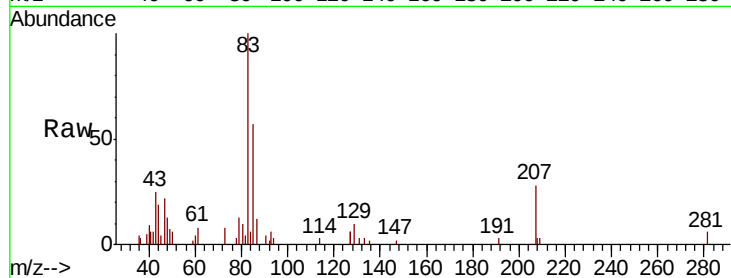
Tot Ion: 83 Resp: 4492

Ion Ratio Lower Upper

83 100

85 57.4 50.5 75.7

127 12.0 6.7 10.1#



#48

Methyl methacrylate

Concen: 0.832 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

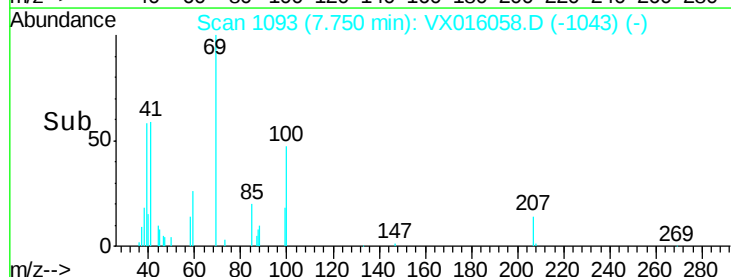
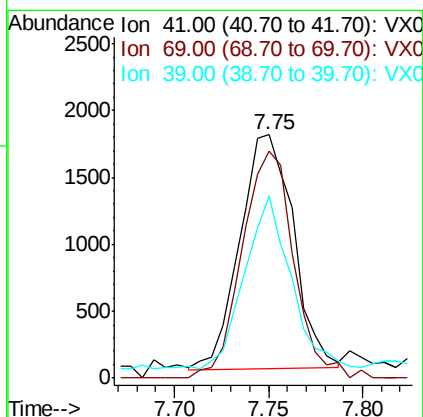
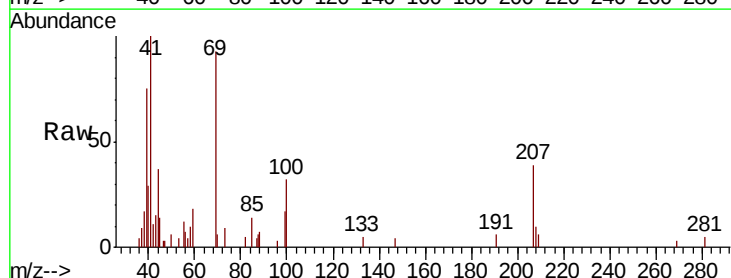
Tgt Ion: 41 Resp: 3457

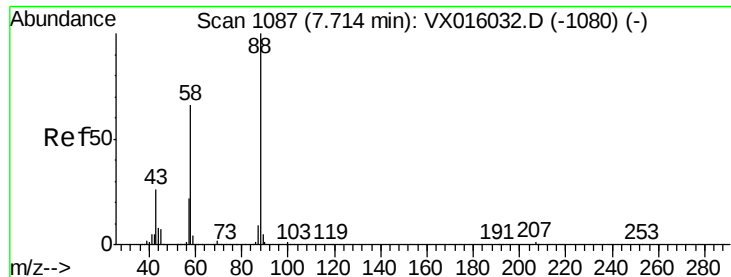
Ion Ratio Lower Upper

41 100

69 93.8 67.8 101.6

39 64.1 44.6 67.0





#49

1,4-Dioxane

Concen: 19.309 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

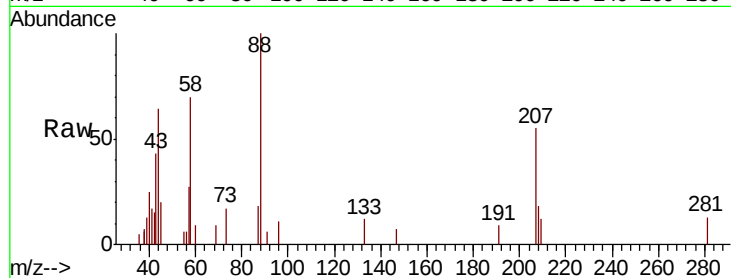
MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 88 Resp: 1924

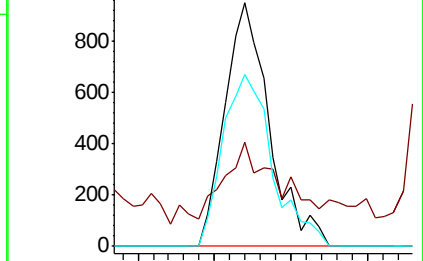
Ion	Ratio	Lower	Upper
88	100		
43	43.6	25.3	37.9#
58	78.2	55.9	83.9



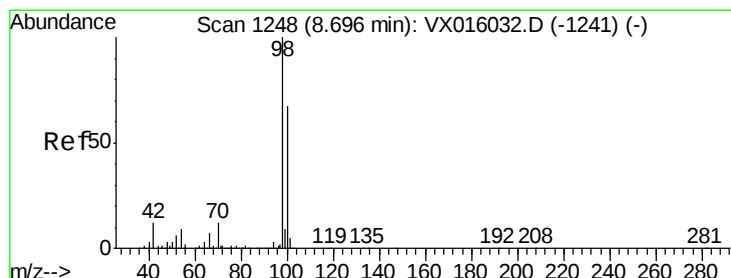
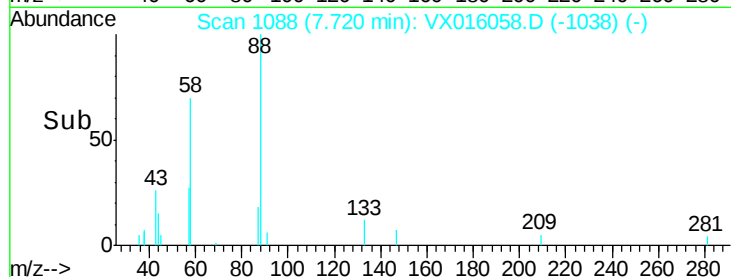
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 47.216 ug/l

RT: 8.70 min Scan# 1248

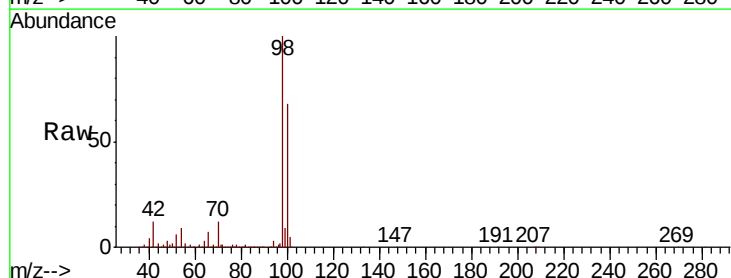
Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

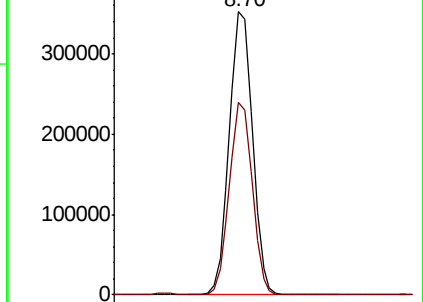
Tgt Ion: 98 Resp: 555157

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5

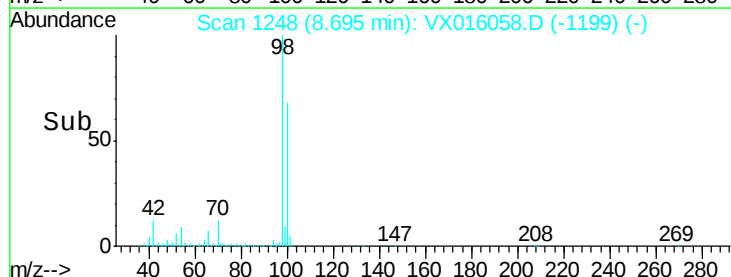


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 4.355 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

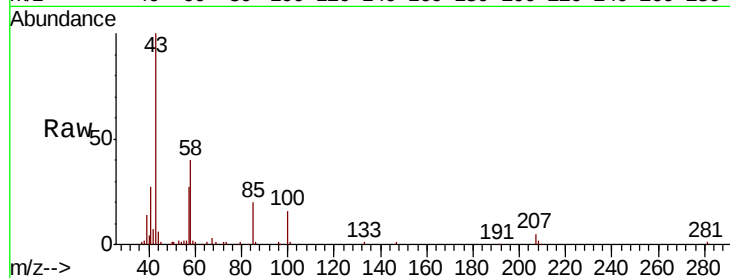
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 23369

Ion Ratio Lower Upper

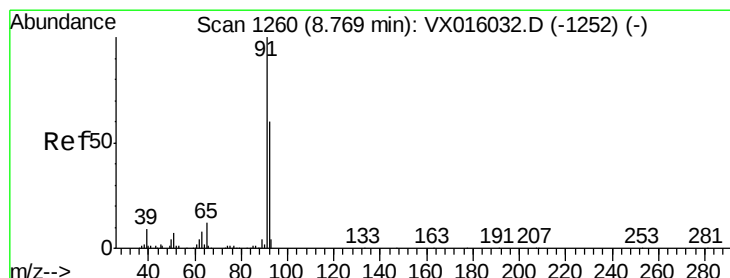
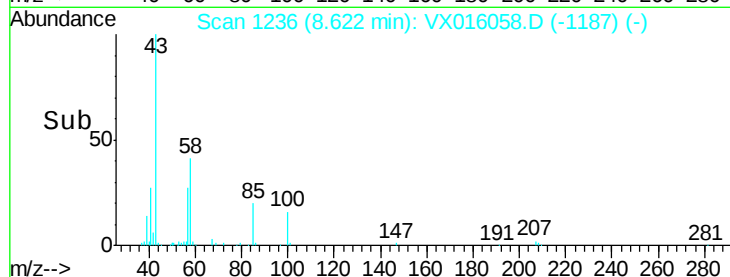
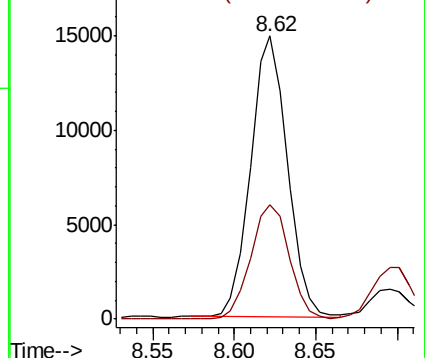
43 100

58 42.5 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.951 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016058.D

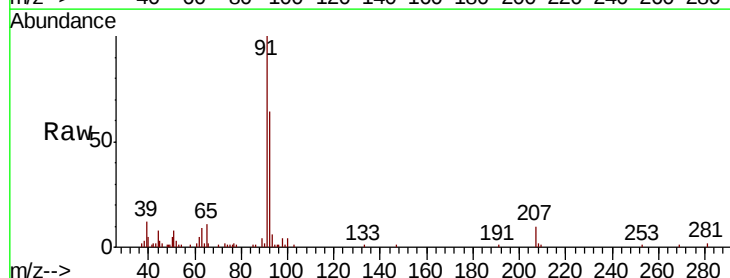
Acq: 05 May 2020 13:04

Tgt Ion: 92 Resp: 8224

Ion Ratio Lower Upper

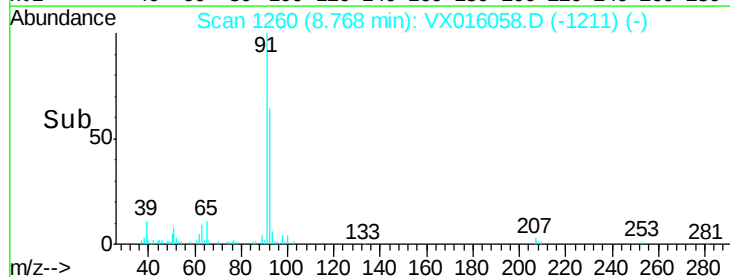
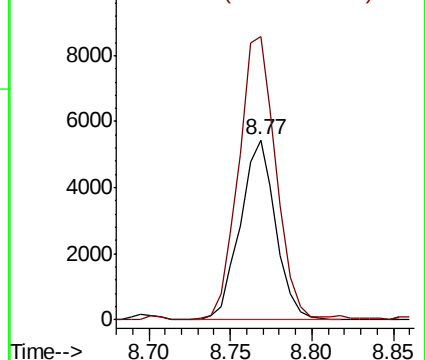
92 100

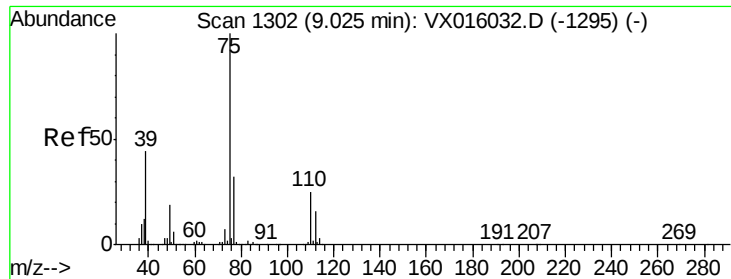
91 165.9 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

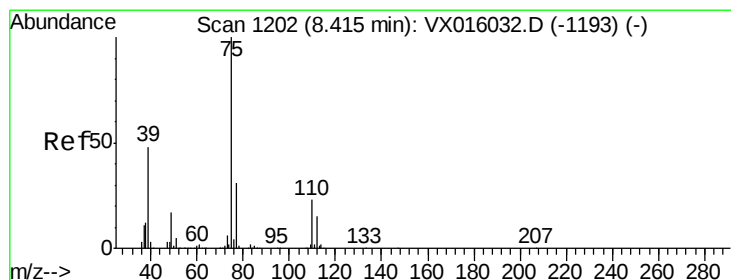
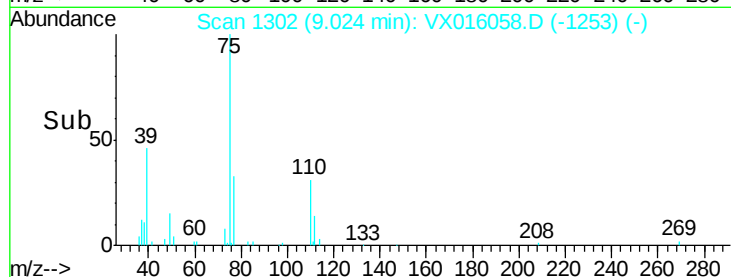
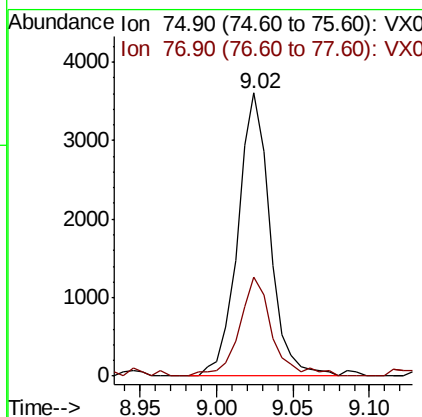
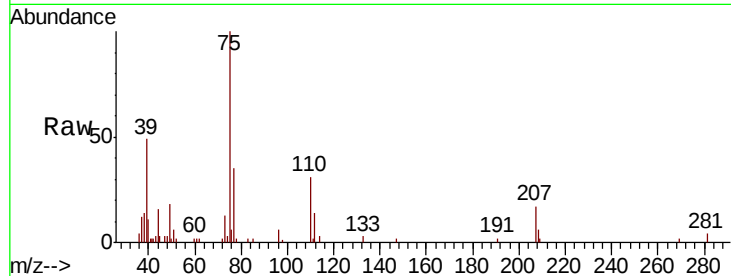




#53
 t-1,3-Dichloropropene
 Concen: 0.909 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

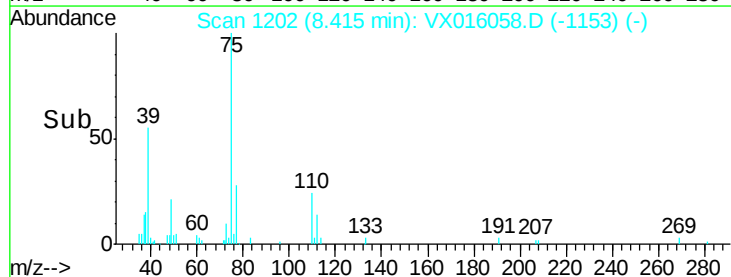
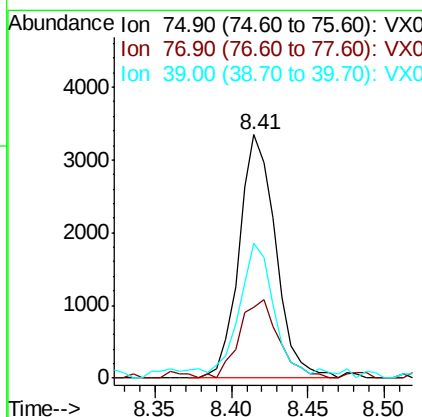
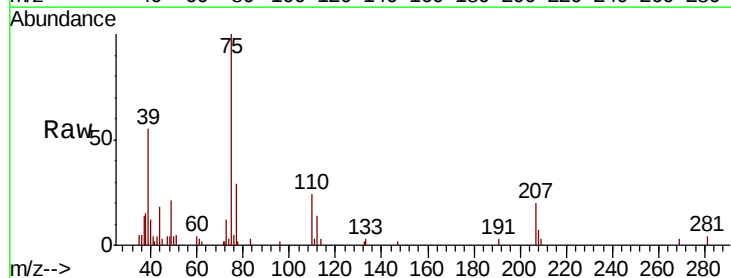
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

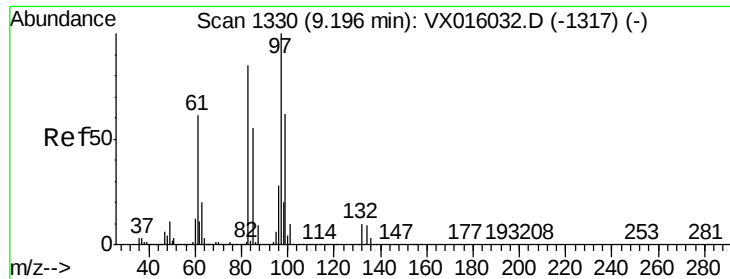
Tot Ion: 75 Resp: 5263
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.918 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion: 75 Resp: 5555
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.7 37.1
 39 53.8 38.7 58.1

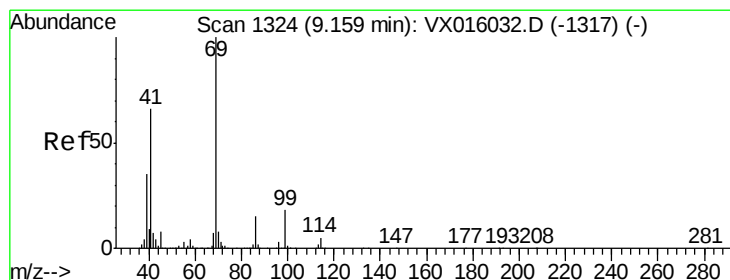
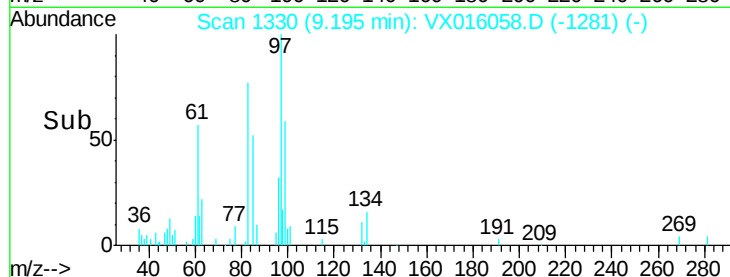
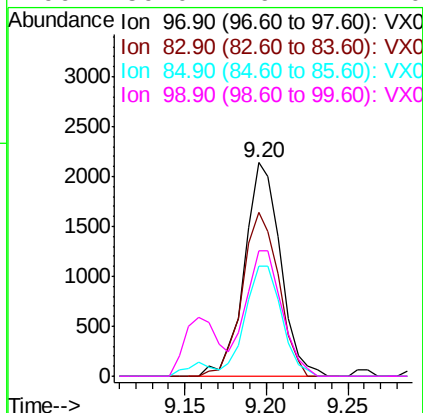
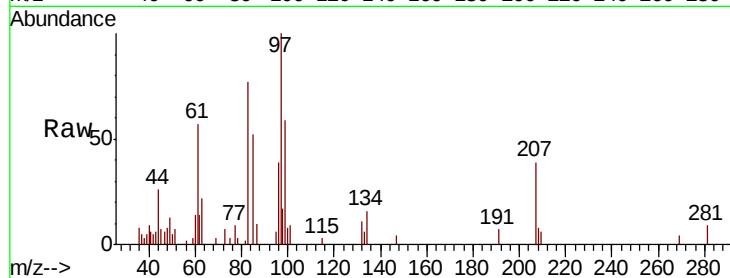




#55
 1,1,2-Trichloroethane
 Concen: 0.969 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

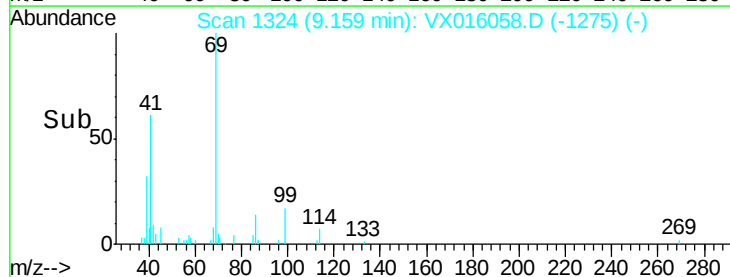
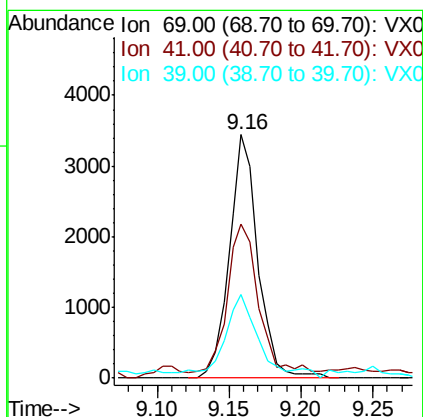
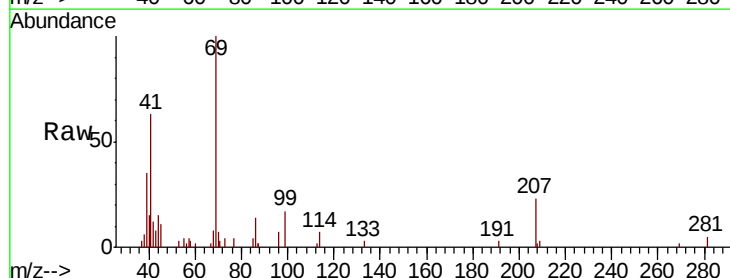
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

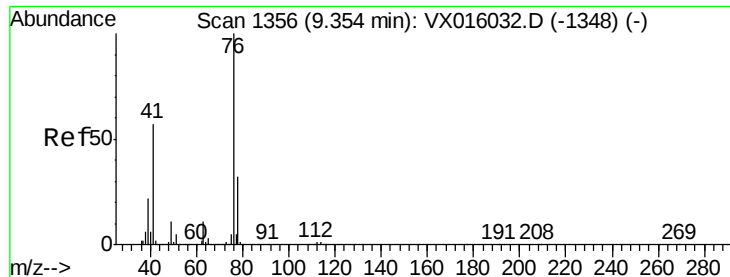
Tot Ion:	97	Resp:	3296
Ion	Ratio	Lower	Upper
97	100		
83	76.5	67.8	101.8
85	51.5	43.8	65.8
99	59.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 0.861 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion:	69	Resp:	4782
Ion	Ratio	Lower	Upper
69	100		
41	68.0	52.2	78.4
39	42.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 0.938 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

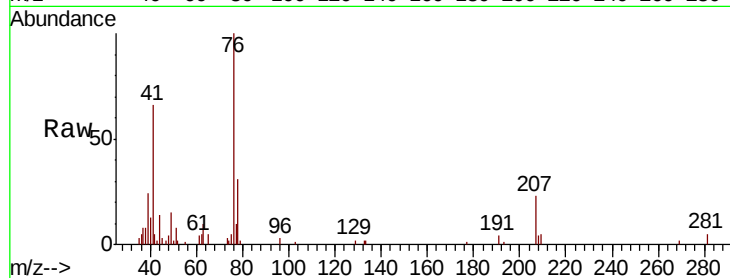
LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 5570

Ion Ratio Lower Upper

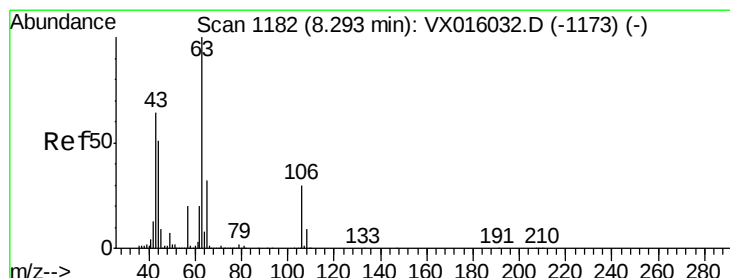
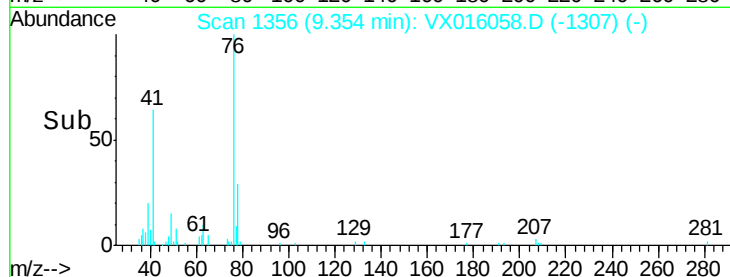
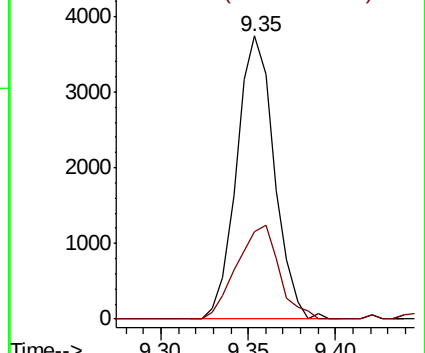
76 100

78 37.2 25.9 38.9



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: 3.612 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016058.D

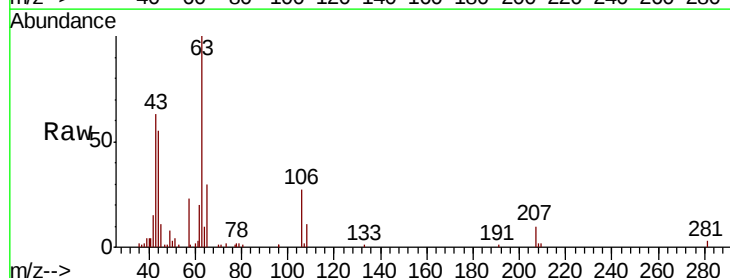
Acq: 05 May 2020 13:04

Tgt Ion: 63 Resp: 10679

Ion Ratio Lower Upper

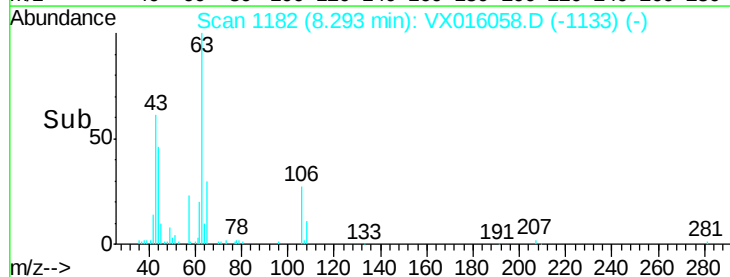
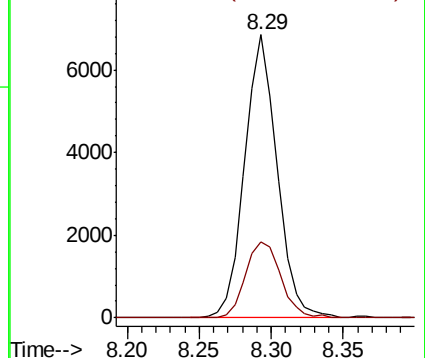
63 100

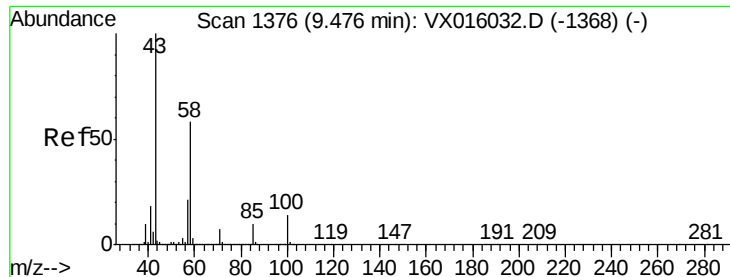
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

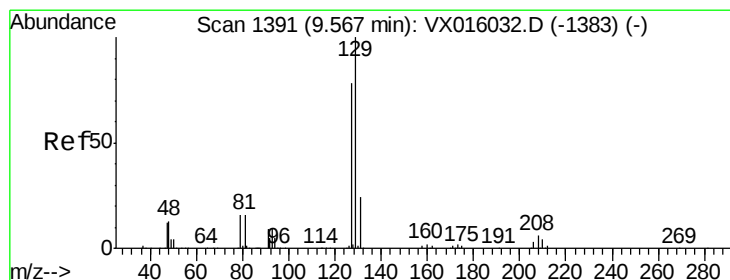
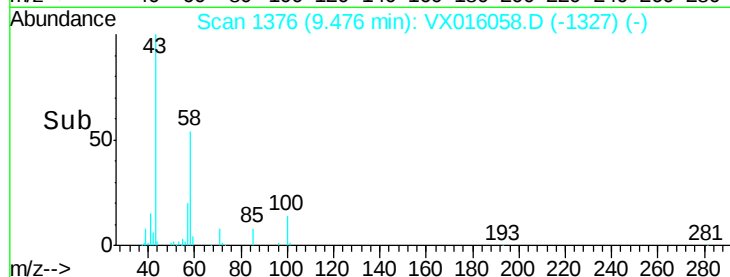
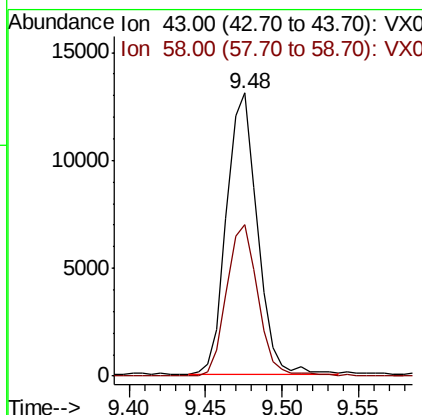
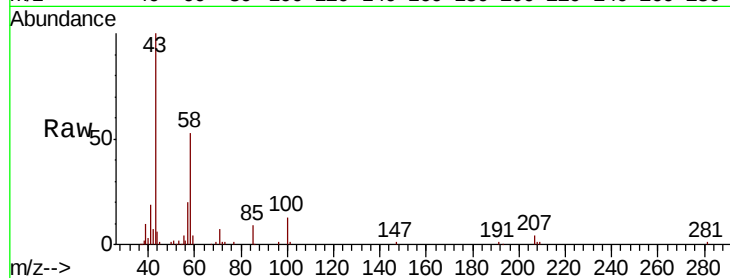




#59
2-Hexanone
Concen: 4.321 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

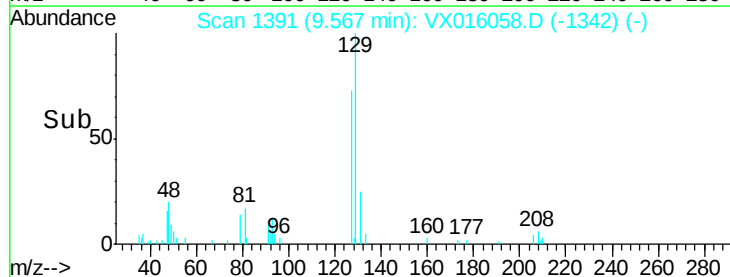
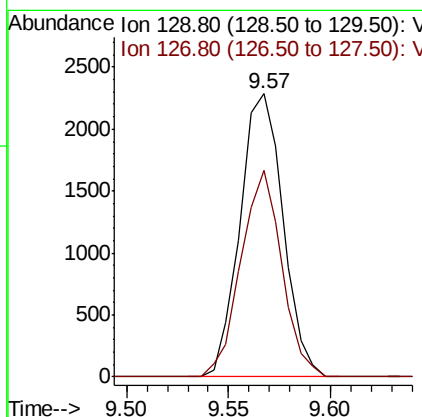
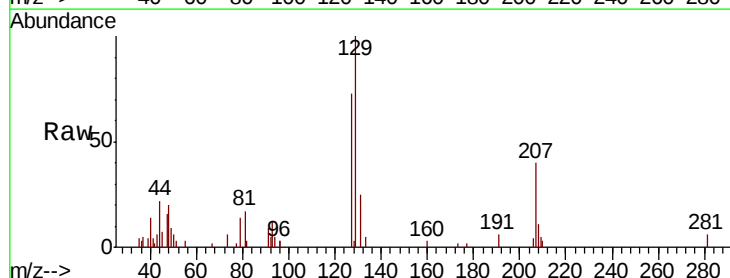
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

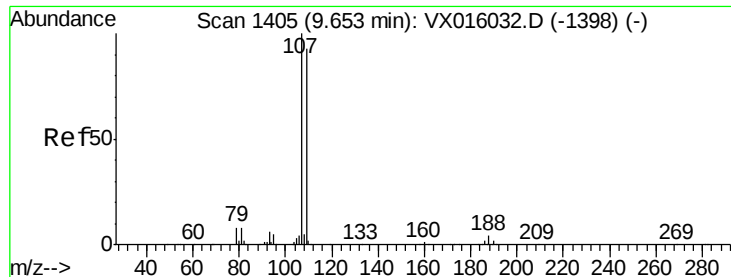
Tot Ion: 43 Resp: 18207
Ion Ratio Lower Upper
43 100
58 55.0 28.6 85.9



#60
Dibromochloromethane
Concen: 0.893 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 129 Resp: 3345
Ion Ratio Lower Upper
129 100
127 69.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.886 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

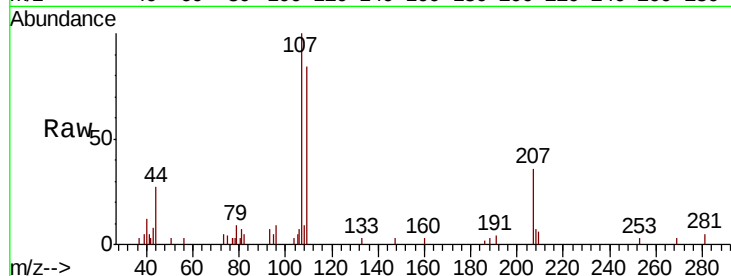
LOQ-WATER-02-QT2-2020

Tot Ion: 107 Resp: 3265

Ion Ratio Lower Upper

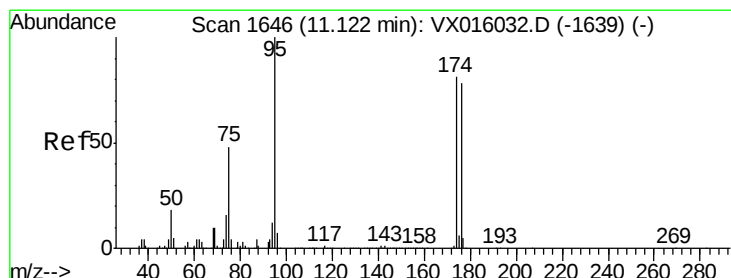
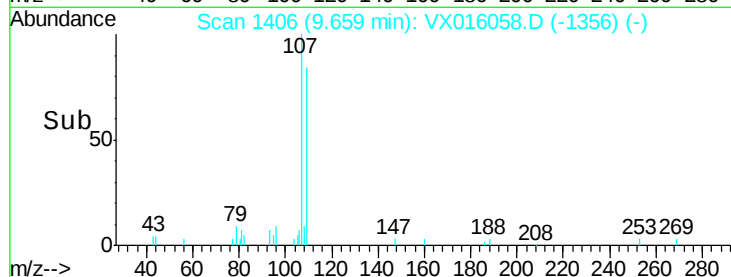
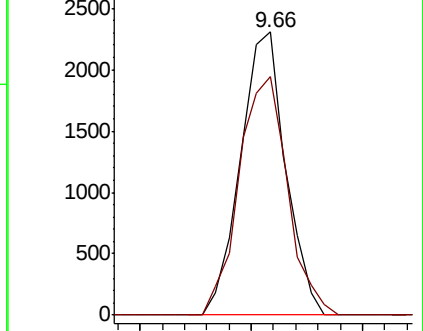
107 100

109 90.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.889 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

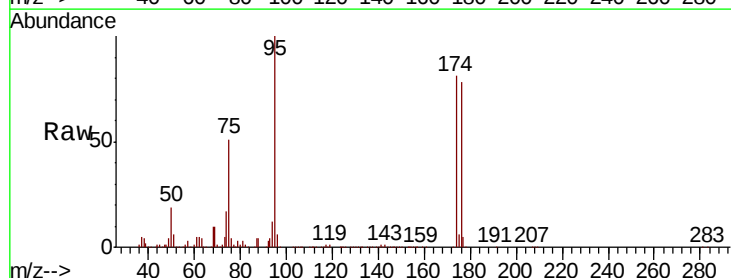
Tgt Ion: 95 Resp: 200749

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

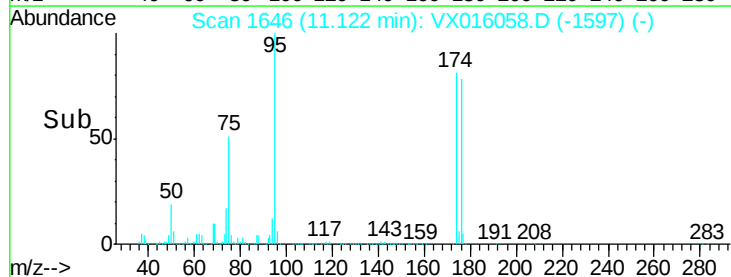
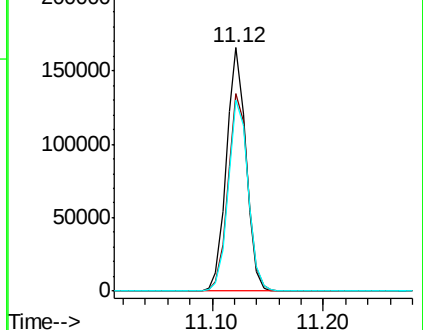
176 79.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

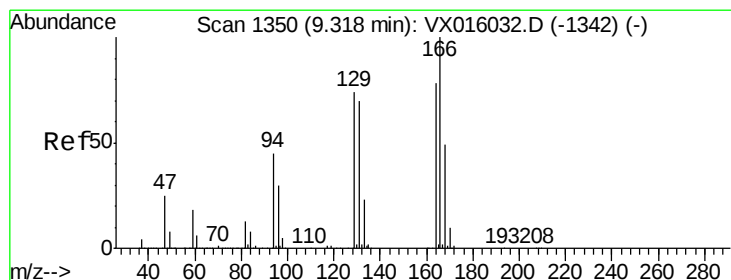
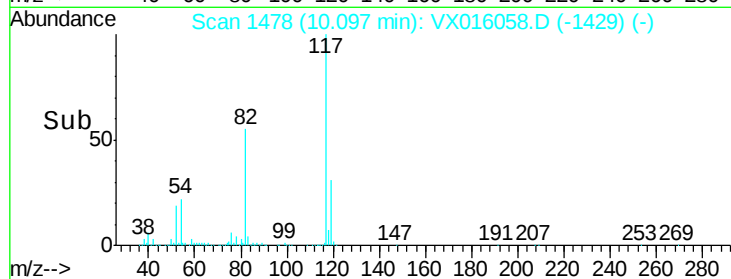
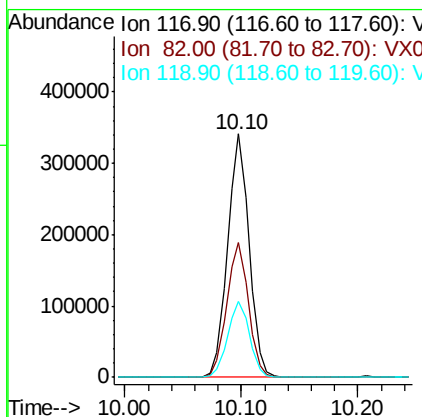
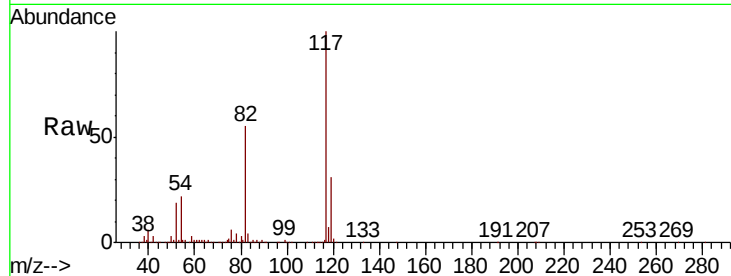




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

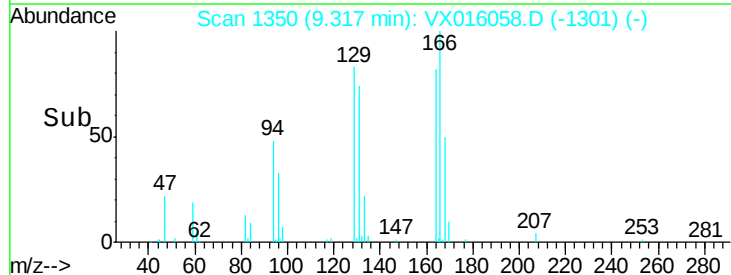
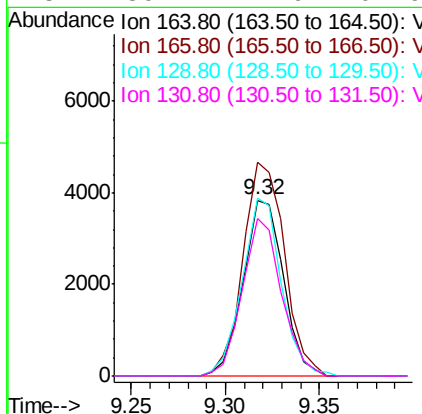
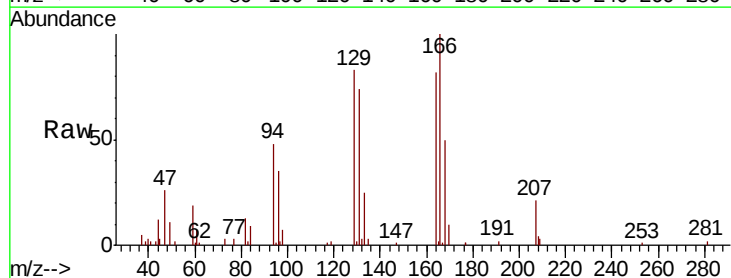
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

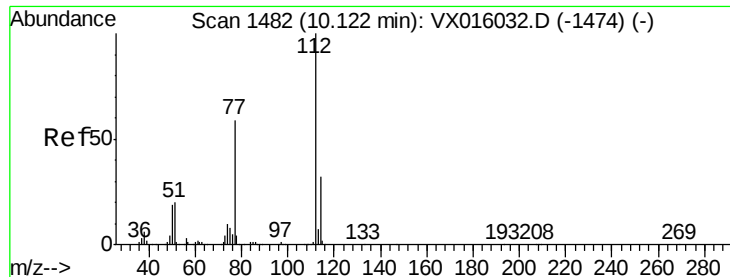
Tot Ion:117 Resp: 437113
Ion Ratio Lower Upper
117 100
82 55.3 44.4 66.6
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.058 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion:164 Resp: 5678
Ion Ratio Lower Upper
164 100
166 121.6 102.9 154.3
129 101.0 76.1 114.1
131 89.7 71.9 107.9





#65

Chlorobenzene

Concen: 0.944 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

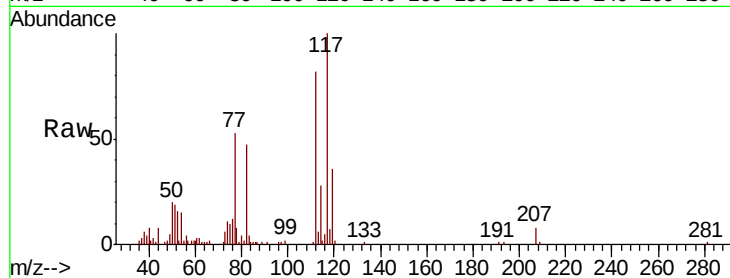
LOQ-WATER-02-QT2-2020

Tot Ion:112 Resp: 8644

Ion Ratio Lower Upper

112 100

114 34.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

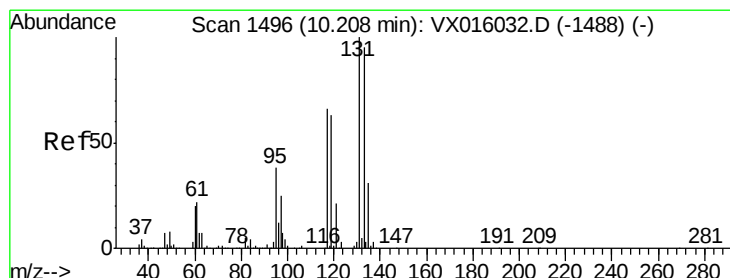
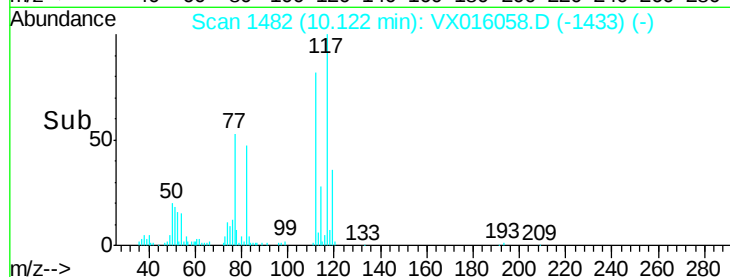
6000

4000

2000

0

Time--> 10.05 10.10 10.15



#66

1,1,1,2-Tetrachloroethane

Concen: 0.922 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

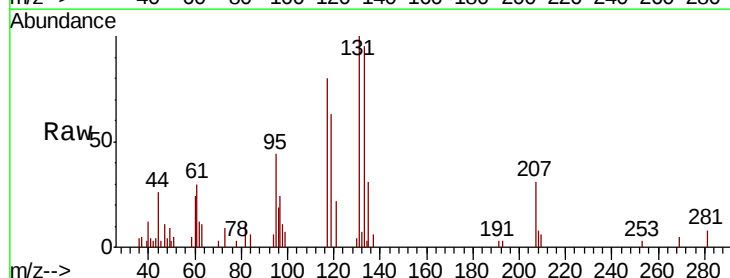
Tgt Ion:131 Resp: 3120

Ion Ratio Lower Upper

131 100

133 107.7 48.3 144.8

119 0.0 32.3 96.9#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

2500

2000

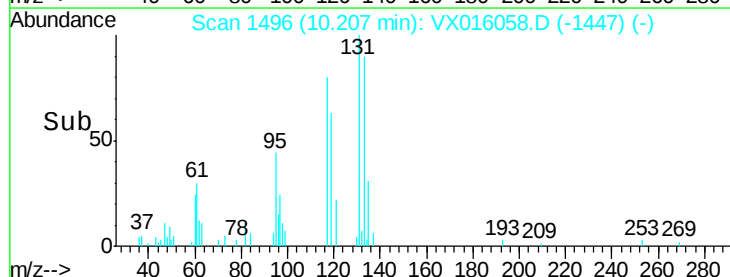
1500

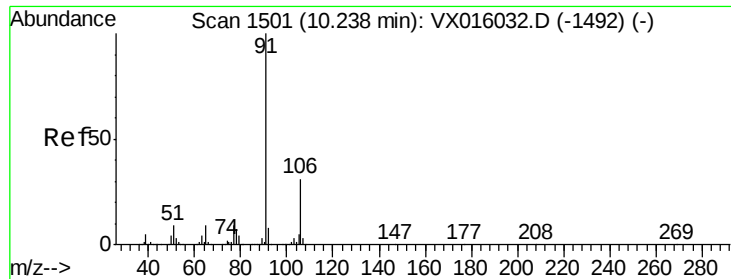
1000

500

0

Time--> 10.15 10.20 10.25

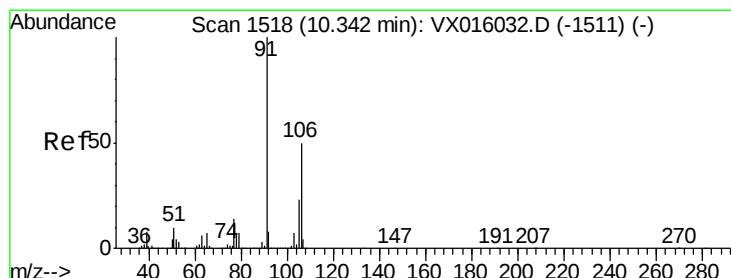
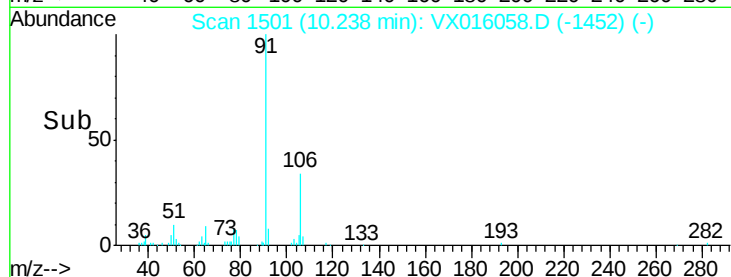
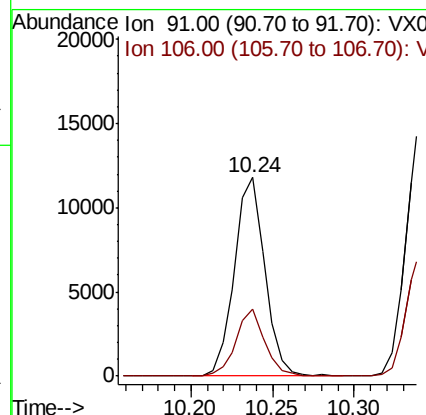
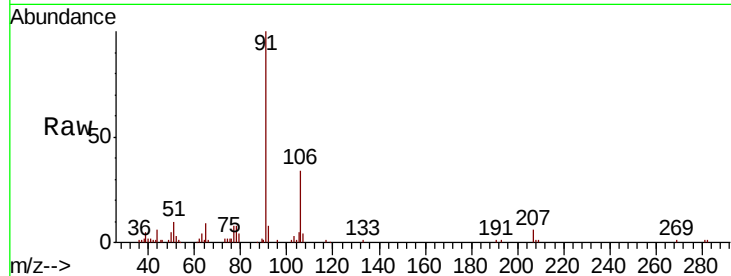




#67
Ethyl Benzene
Concen: 0.937 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

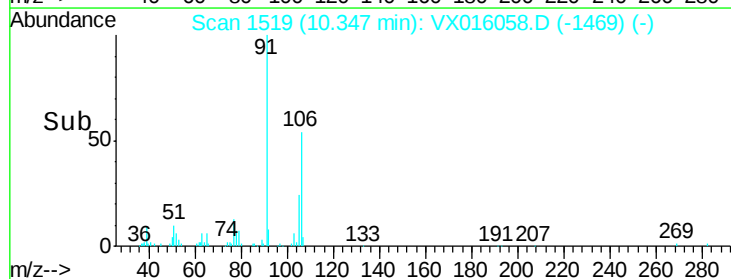
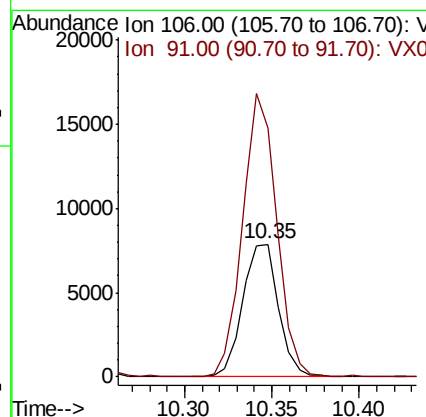
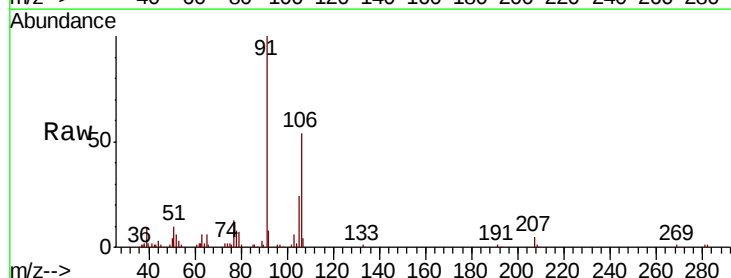
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

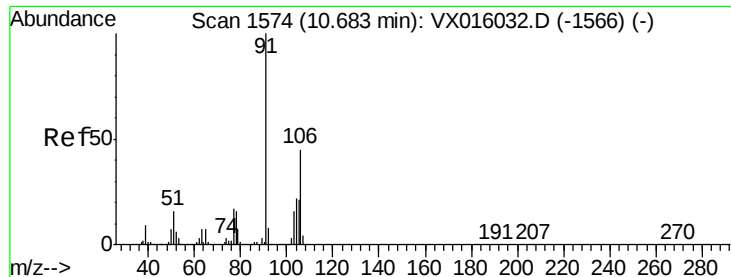
Tot Ion: 91 Resp: 15308
Ion Ratio Lower Upper
91 100
106 33.6 25.1 37.7



#68
m/p-Xylenes
Concen: 1.834 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 106 Resp: 11224
Ion Ratio Lower Upper
106 100
91 202.6 161.7 242.5





#69

o-Xylene

Concen: 0.914 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

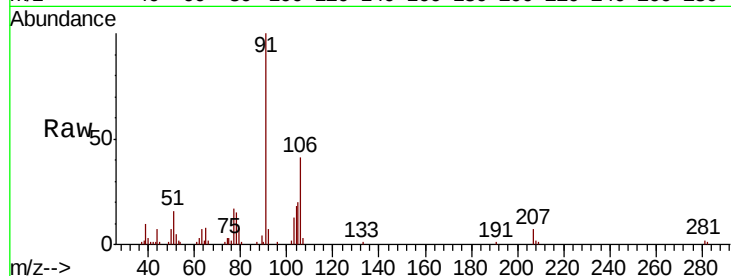
LOQ-WATER-02-QT2-2020

Tot Ion:106 Resp: 5376

Ion Ratio Lower Upper

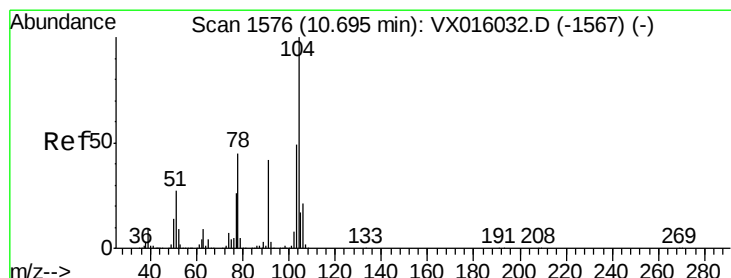
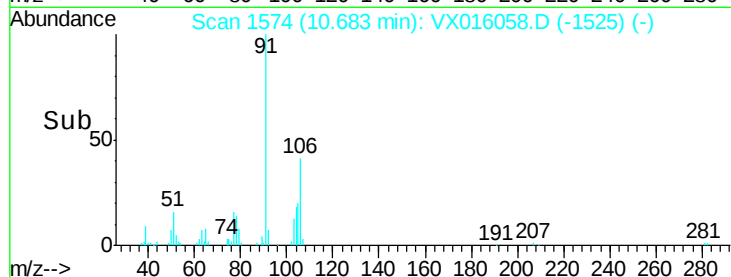
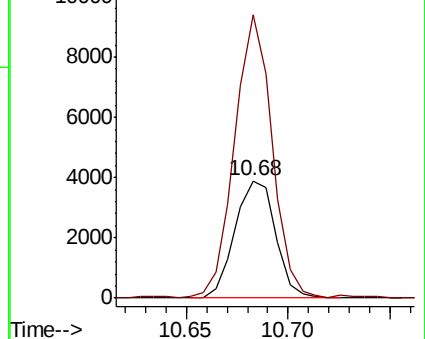
106 100

91 222.0 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 0.873 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

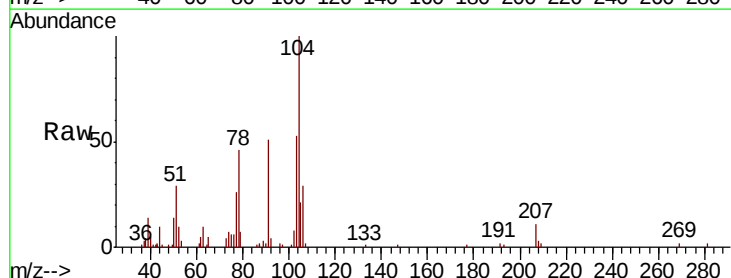
Tgt Ion:104 Resp: 8710

Ion Ratio Lower Upper

104 100

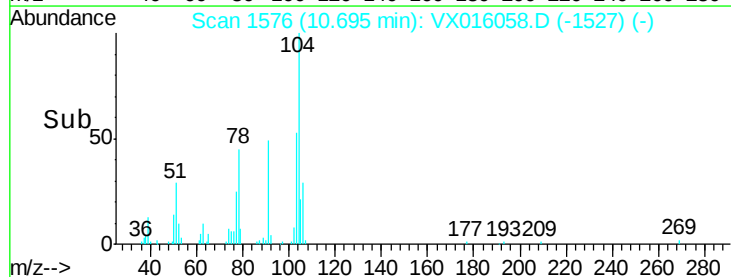
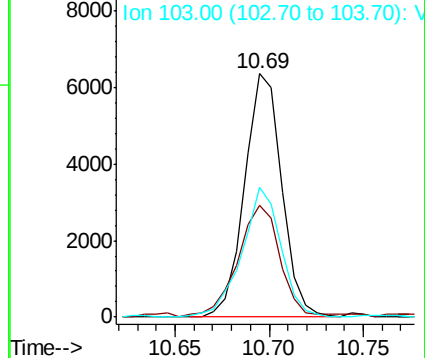
78 52.5 40.2 60.2

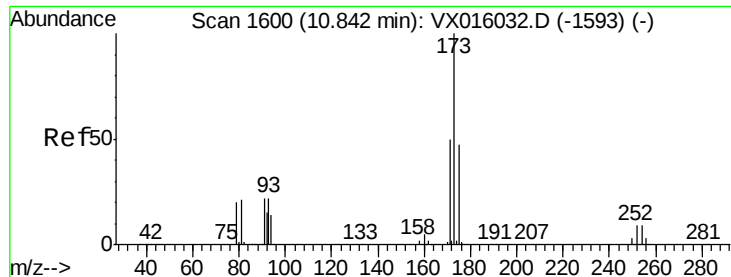
103 56.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#71

Bromoform

Concen: 0.797 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

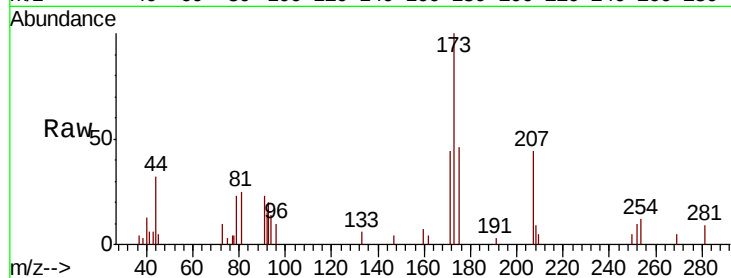
Tot Ion:173 Resp: 2196

Ion Ratio Lower Upper

173 100

175 49.3 24.0 72.0

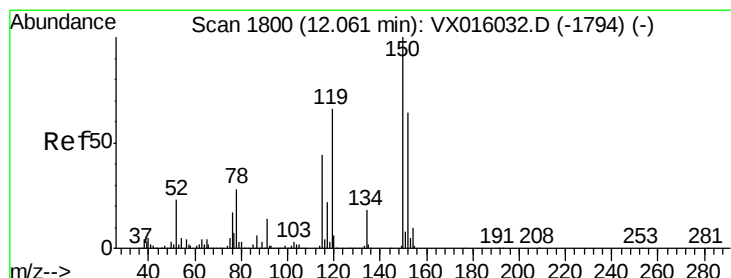
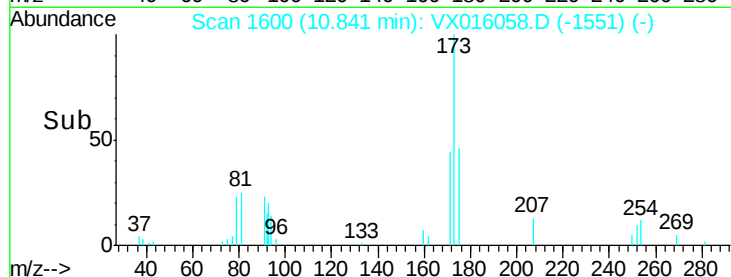
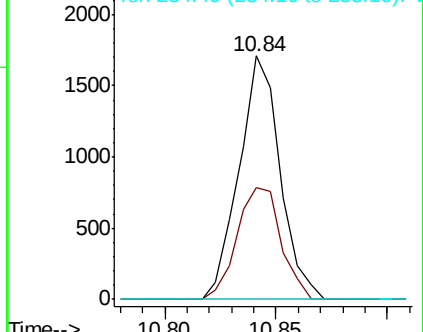
254 0.0 0.1 0.1#



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: VX016058.D

Acq: 05 May 2020 13:04

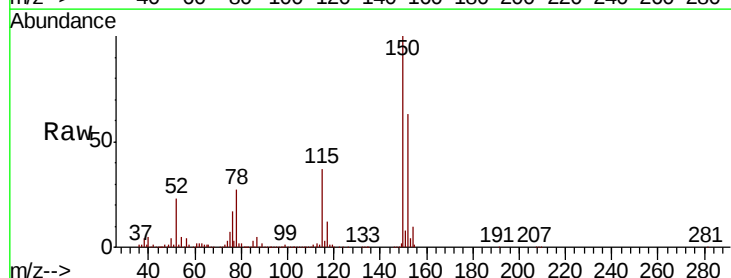
Tgt Ion:152 Resp: 212446

Ion Ratio Lower Upper

152 100

115 58.8 41.3 124.1

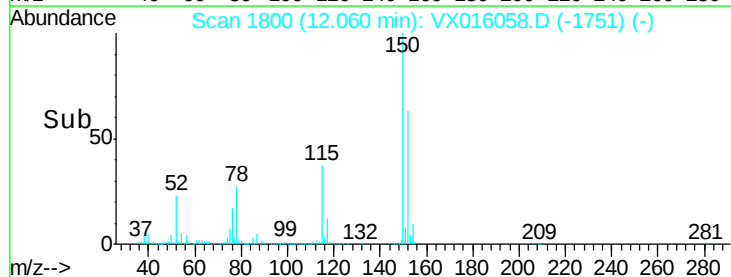
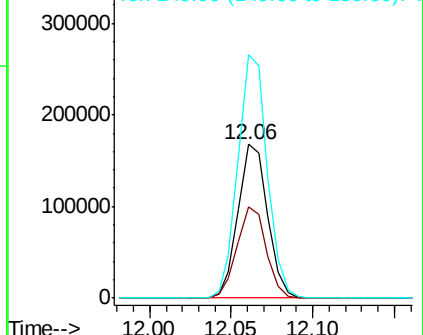
150 157.2 0.0 352.2

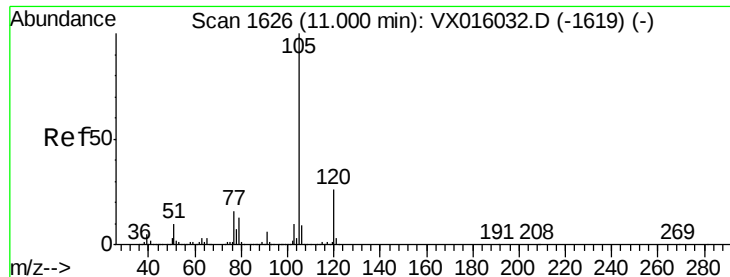


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.901 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

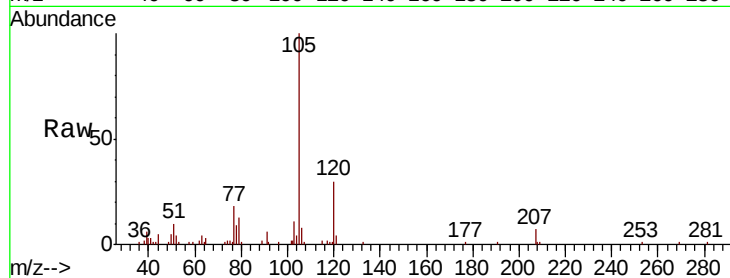
LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 13917

Ion Ratio Lower Upper

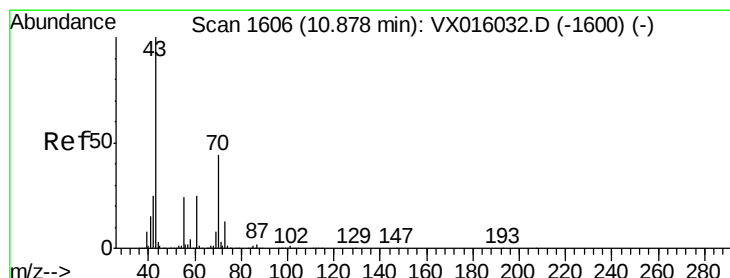
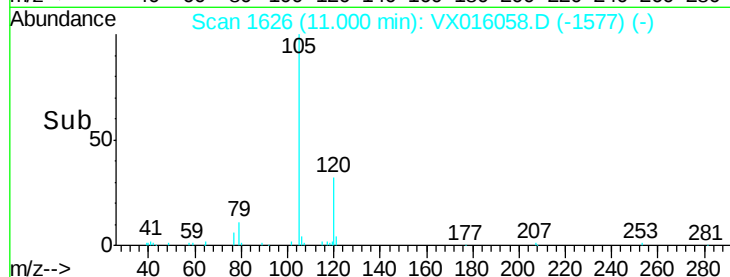
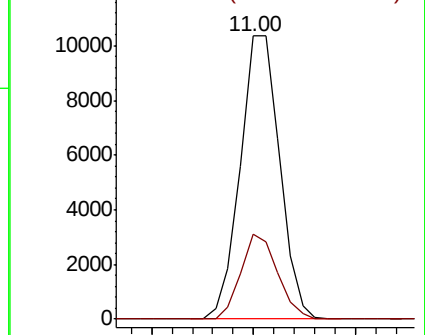
105 100

120 27.7 13.4 40.2



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: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion: 43 Resp: 6152

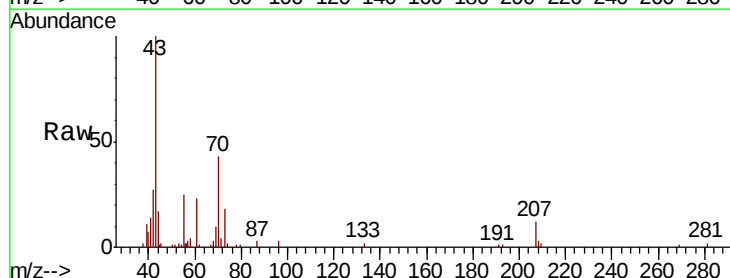
Ion Ratio Lower Upper

43 100

70 49.1 36.5 54.7

55 28.8 19.7 29.5

61 26.6 20.9 31.3

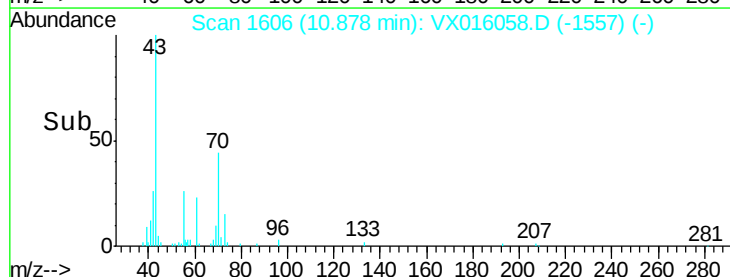
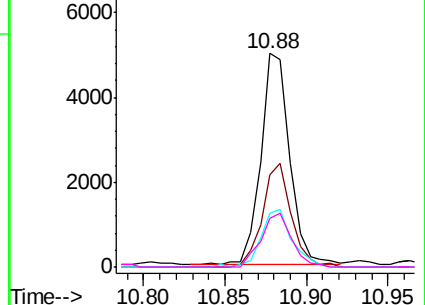


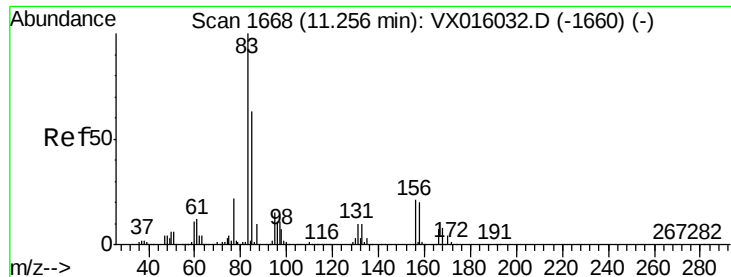
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.445 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

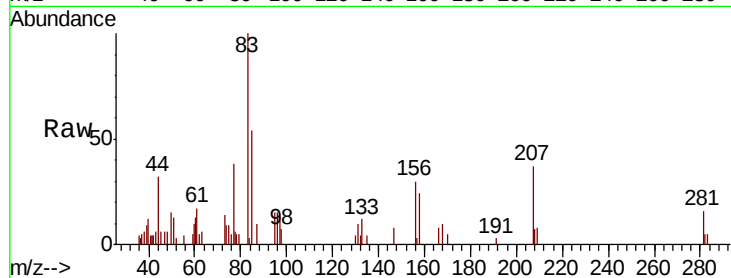
Tot Ion: 83 Resp: 2358

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

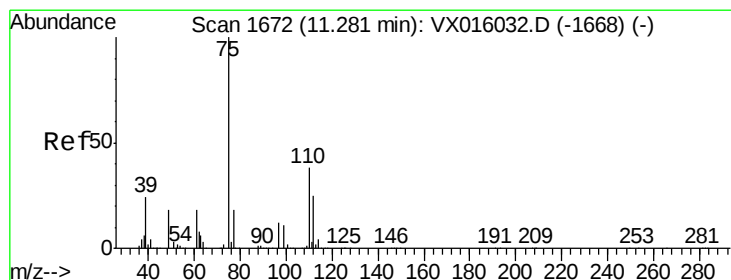
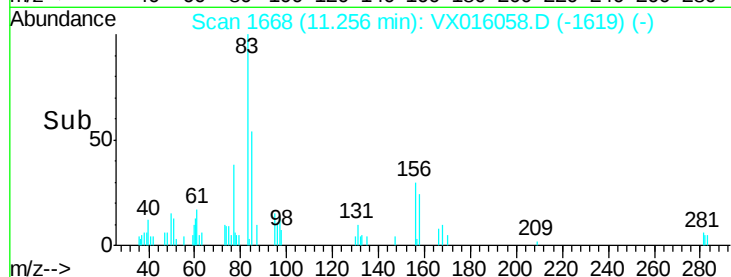
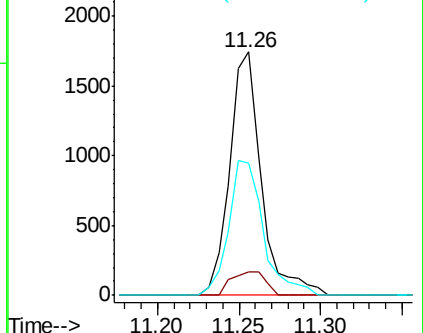
85 60.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.218 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016058.D

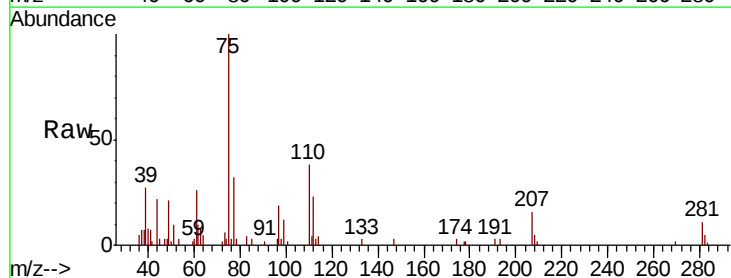
Acq: 05 May 2020 13:04

Tgt Ion: 75 Resp: 5873

Ion Ratio Lower Upper

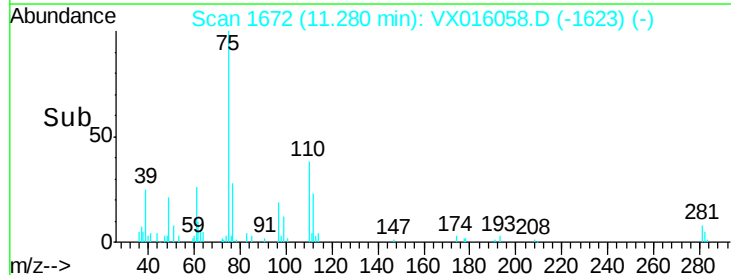
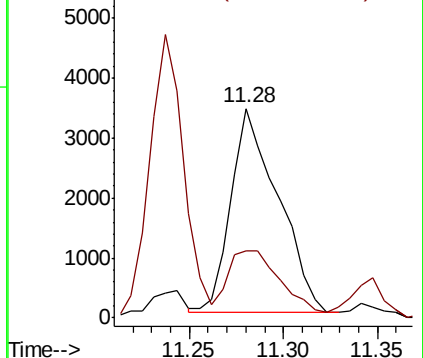
75 100

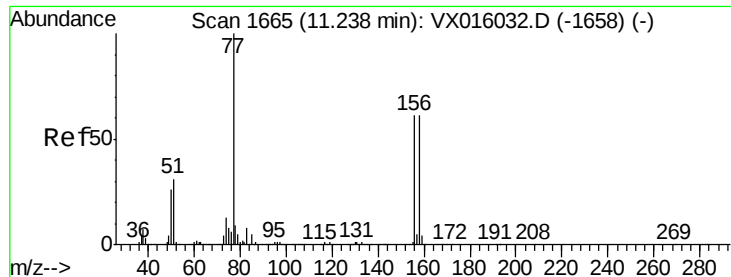
77 38.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.978 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

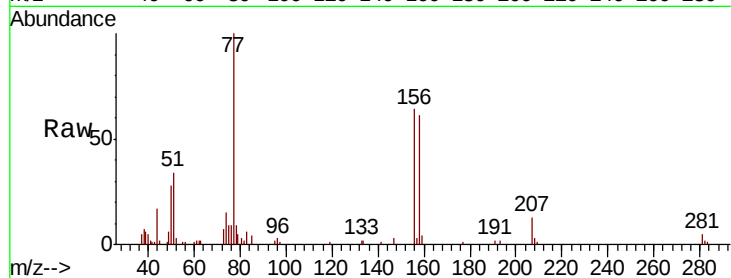
Tot Ion:156 Resp: 3899

Ion Ratio Lower Upper

156 100

77 154.8 80.1 240.3

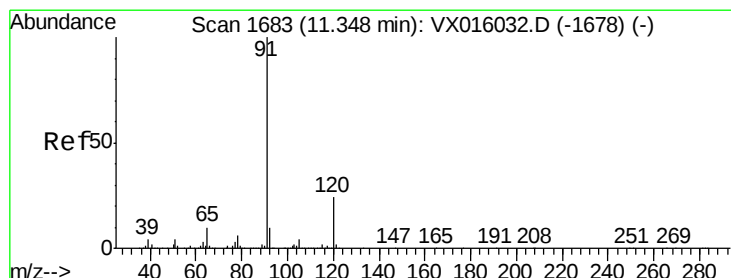
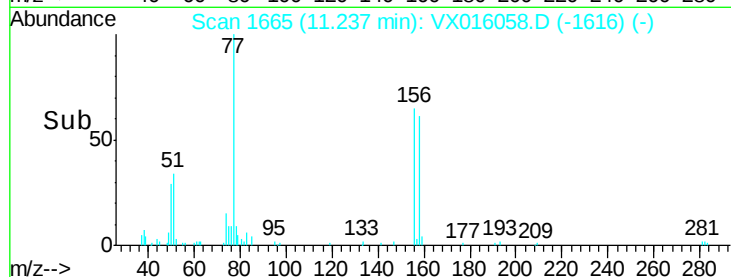
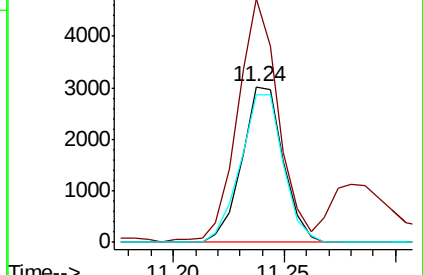
158 98.6 49.4 148.2



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: 0.956 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016058.D

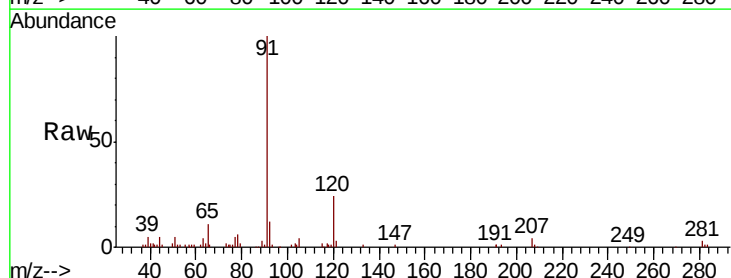
Acq: 05 May 2020 13:04

Tgt Ion: 91 Resp: 17193

Ion Ratio Lower Upper

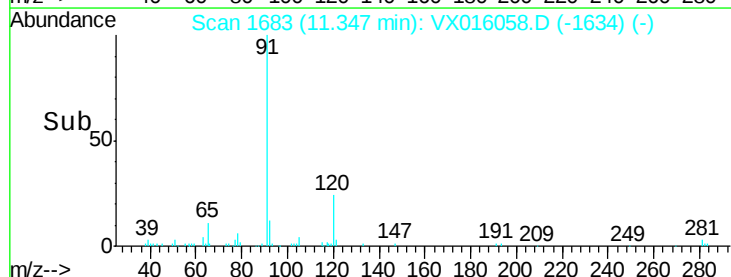
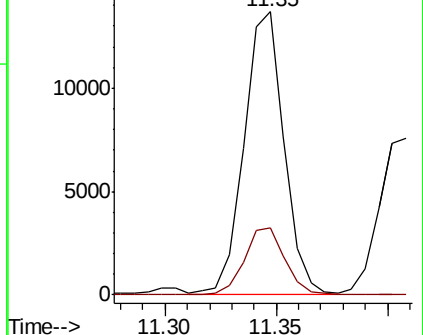
91 100

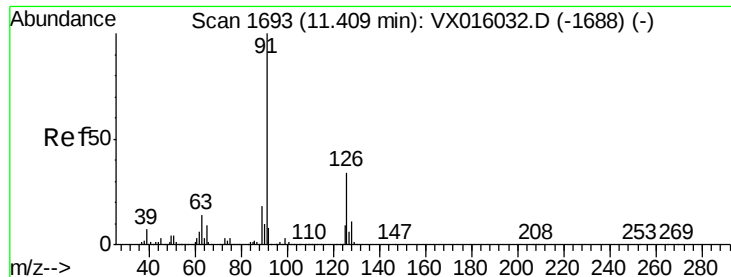
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

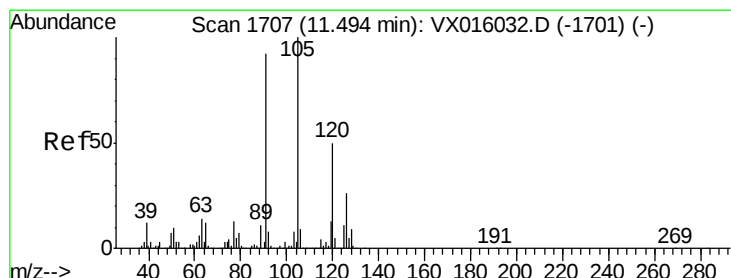
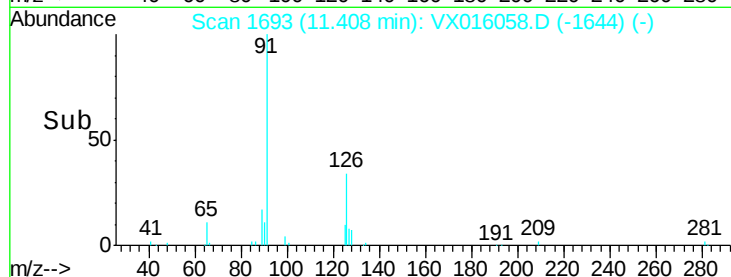
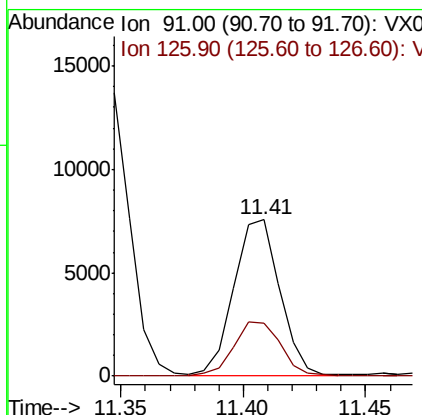
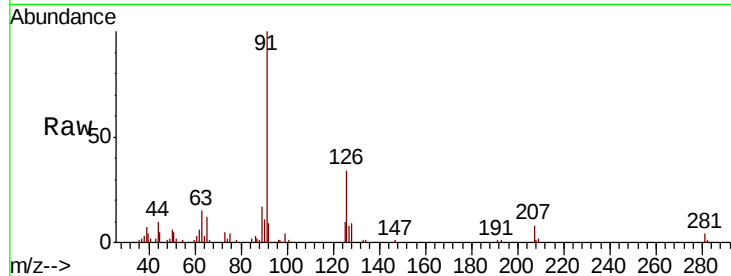




#79
2-Chlorotoluene
Concen: 0.942 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

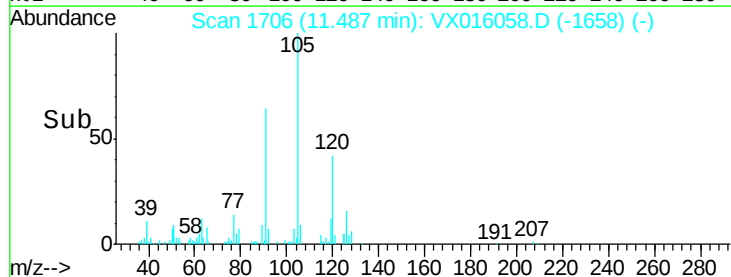
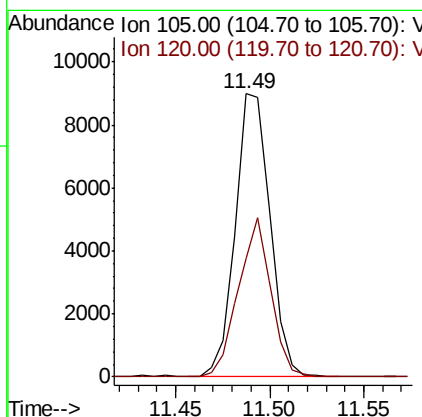
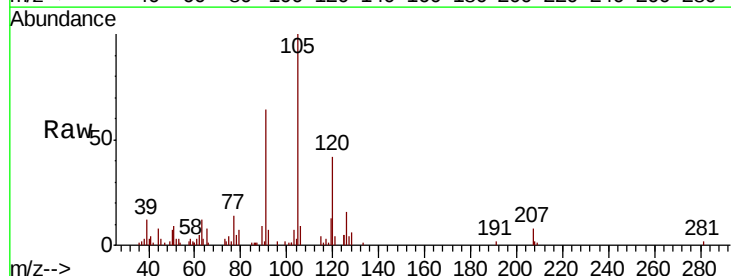
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

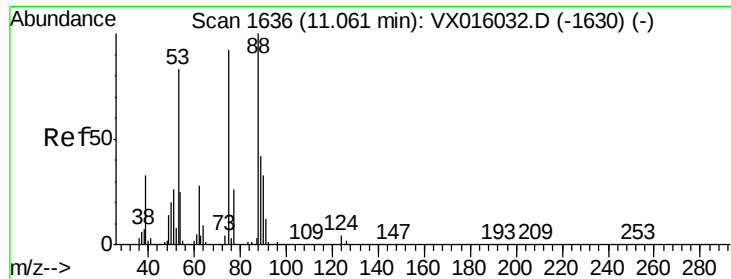
Tot Ion: 91 Resp: 9995
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 0.881 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 105 Resp: 11489
Ion Ratio Lower Upper
105 100
120 52.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.576 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

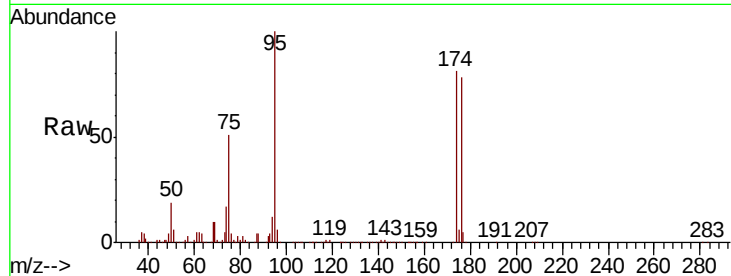
Tot Ion: 75 Resp: 102314

Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

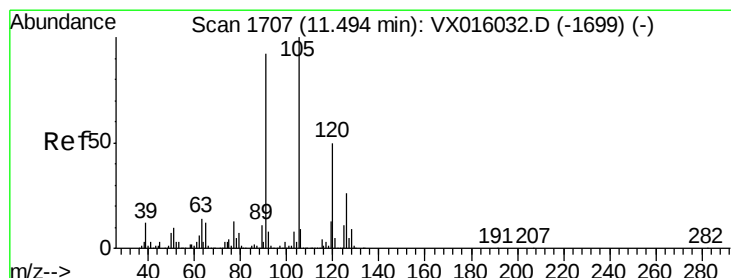
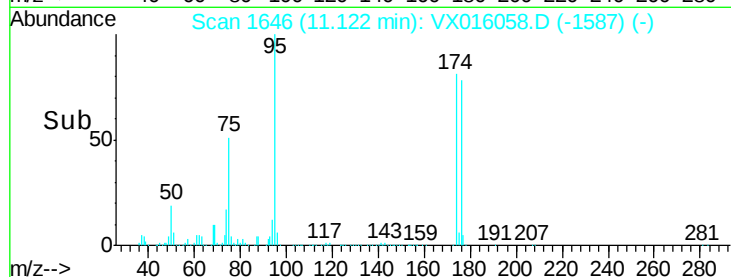
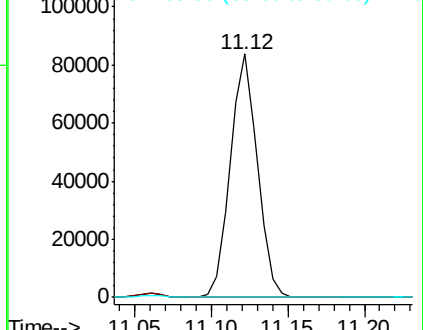
89 0.0 36.7 55.1#



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: 0.970 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016058.D

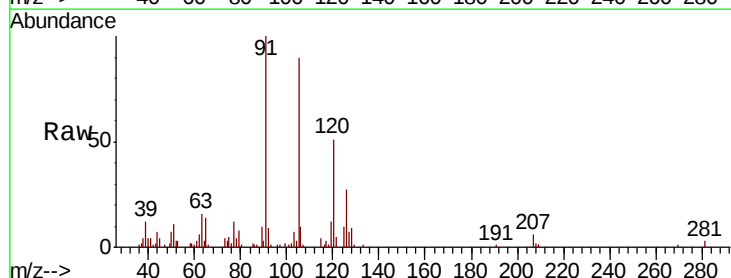
Acq: 05 May 2020 13:04

Tgt Ion: 91 Resp: 12153

Ion Ratio Lower Upper

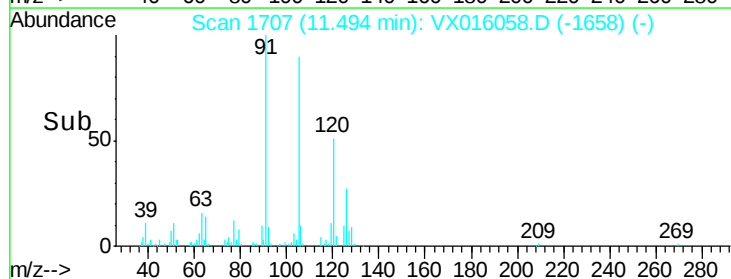
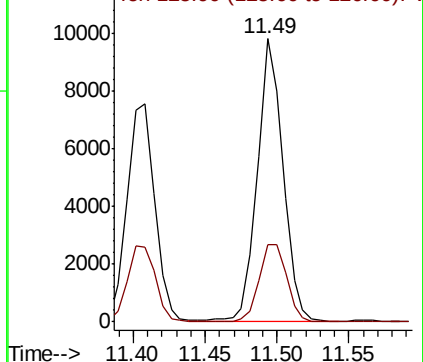
91 100

126 29.2 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

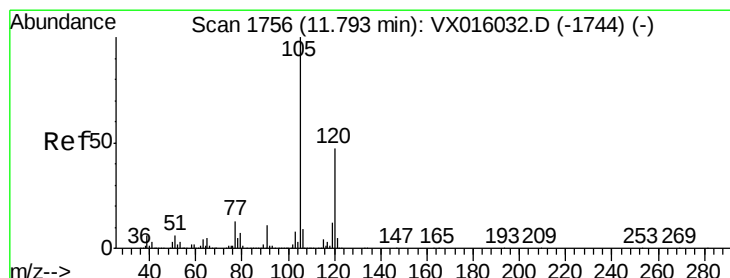
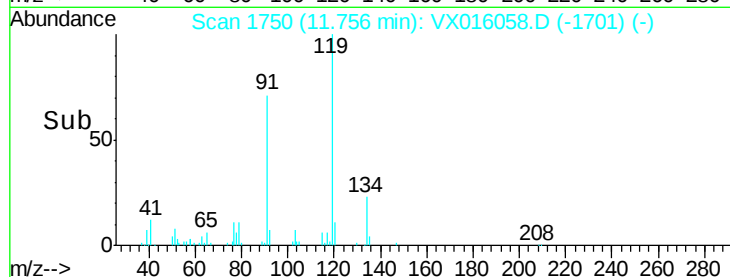
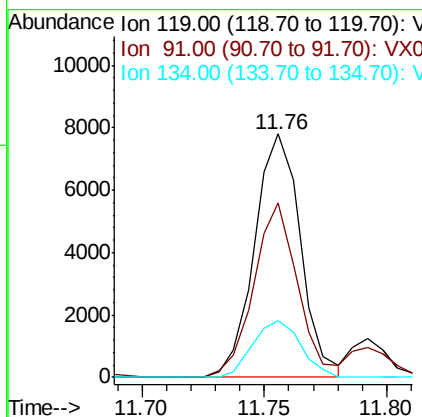
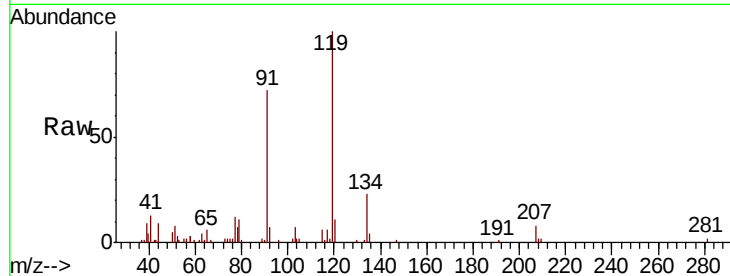




#83
tert-Butylbenzene
Concen: 0.907 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

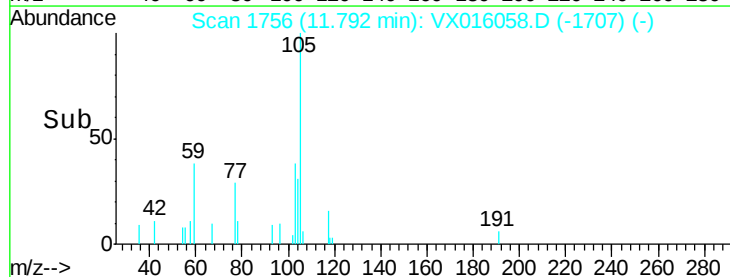
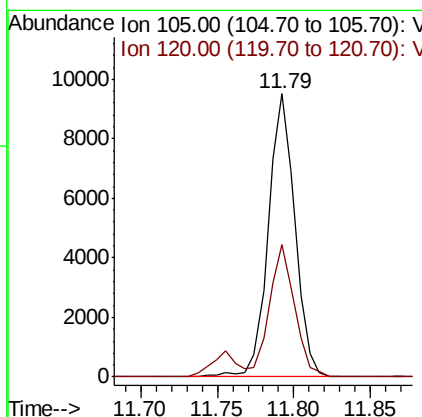
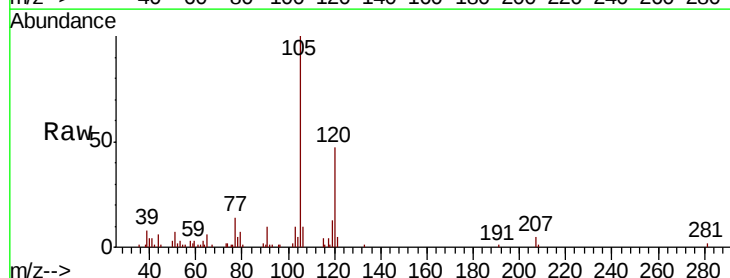
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

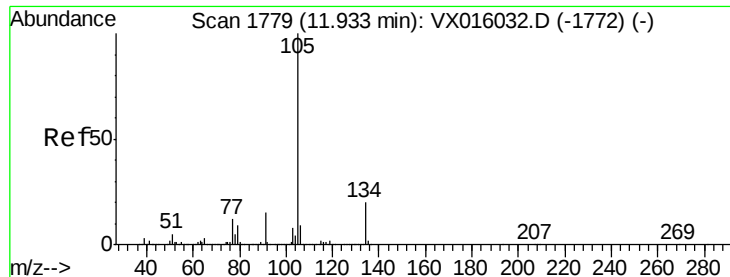
Tot Ion:119 Resp: 10195
Ion Ratio Lower Upper
119 100
91 68.7 32.8 98.4
134 24.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 0.877 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion:105 Resp: 11564
Ion Ratio Lower Upper
105 100
120 44.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 0.903 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

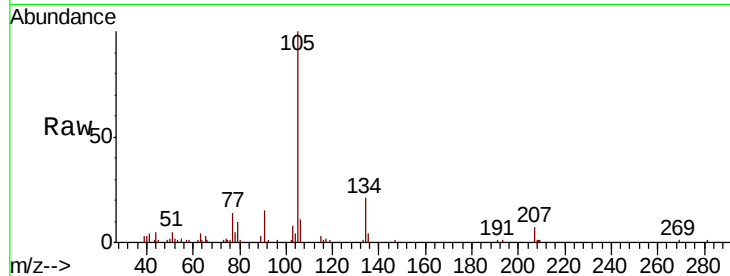
LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 13703

Ion Ratio Lower Upper

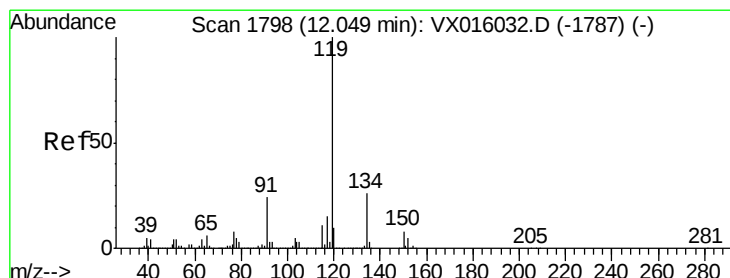
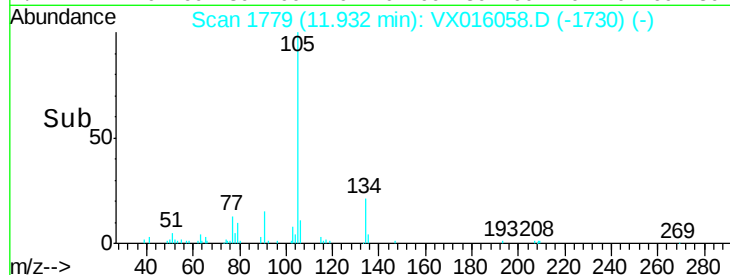
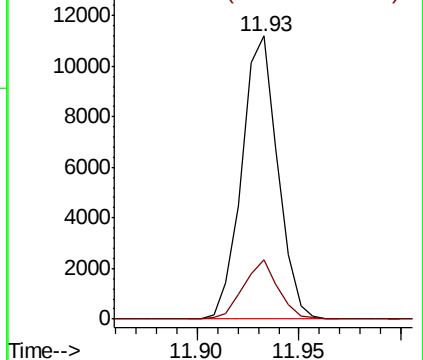
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.890 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

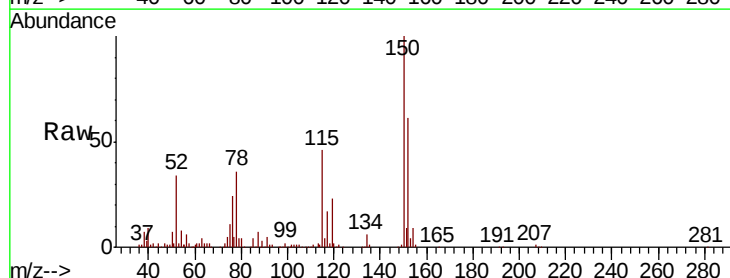
Tgt Ion:119 Resp: 12551

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

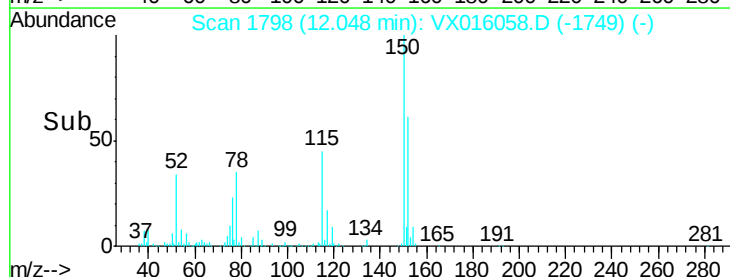
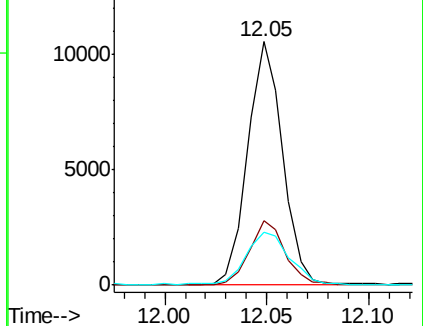
91 28.0 11.8 35.4

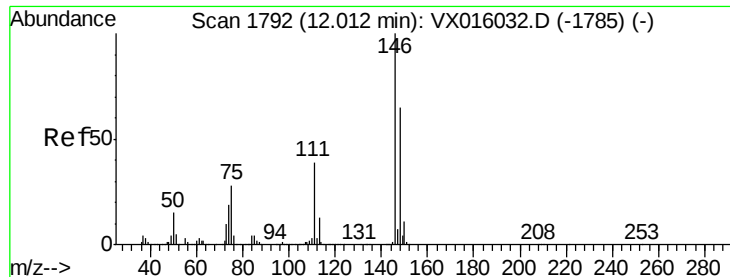


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

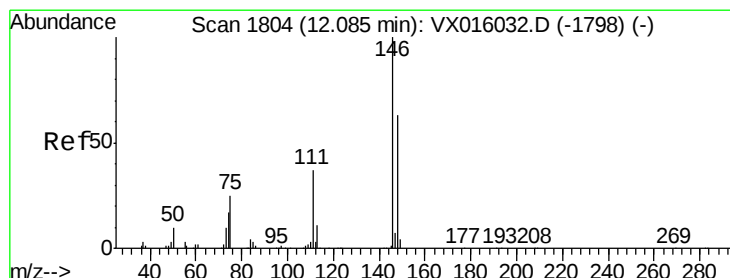
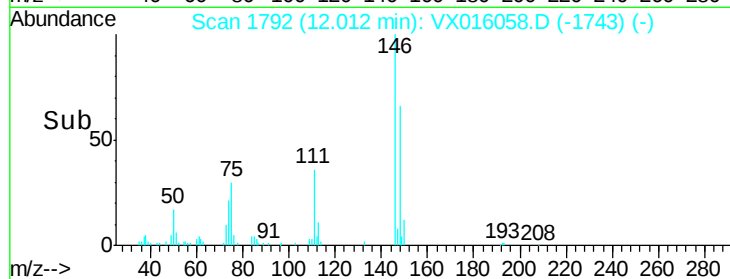
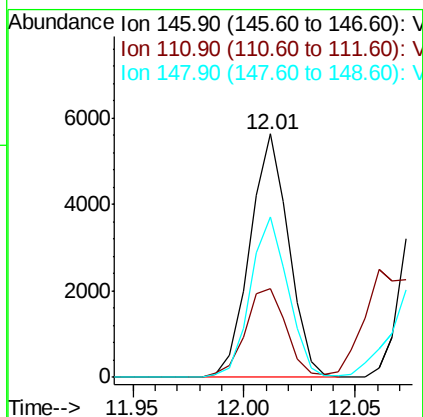
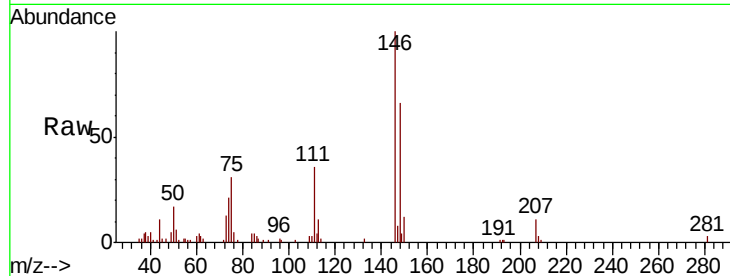




#87
 1,3-Dichlorobenzene
 Concen: 0.955 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

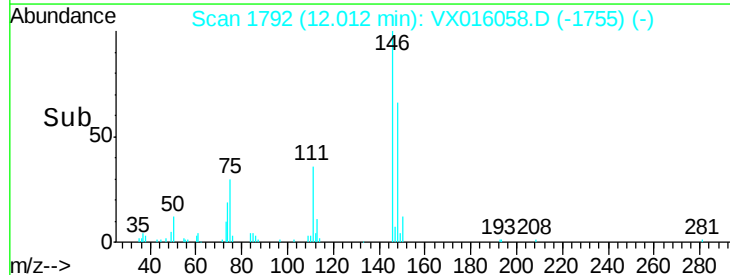
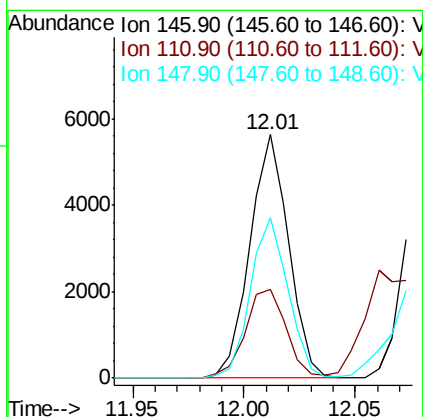
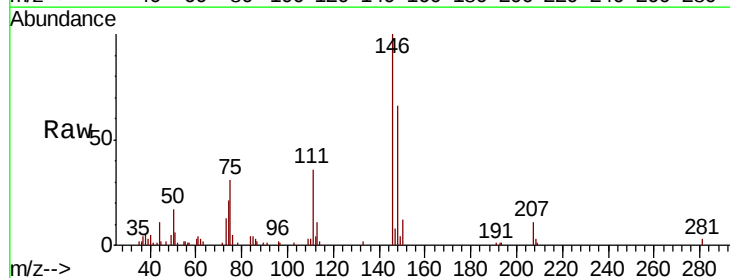
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

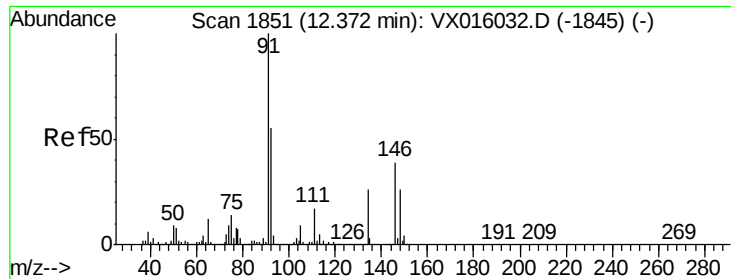
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.2	60.6
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.941 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.4	31.8	95.3

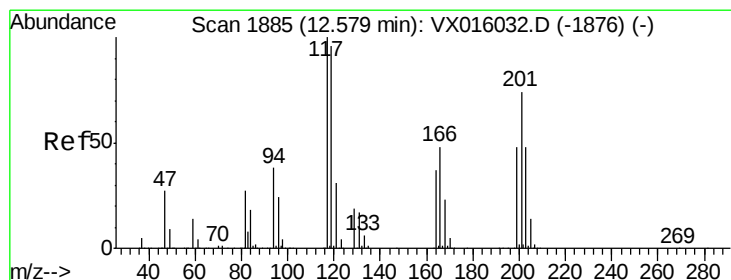
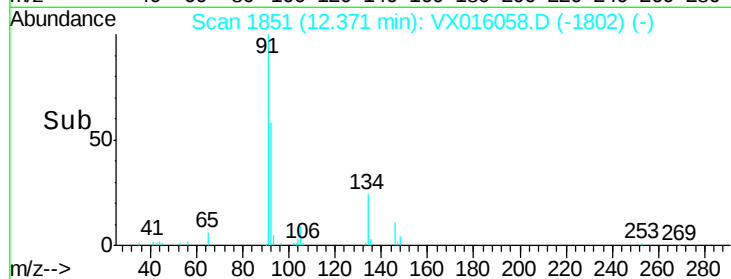
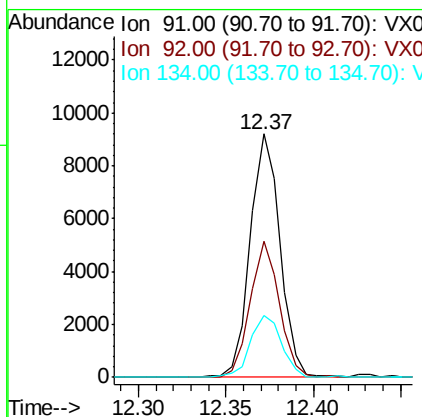
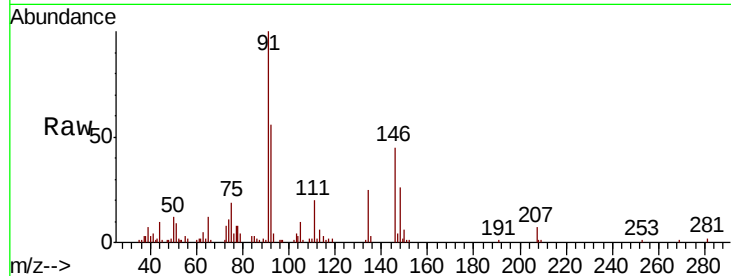




#89
n-Butylbenzene
Concen: 0.847 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

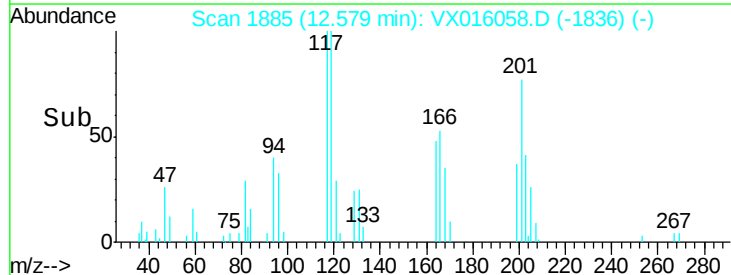
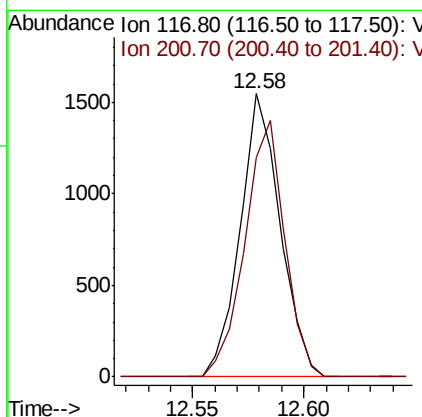
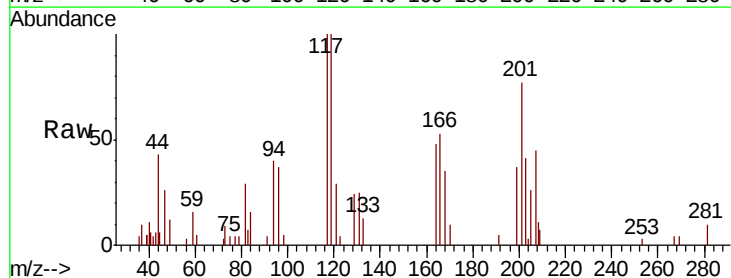
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

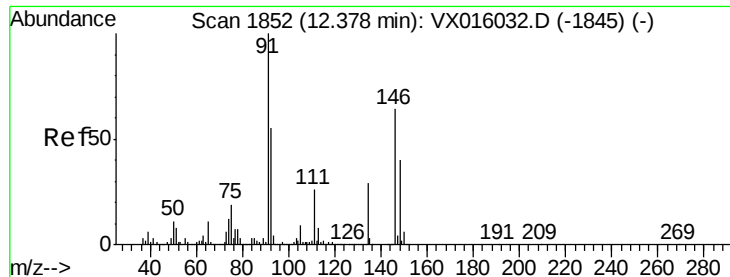
Tot Ion: 91 Resp: 10911
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.7
134 26.3 13.4 40.1



#90
Hexachloroethane
Concen: 0.801 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 117 Resp: 1938
Ion Ratio Lower Upper
117 100
201 90.3 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 0.956 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

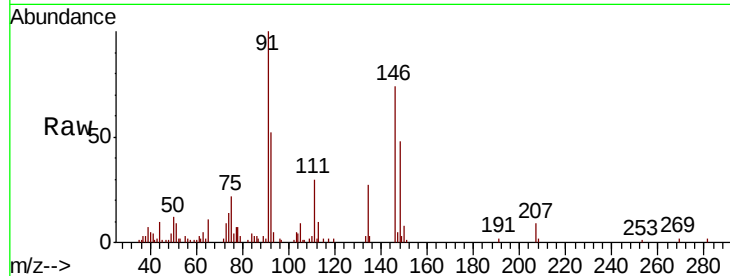
Tot Ion:146 Resp: 6590

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.1

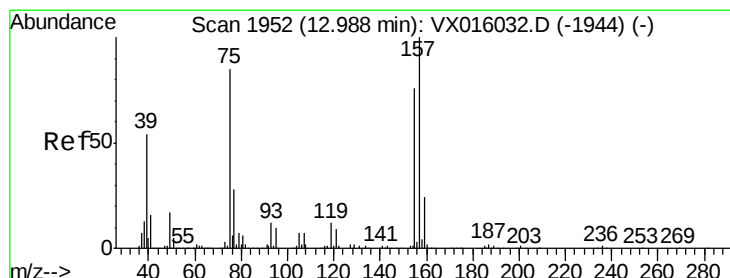
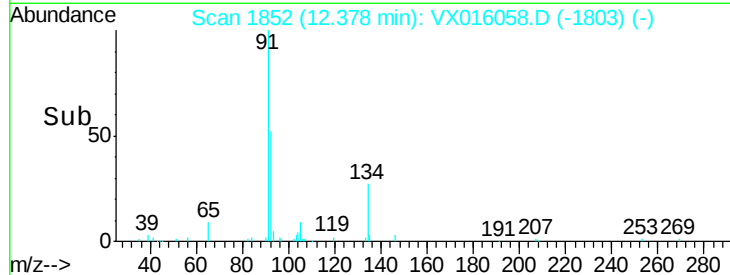
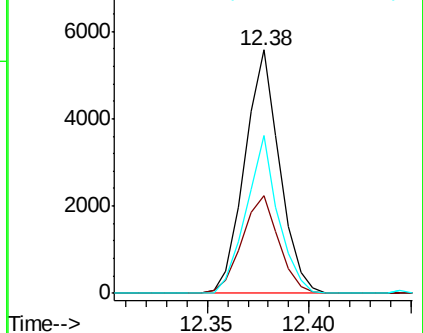
148 59.7 32.4 97.0



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: 0.958 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

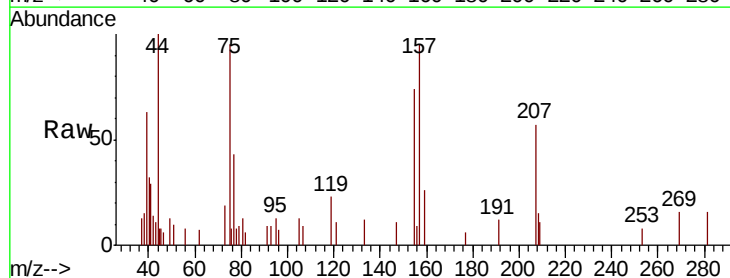
Tgt Ion: 75 Resp: 1217

Ion Ratio Lower Upper

75 100

155 72.0 42.5 127.5

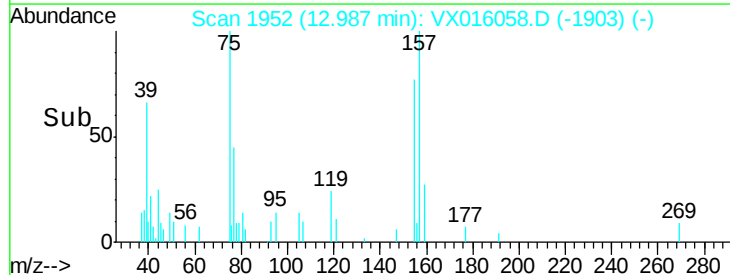
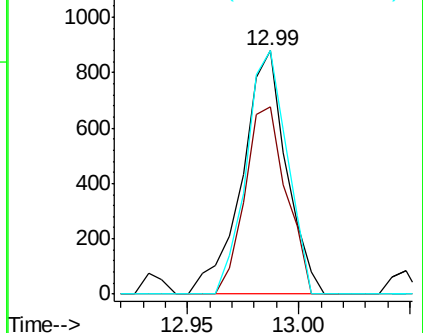
157 91.6 55.3 165.8

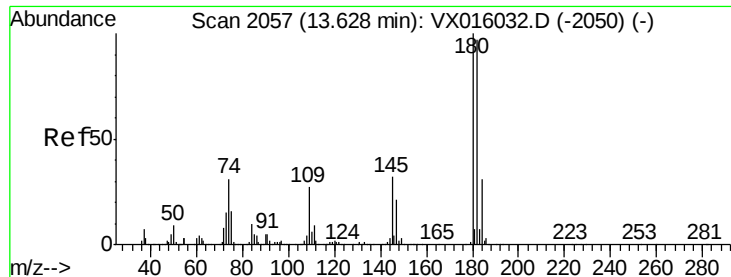


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

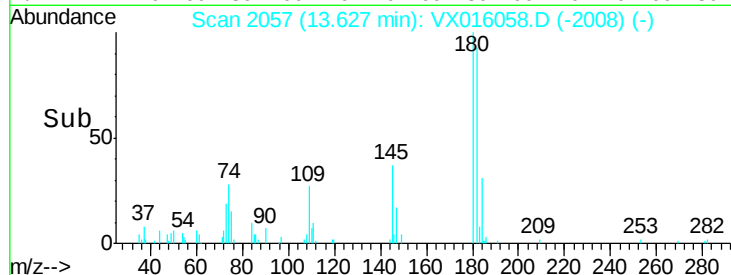
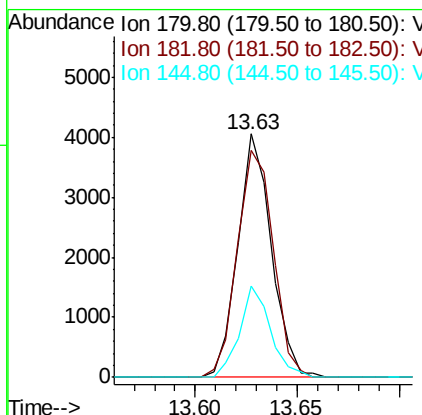
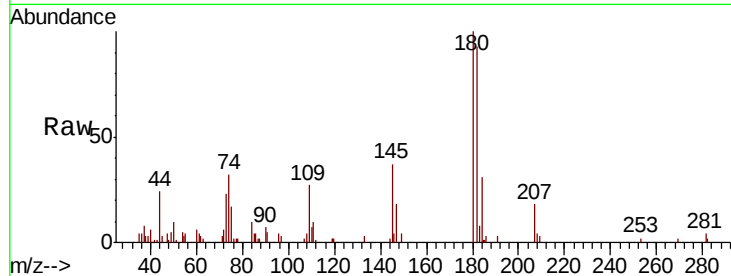




#93
 1,2,4-Trichlorobenzene
 Concen: 0.903 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

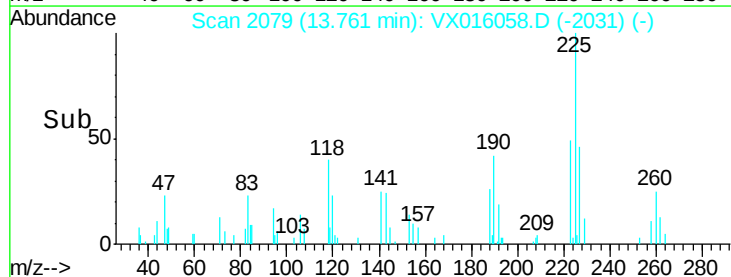
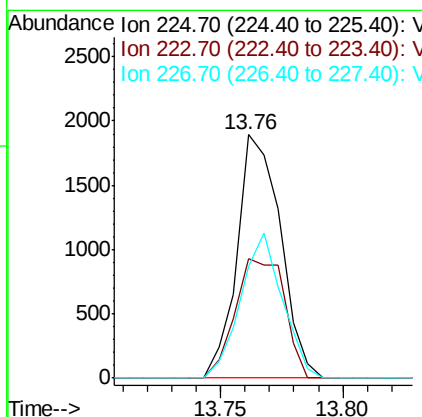
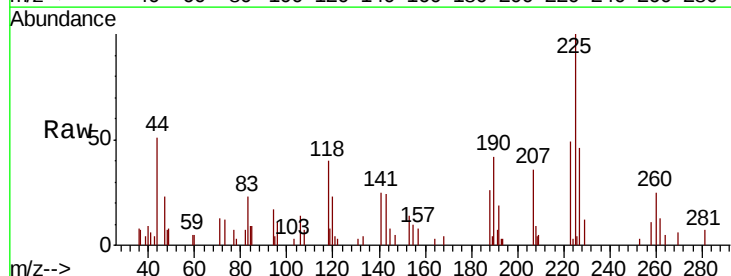
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion:180 Resp: 4611
 Ion Ratio Lower Upper
 180 100
 182 100.5 48.7 146.1
 145 34.6 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 1.574 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion:225 Resp: 2334
 Ion Ratio Lower Upper
 225 100
 223 55.8 32.3 96.9
 227 57.2 31.8 95.4

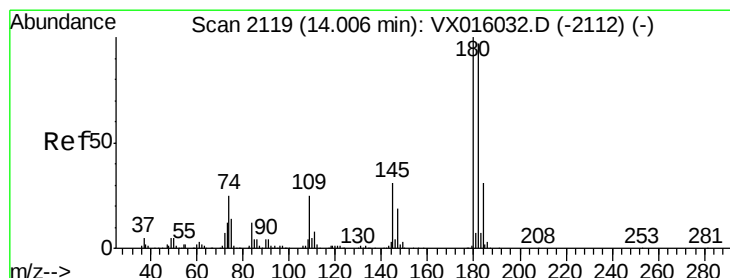
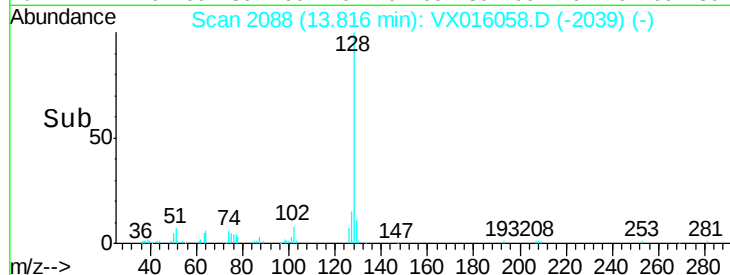
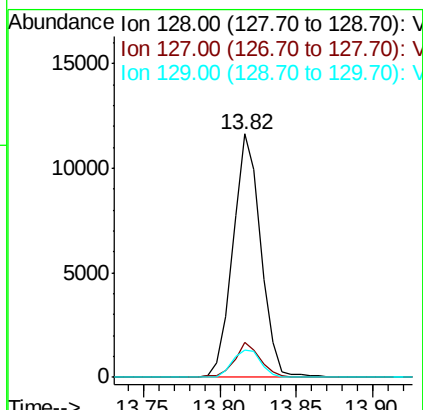
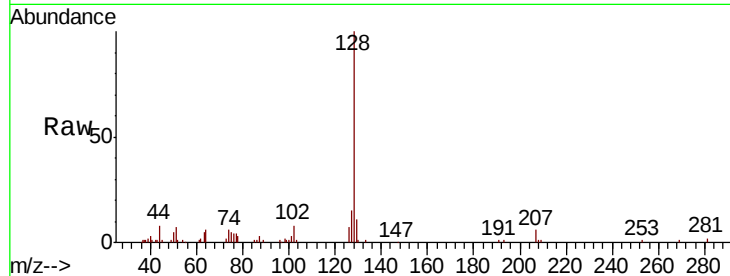




#95
Naphthalene
Concen: 0.886 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:128 Resp: 14643
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.934 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion:180 Resp: 4660
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.0
145 36.6 16.4 49.1

