

Data File : VX016713.D
Acq On : 11 Jun 2020 18:36
Operator : JC/SP
Sample : L2977-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
I-OC-2

Quant Time: Jun 12 06:59:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	206728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	327282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	331518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	122106	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.47	113	102188	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.70	98	409111	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.12	95	166624	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	

Target Compounds			Qvalue			
10) Methyl Iodide	2.50	142	145	3.116	ug/l #	88
11) Tert butyl alcohol	3.00	59	1320	2.005	ug/l	100
13) Acrolein	2.26	56	85	0.304	ug/l #	1
14) Allyl chloride	2.68	41	3861	1.055	ug/l #	55
16) Acetone	2.42	43	457370	406.627	ug/l	99
17) Carbon Disulfide	2.55	76	540997	91.584	ug/l	99
18) Methyl Acetate	2.75	43	1562	0.541	ug/l	93
20) Methylene Chloride	2.83	84	480	0.206	ug/l #	83
25) 2-Butanone	4.64	43	83915	44.029	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	565	0.222	ug/l	55
28) Bromochloromethane	5.18	49	10572	5.736	ug/l #	12
29) Tetrahydrofuran	5.10	42	501	0.407	ug/l #	32
30) Chloroform	5.18	83	151494	37.906	ug/l	100
31) Cyclohexane	5.63	56	3768	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	13937	4.498	ug/l #	52
37) Ethyl Acetate	4.64	43	83915	22.556	ug/l #	68
38) Carbon Tetrachloride	5.63	117	19444	5.971	ug/l #	16
40) Benzene	6.12	78	134914	14.620	ug/l	98
42) 1,2-Dichloroethane	6.11	62	1475	0.449	ug/l #	73
43) Isopropyl Acetate	6.43	43	2523	0.435	ug/l #	59
47) Bromodichloromethane	7.88	83	9619	2.944	ug/l #	97
49) 1,4-Dioxane	7.93	88	19	0.292	ug/l #	23
51) 4-Methyl-2-Pentanone	8.62	43	1775	0.491	ug/l	94
52) Toluene	8.77	92	36929	6.346	ug/l	96
55) 1,1,2-Trichloroethane	9.06	97	14378	6.214	ug/l #	17
56) Ethyl methacrylate	9.06	69	1009	0.268	ug/l #	24
58) 2-Chloroethyl Vinyl ether	8.45	63	495	0.252	ug/l #	46
59) 2-Hexanone	9.48	43	1005	0.358	ug/l	90
67) Ethyl Benzene	10.23	91	36586	3.040	ug/l	100
68) m/p-Xylenes	10.34	106	52635	11.797	ug/l	100
69) o-Xylene	10.68	106	24213	5.604	ug/l	98
70) Styrene	10.68	104	2060	0.277	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	80742	20.392	ug/l #	35
79) 2-Chlorotoluene	11.41	91	1724	0.203	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061120\
Quantitation Report (Not Reviewed)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

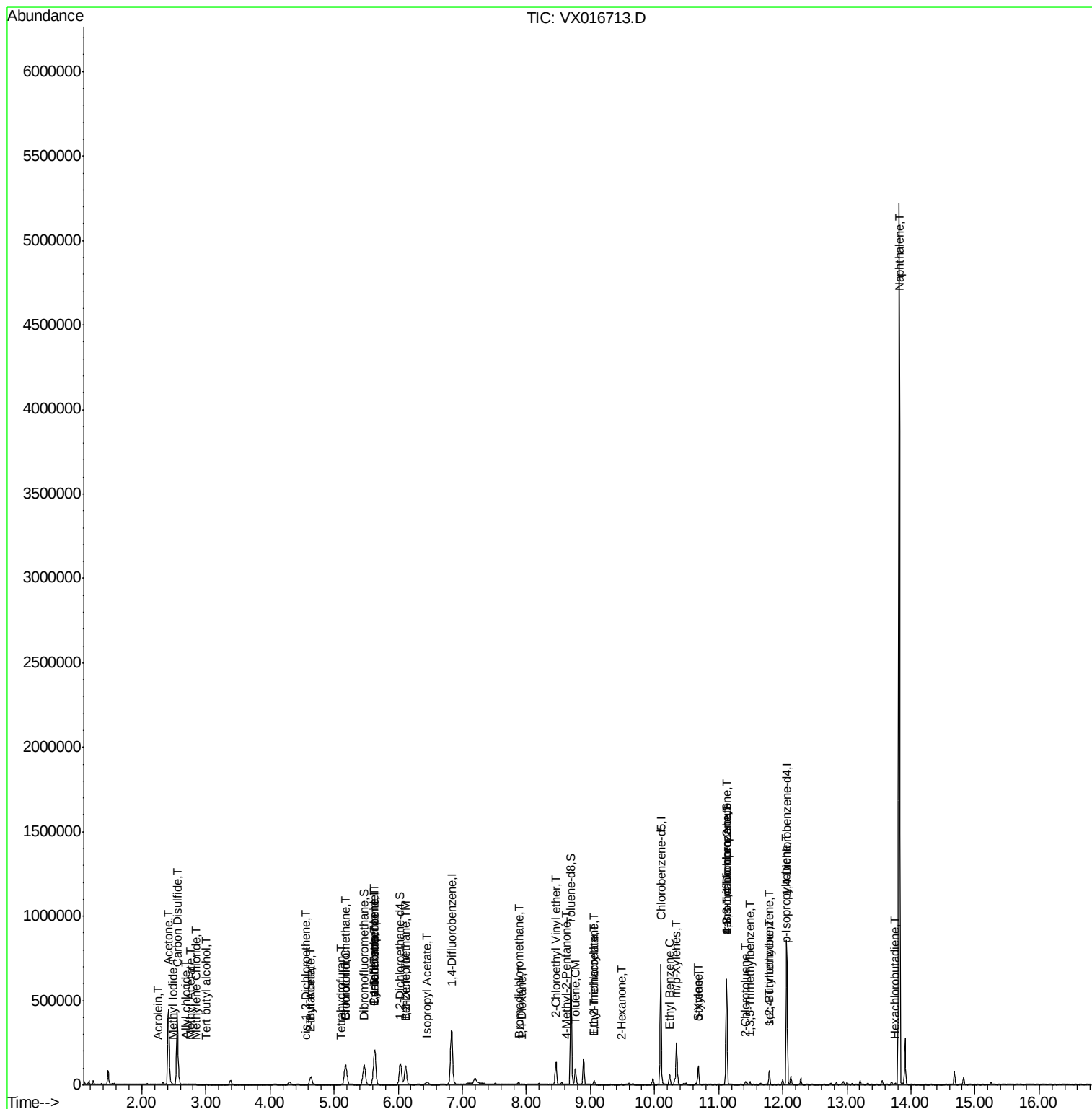
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.49	105	7908	0.759	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	80742	50.162	ug/l #	14
84) 1,2,4-Trimethylbenzene	11.79	105	34251	3.250	ug/l	93
85) sec-Butylbenzene	11.79	105	34251	3.066	ug/l #	56
86) p-Isopropyltoluene	12.05	119	4333	0.414	ug/l #	86
94) Hexachlorobutadiene	13.76	225	533	0.372	ug/l	95
95) Naphthalene	13.82	128	3134129	250.531	ug/l	99

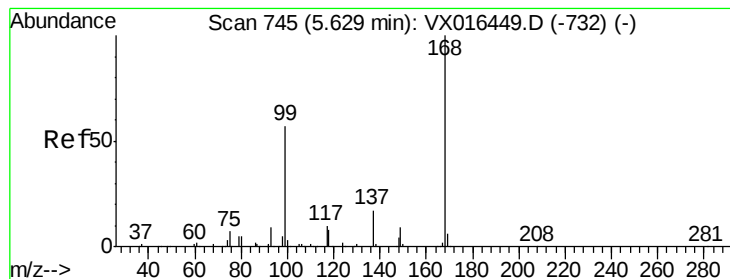
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

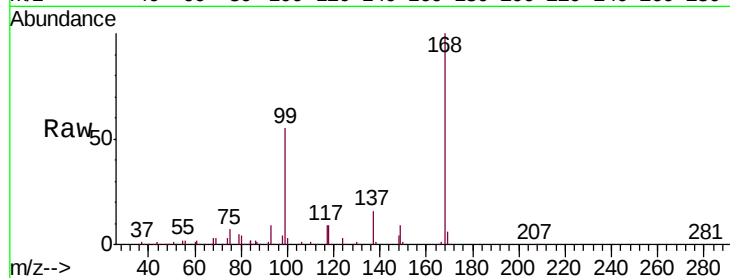
I-OC-2

Tgt Ion:168 Resp: 206728

Ion Ratio Lower Upper

168 100

99 54.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

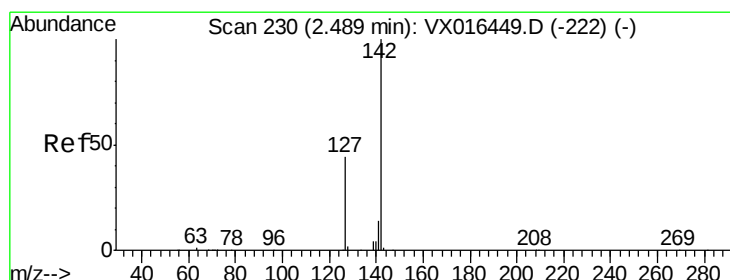
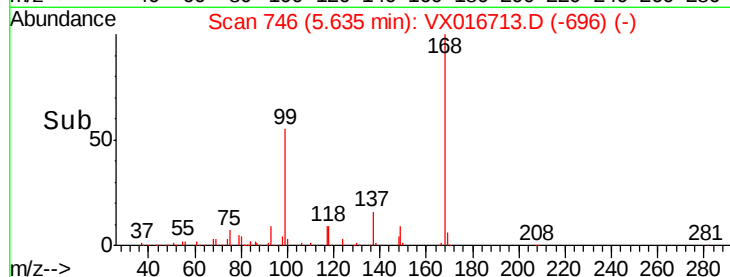
40000

20000

0

Time-->

5.50 5.60 5.70



#10

Methyl Iodide

Concen: 3.116 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

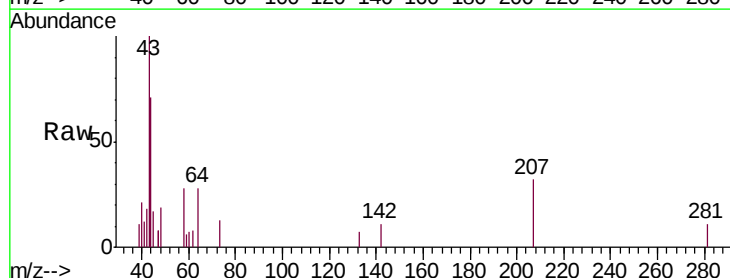
Tgt Ion:142 Resp: 145

Ion Ratio Lower Upper

142 100

127 53.8 35.3 52.9#

141 13.1 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.50

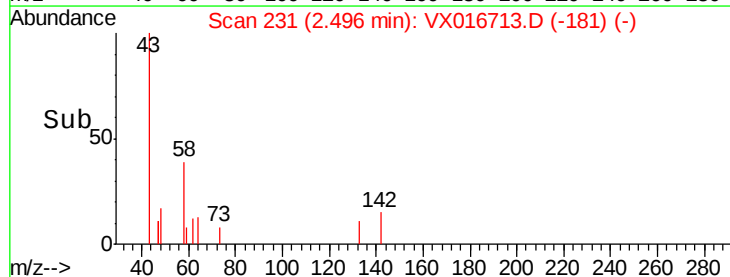
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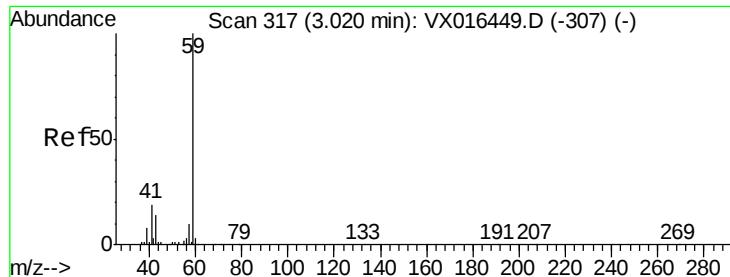
50

0

Time-->

2.46 2.48 2.50 2.52

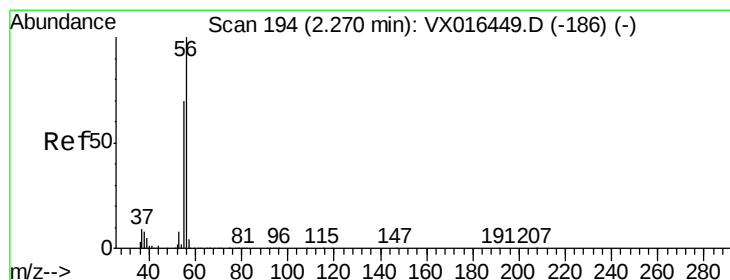
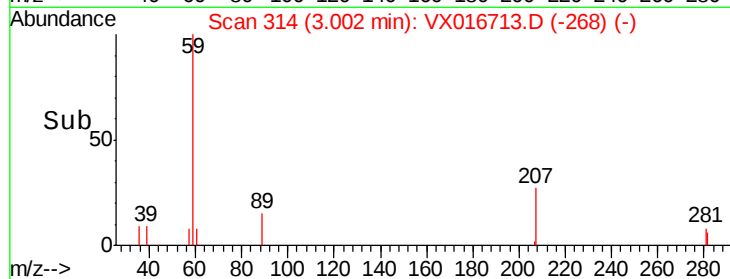
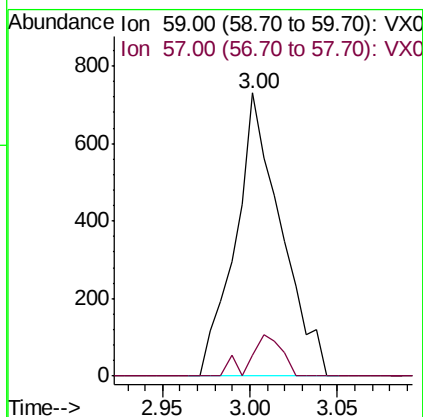
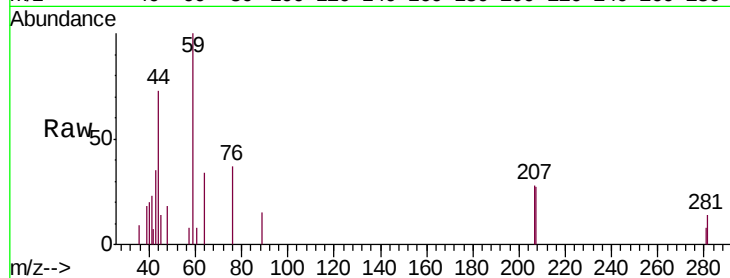




#11
Tert butyl alcohol
Concen: 2.005 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

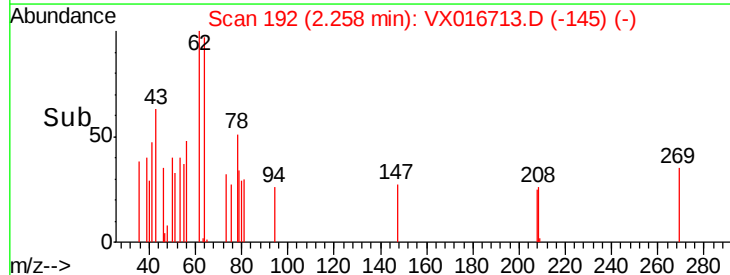
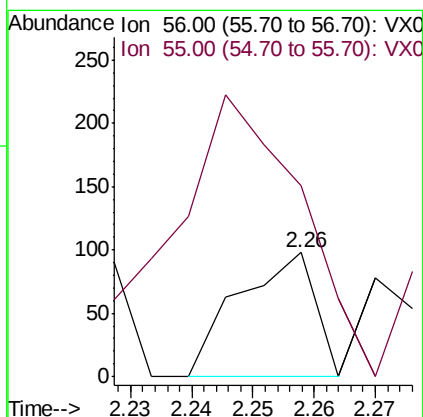
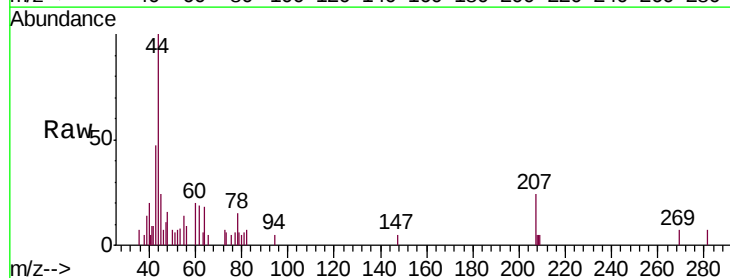
Instrument :
MSVOA_X
ClientSampled :
I-OC-2

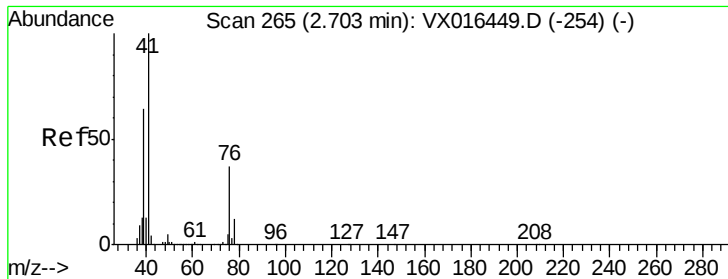
Tgt Ion: 59 Resp: 1320
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#13
Acrolein
Concen: 0.304 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 387.1 58.3 87.5#

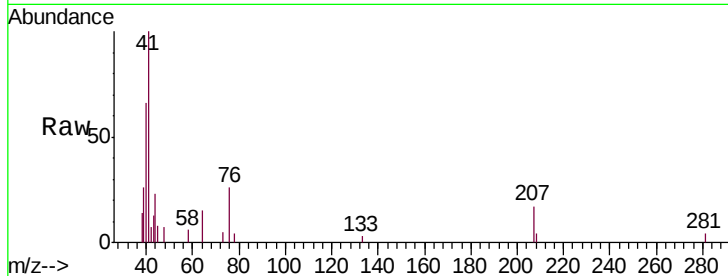




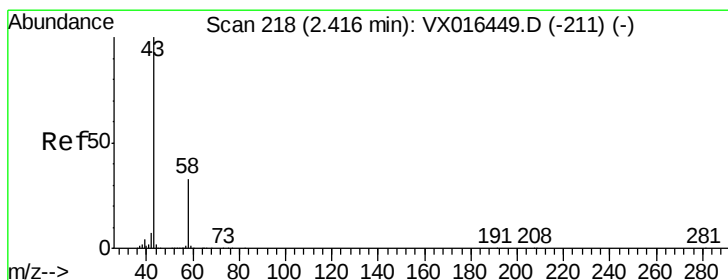
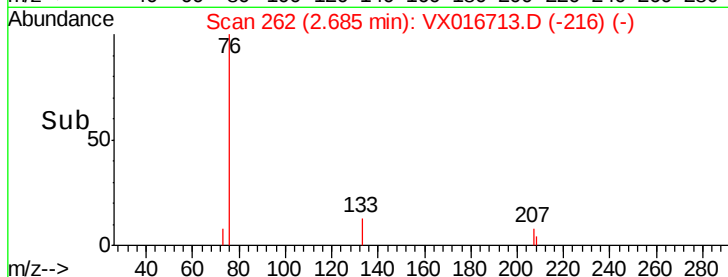
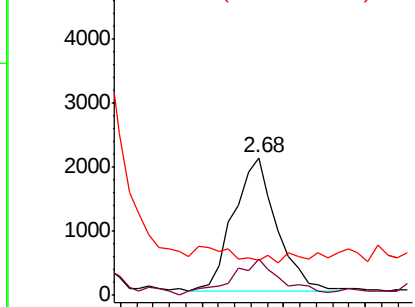
#14
 Allyl chloride
 Concen: 1.055 ug/l
 RT: 2.68 min Scan# 262
 Delta R.T. -0.02 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

Instrument :
 MSVOA_X
 ClientSampled :
 I-OC-2

Tgt Ion: 41 Resp: 3861
 Ion Ratio Lower Upper
 41 100
 39 31.3 47.7 71.5#
 76 0.0 26.6 40.0#

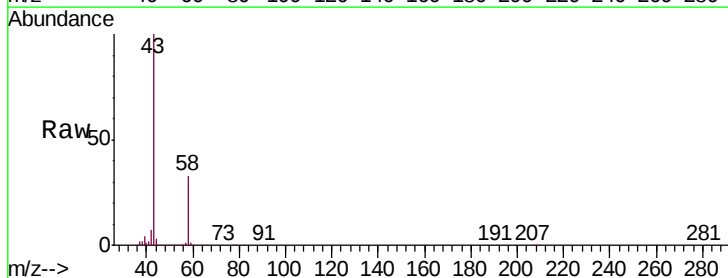


Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0
 Ion 75.90 (75.60 to 76.60): VX0

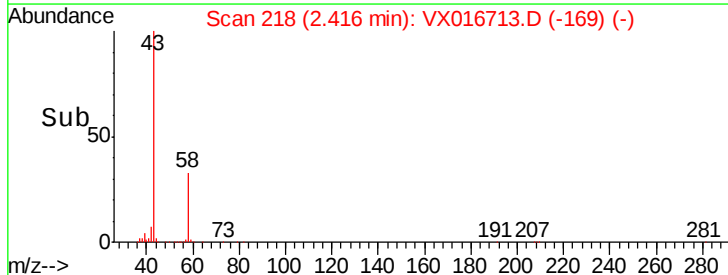
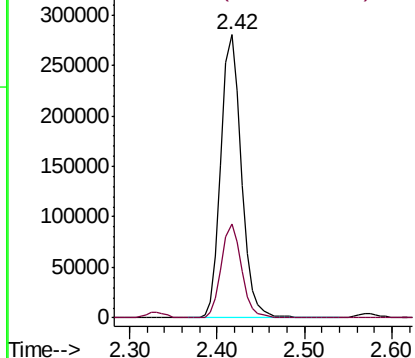


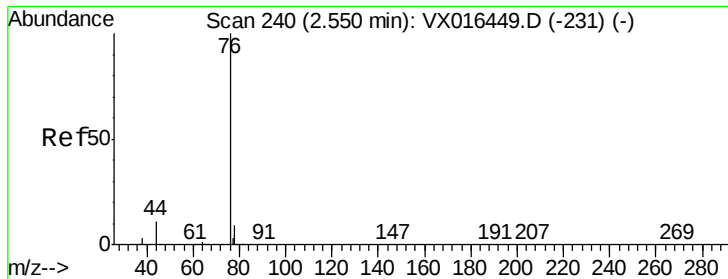
#16
 Acetone
 Concen: 406.627 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

Tgt Ion: 43 Resp: 457370
 Ion Ratio Lower Upper
 43 100
 58 32.9 26.1 39.1



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

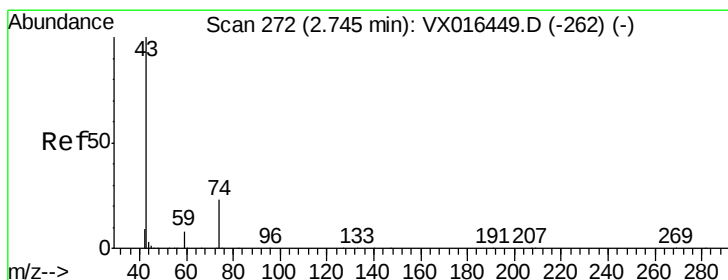
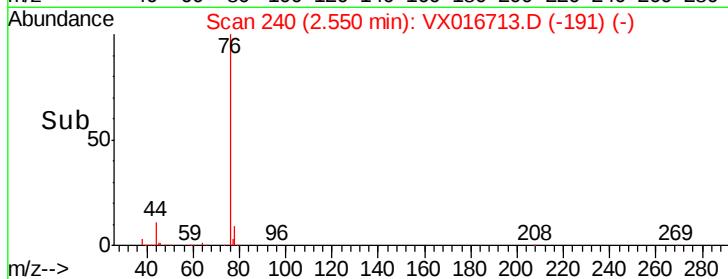
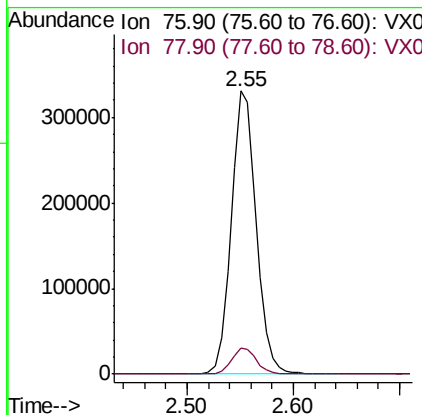
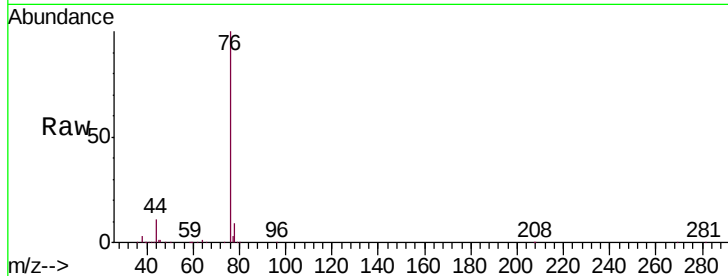




#17
Carbon Disulfide
Concen: 91.584 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

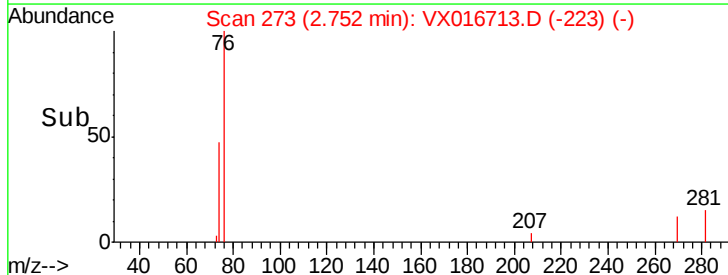
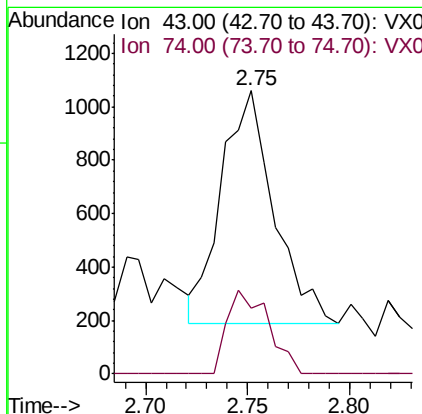
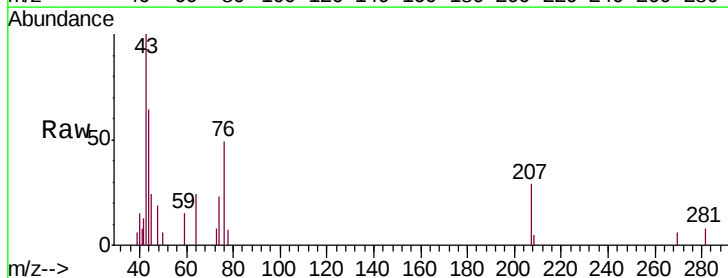
Instrument :
MSVOA_X
ClientSampled :
I-OC-2

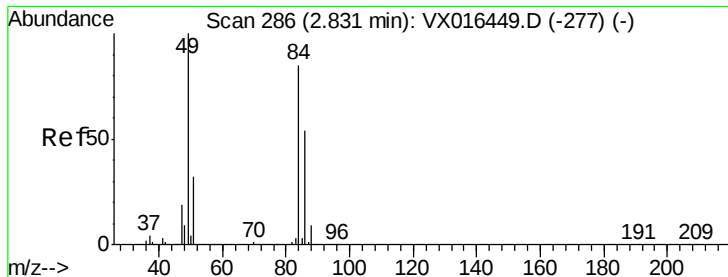
Tgt Ion: 76 Resp: 540997
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 0.541 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
74 28.0 19.7 29.5

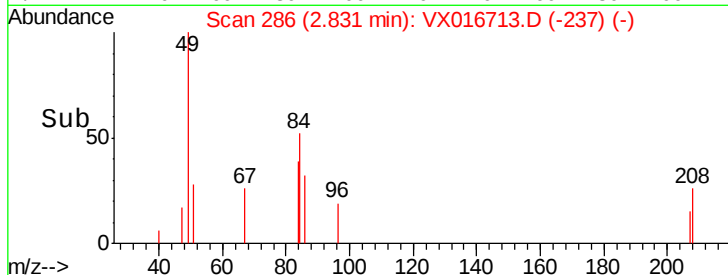
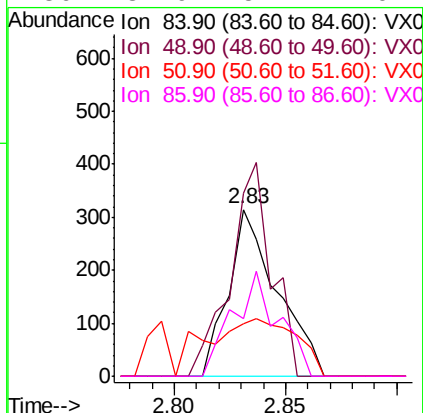
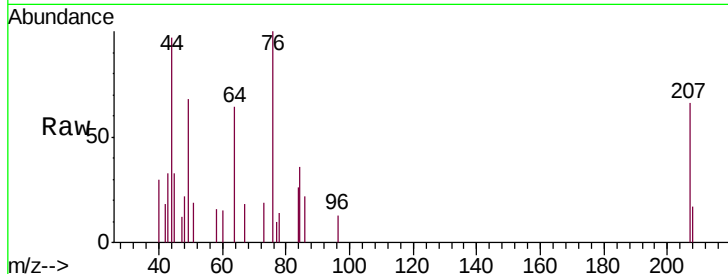




#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

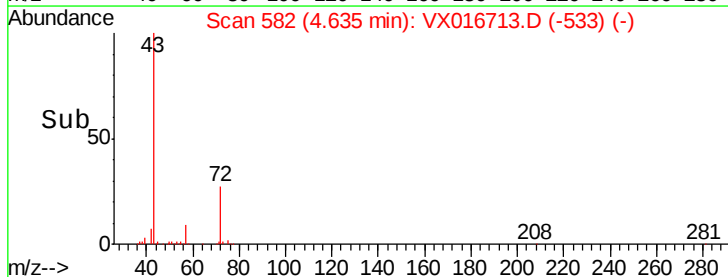
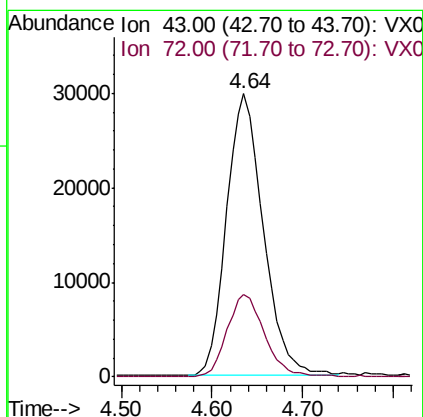
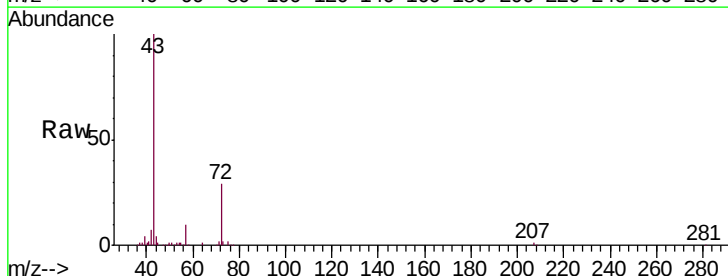
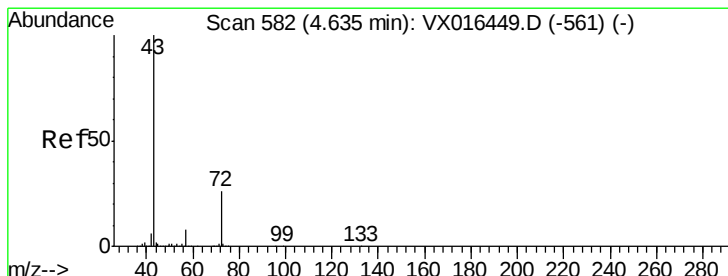
Instrument :
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ClientSampled :
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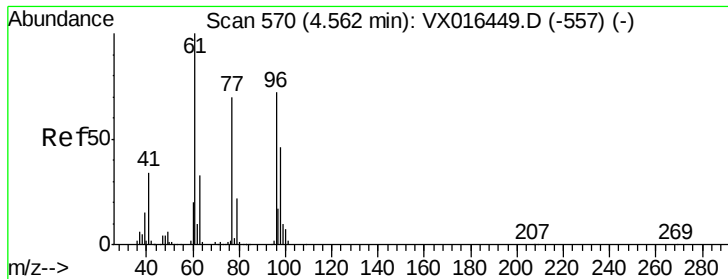
Tgt Ion: 84 Resp: 480
Ion Ratio Lower Upper
84 100
49 109.5 94.5 141.7
51 31.1 30.2 45.4
86 34.9 51.1 76.7#



#25
2-Butanone
Concen: 44.029 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 43 Resp: 83915
Ion Ratio Lower Upper
43 100
72 29.2 21.0 31.6



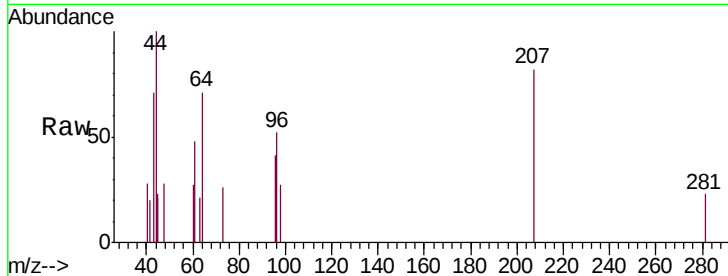


#27

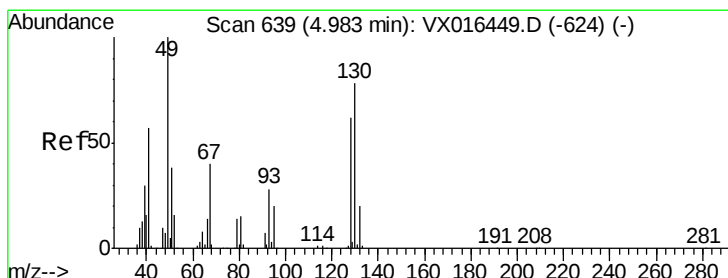
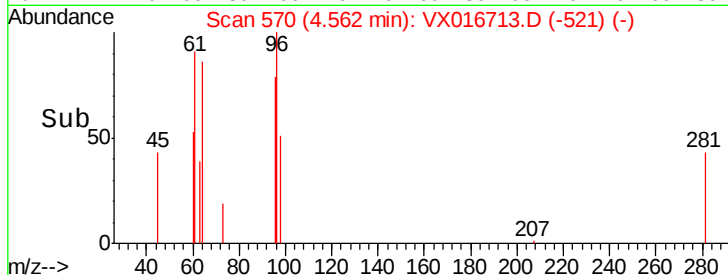
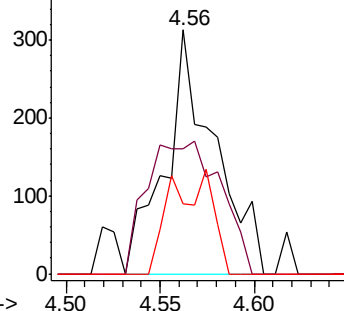
cis-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
I-OC-2

Tgt Ion: 96 Resp: 565
Ion Ratio Lower Upper
96 100
61 81.6 0.0 284.6
98 35.9 0.0 127.2



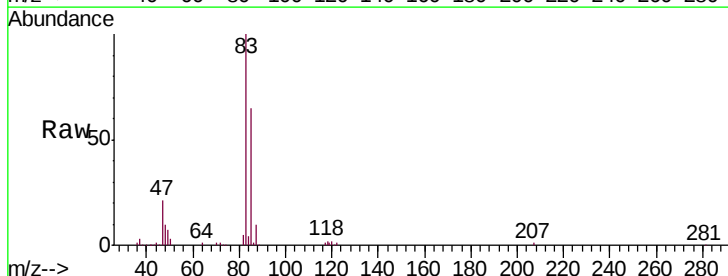
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



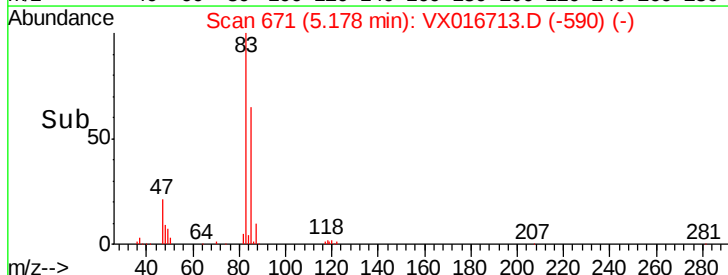
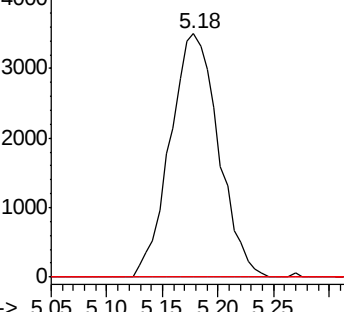
#28

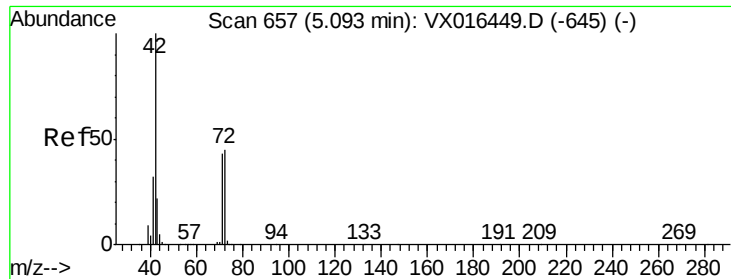
Bromochloromethane
Concen: 5.736 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.20 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 49 Resp: 10572
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 63.0 94.4#



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

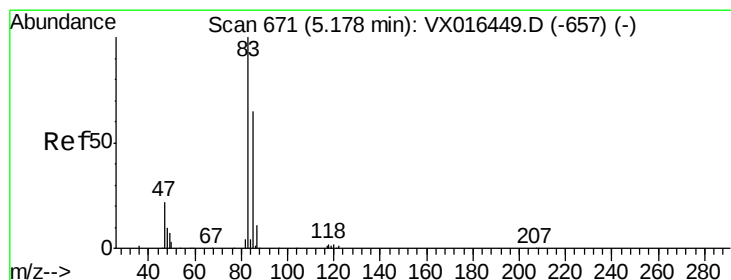
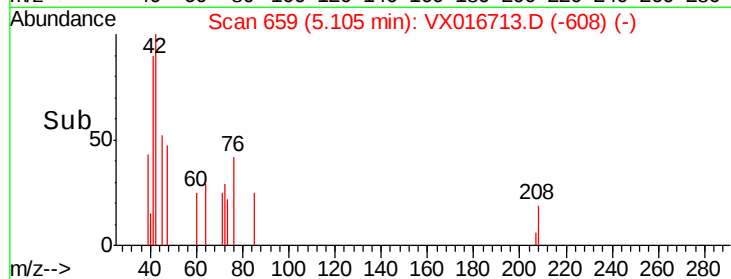
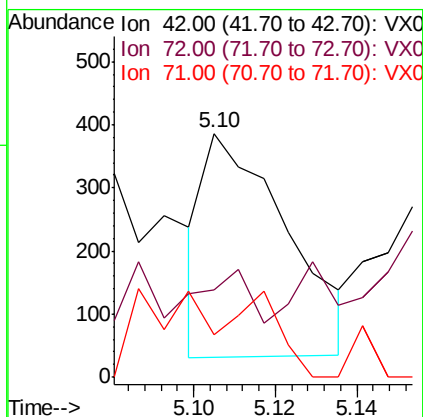
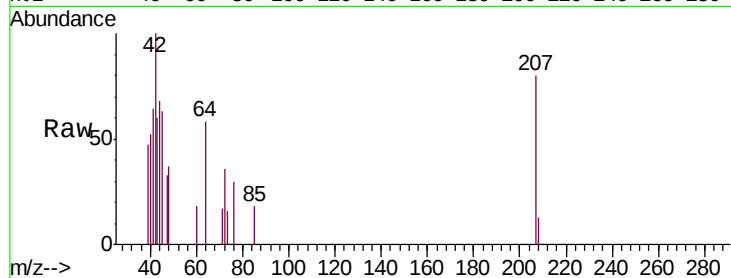




#29
Tetrahydrofuran
Concen: 0.407 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

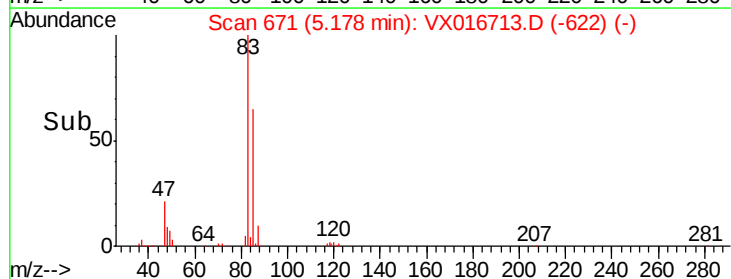
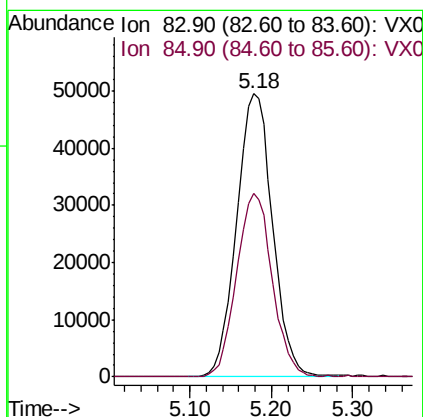
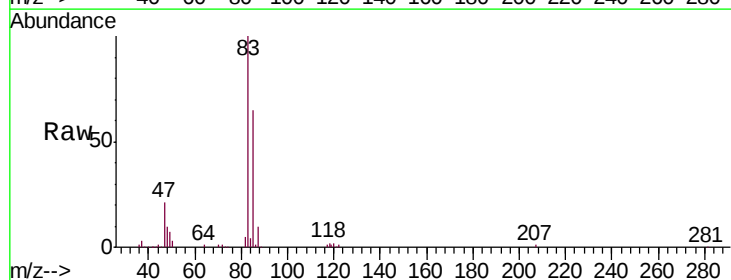
Instrument :
MSVOA_X
ClientSampled :
I-OC-2

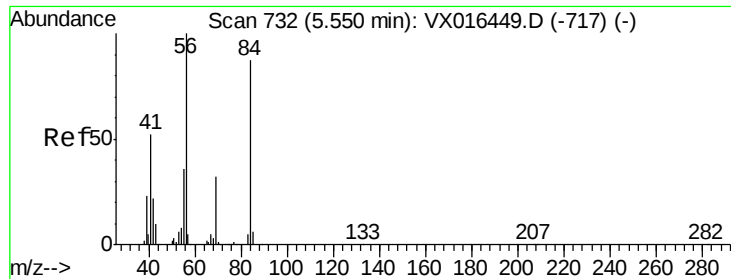
Tgt Ion: 42 Resp: 501
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 0.0 34.1 51.1#



#30
Chloroform
Concen: 37.906 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 83 Resp: 151494
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0

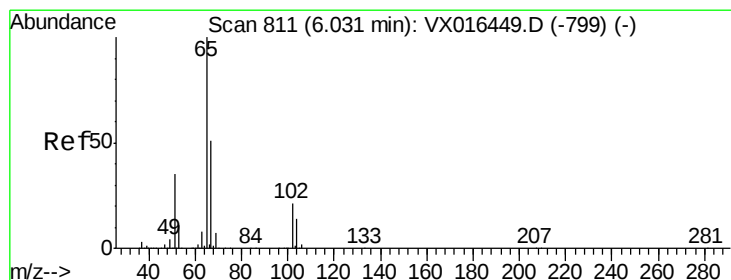
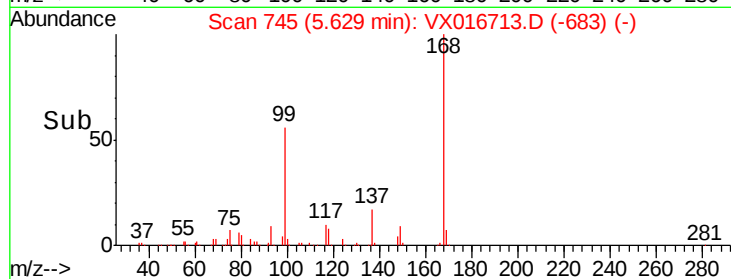
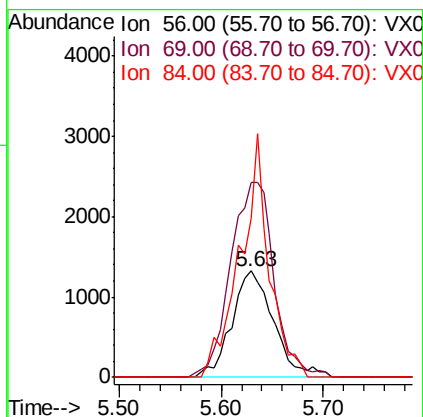
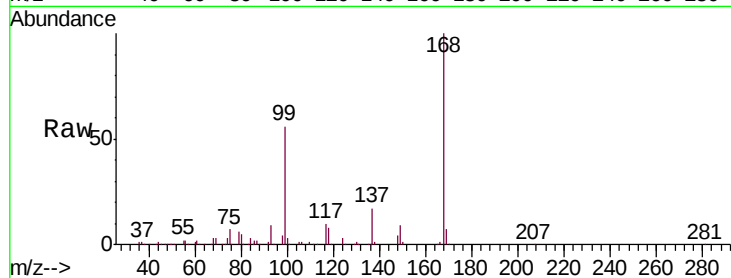




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

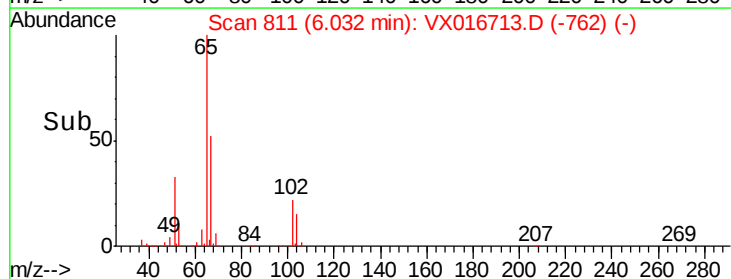
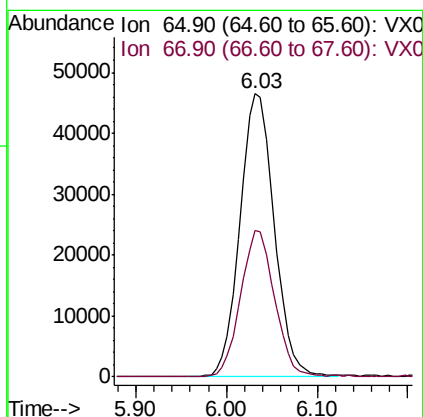
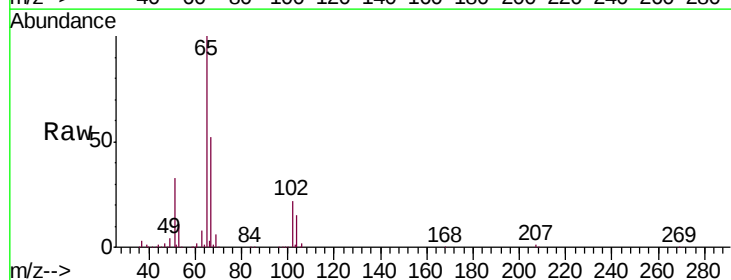
Instrument :
MSVOA_X
ClientSampleId :
I-OC-2

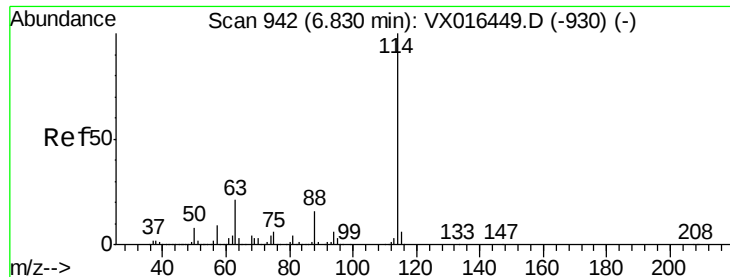
Tgt Ion: 56 Resp: 3768
Ion Ratio Lower Upper
56 100
69 183.3 25.7 38.5#
84 150.2 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.562 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 65 Resp: 122106
Ion Ratio Lower Upper
65 100
67 51.2 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: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2

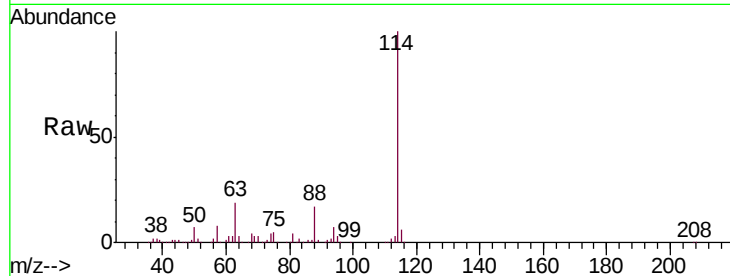
Tgt Ion:114 Resp: 327282

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

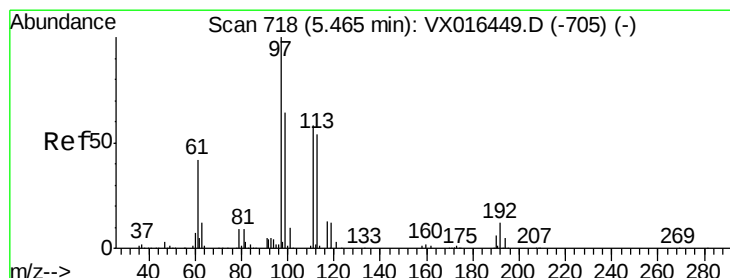
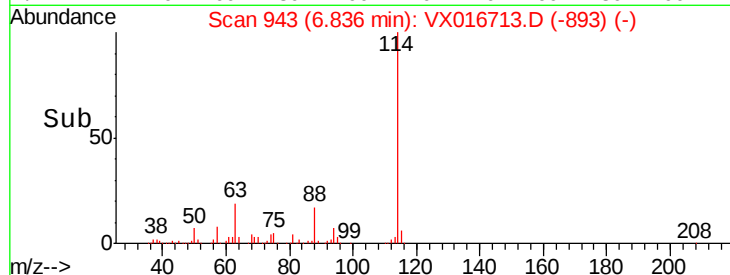
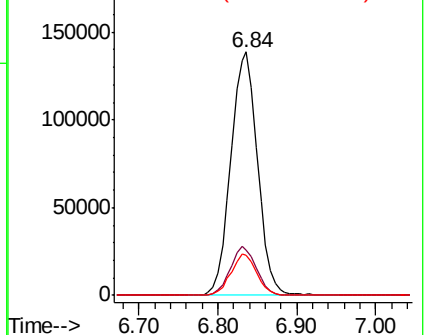
88 16.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.708 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

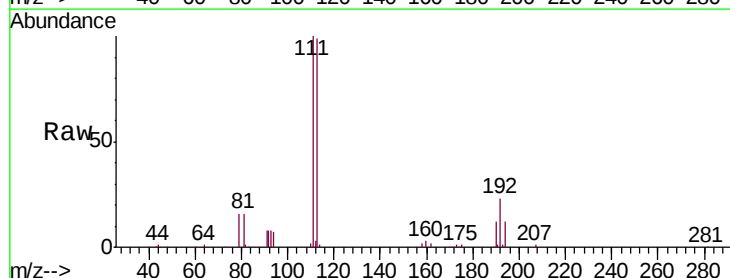
Tgt Ion:113 Resp: 102188

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

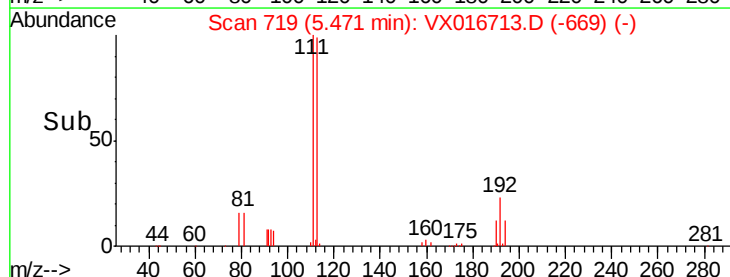
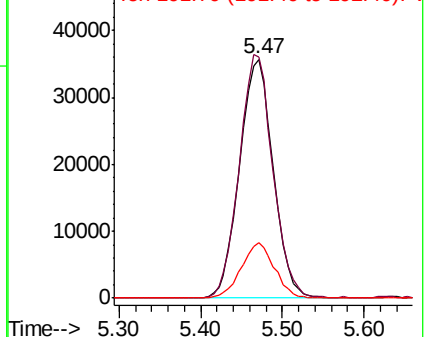
192 22.8 17.7 26.5

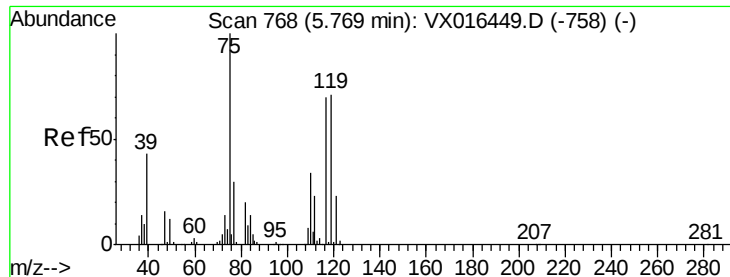


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

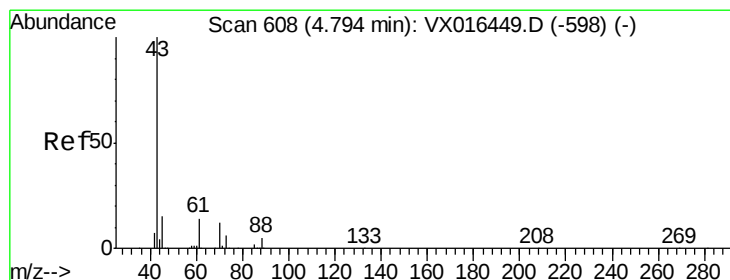
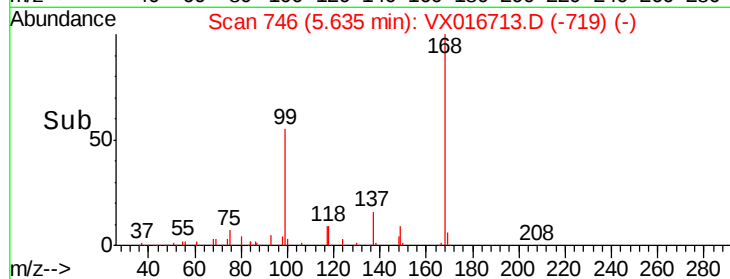
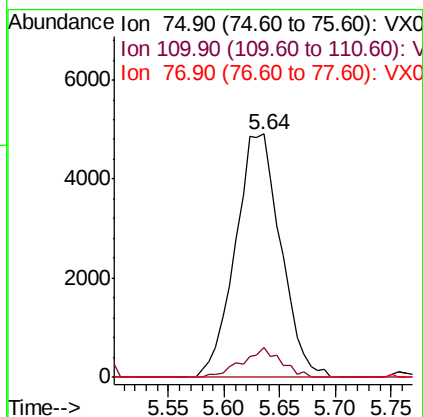
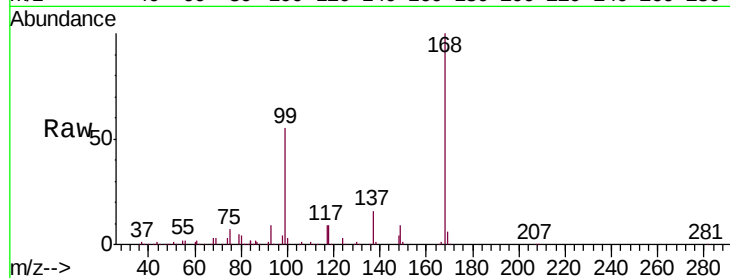




#36
 1,1-Dichloropropene
 Concen: 4.498 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

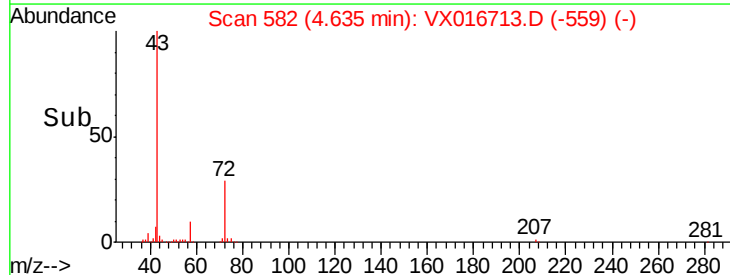
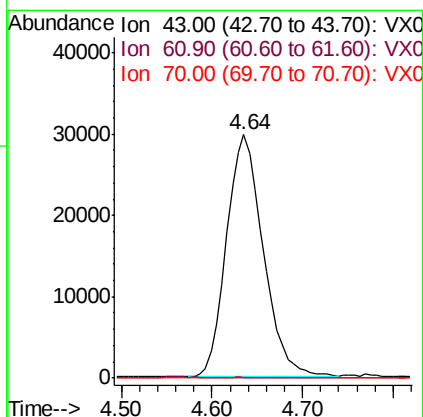
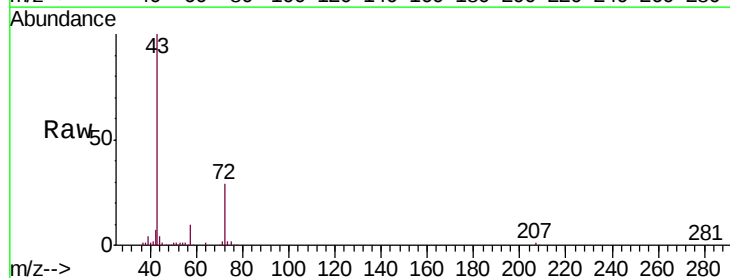
Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-2

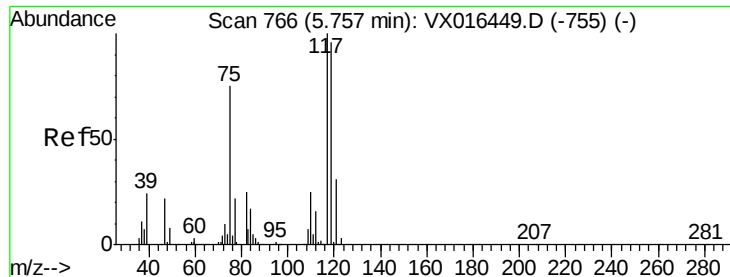
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.4	52.3#
77	0.0	24.2	36.4#



#37
 Ethyl Acetate
 Concen: 22.556 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.16 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.3	9.3	13.9#





#38

Carbon Tetrachloride

Concen: 5.971 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2

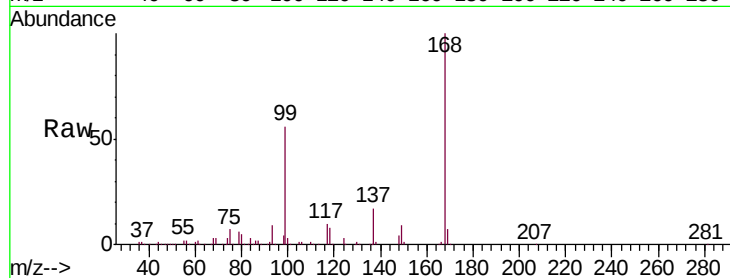
Tgt Ion:117 Resp: 19444

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

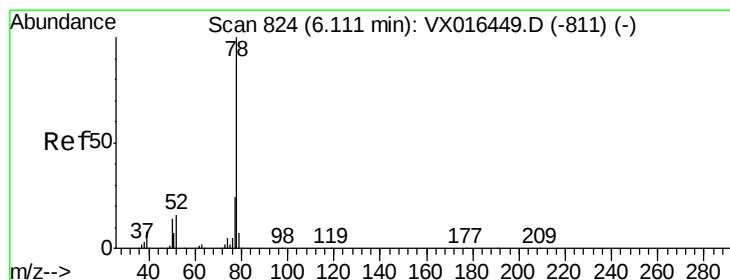
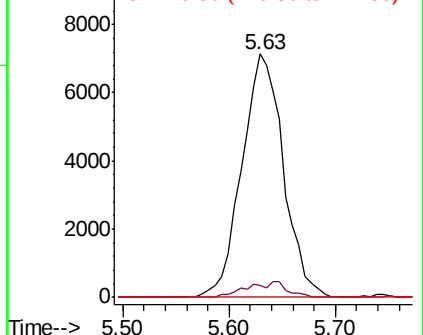
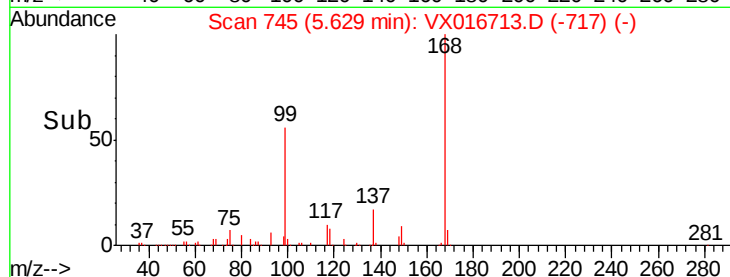
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 14.620 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016713.D

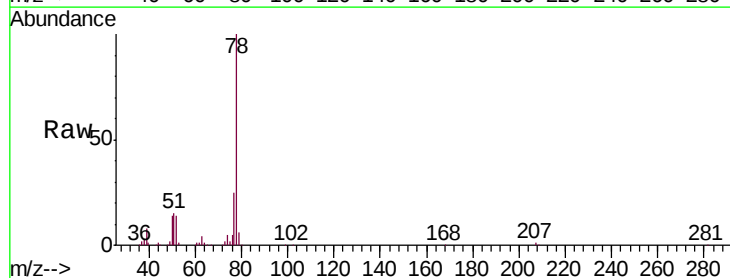
Acq: 11 Jun 2020 18:36

Tgt Ion: 78 Resp: 134914

Ion Ratio Lower Upper

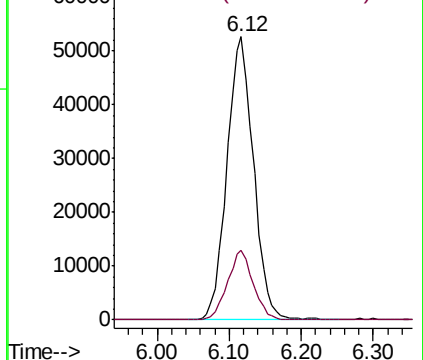
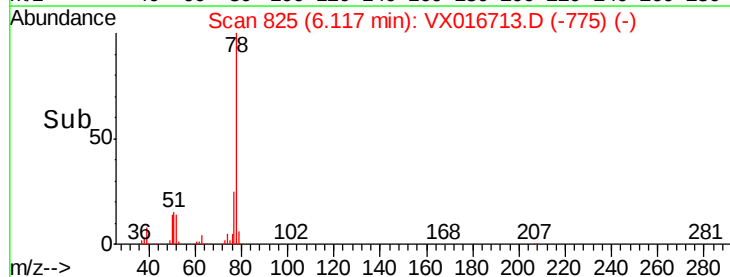
78 100

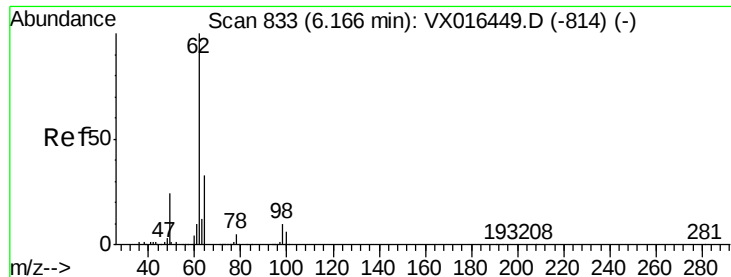
77 24.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.449 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.05 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

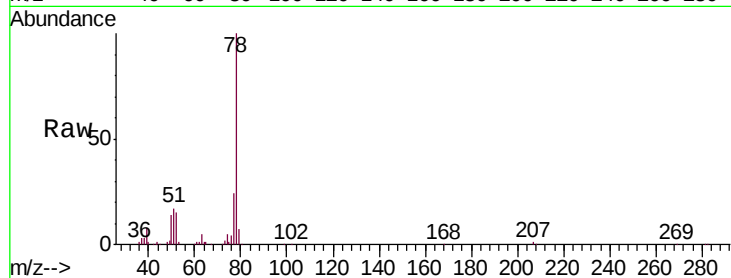
I-OC-2

Tgt Ion: 62 Resp: 1475

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



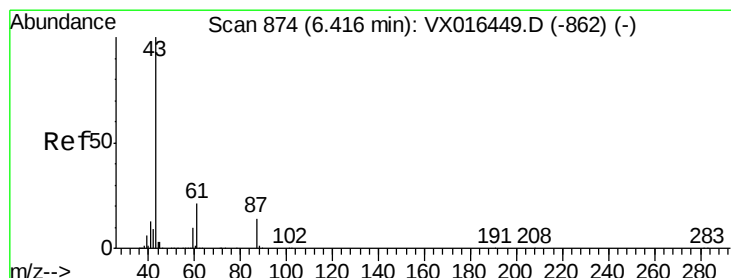
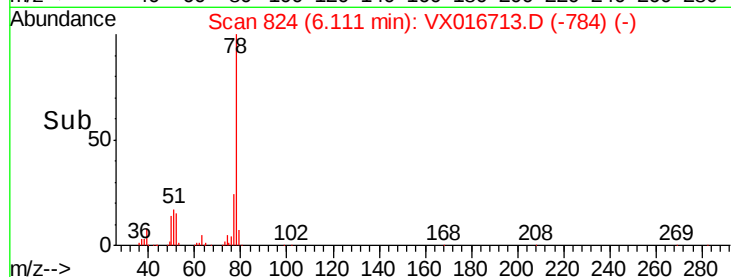
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.11

6.05 6.10 6.15 6.20

Time-->



#43

Isopropyl Acetate

Concen: 0.435 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.02 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

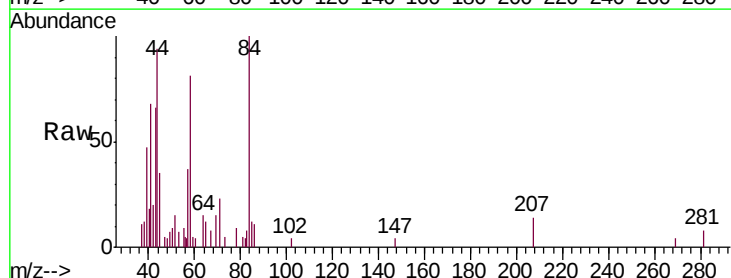
Tgt Ion: 43 Resp: 2523

Ion Ratio Lower Upper

43 100

61 0.0 16.8 25.2#

87 0.0 11.2 16.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

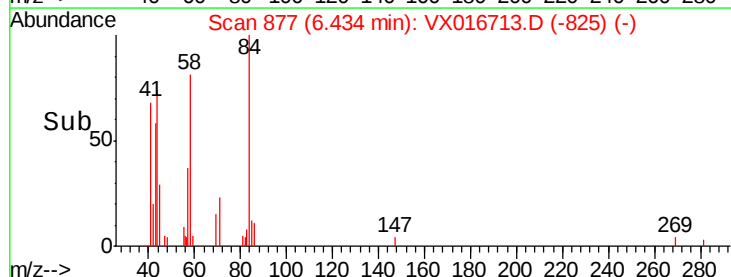
Ion 61.00 (60.70 to 61.70): VX0

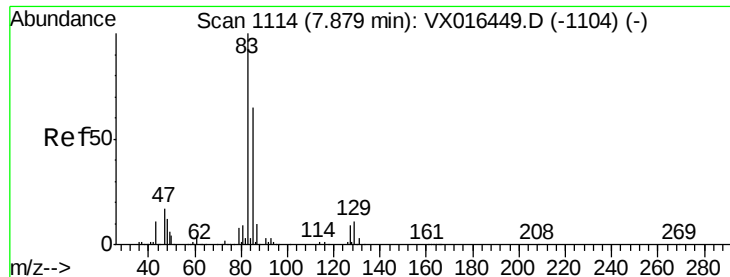
Ion 87.00 (86.70 to 87.70): VX0

6.43

6.35 6.40 6.45 6.50

Time-->





#47

Bromodichloromethane

Concen: 2.944 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2

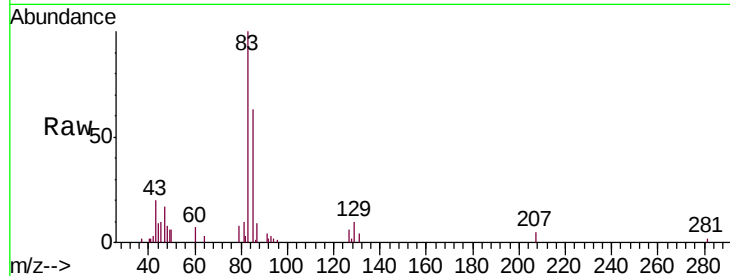
Tgt Ion: 83 Resp: 9619

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

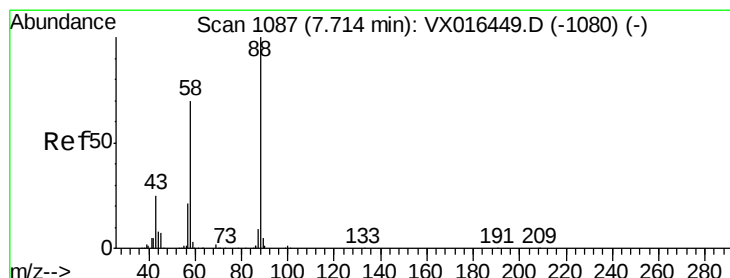
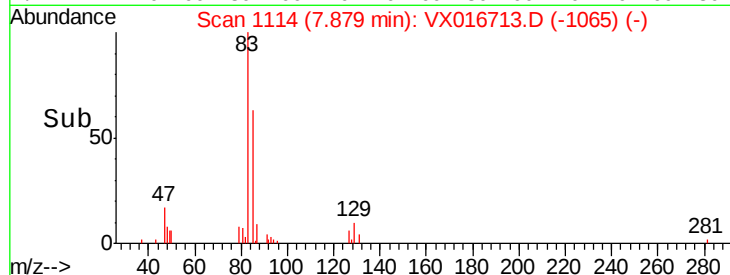
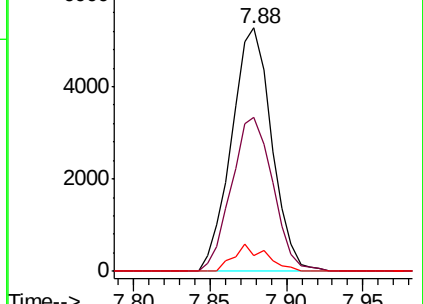
127 6.4 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 0.292 ug/l

RT: 7.93 min Scan# 1123

Delta R.T. 0.22 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

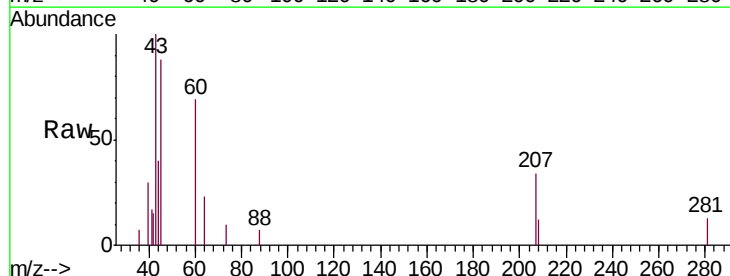
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

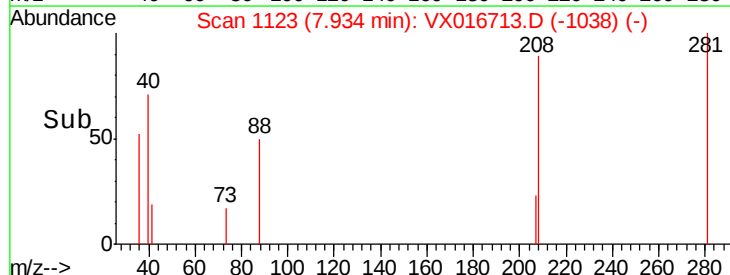
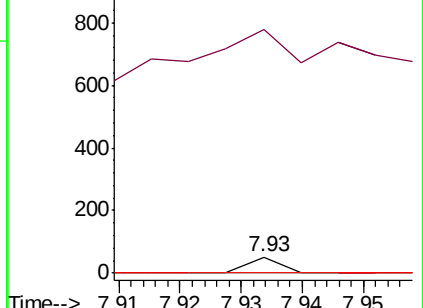
58 0.0 56.5 84.7#

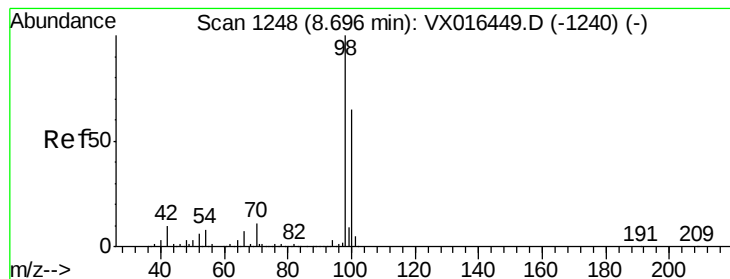


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.158 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

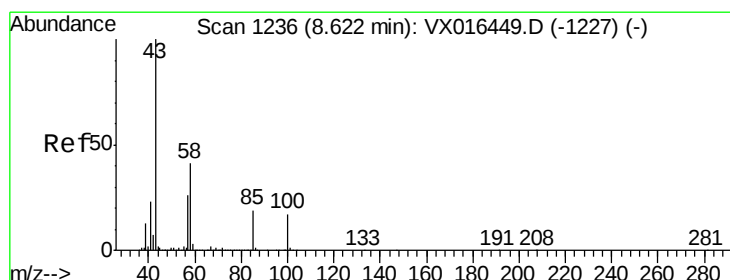
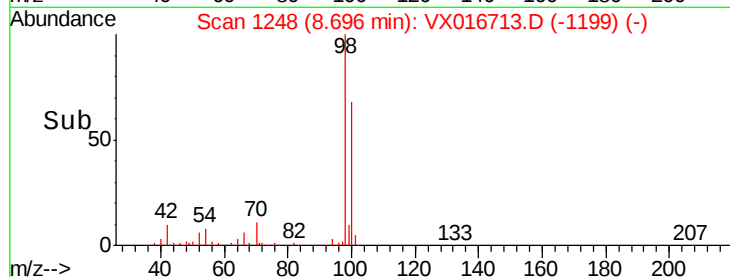
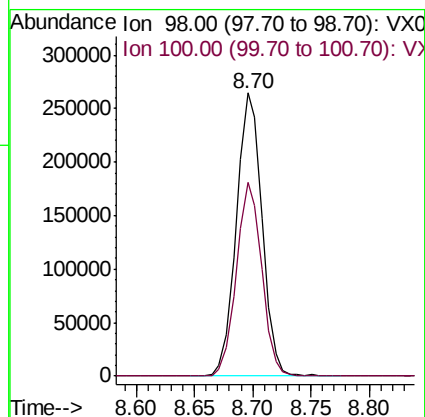
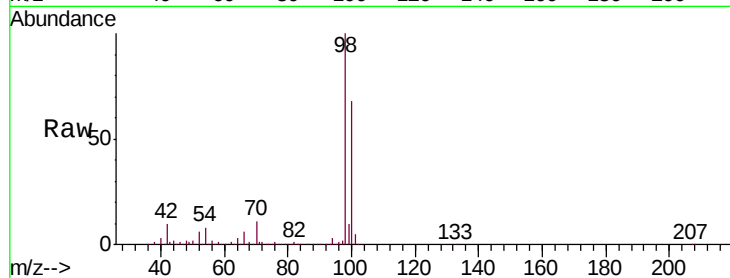
I-OC-2

Tgt Ion: 98 Resp: 409111

Ion Ratio Lower Upper

98 100

100 67.4 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 0.491 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016713.D

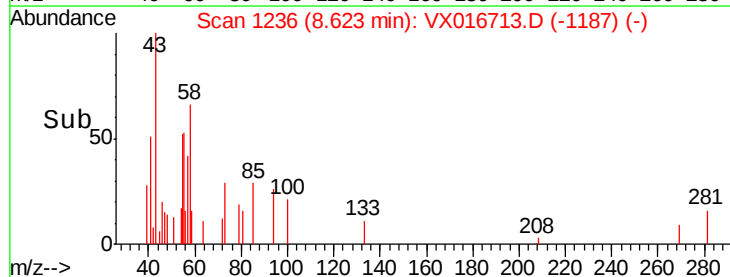
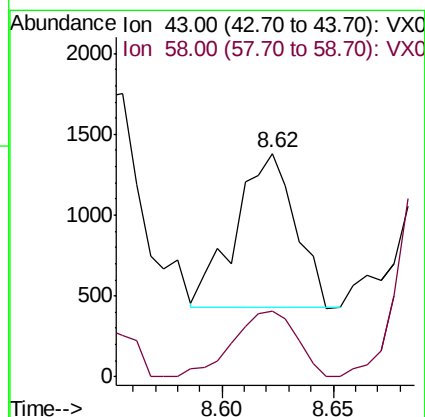
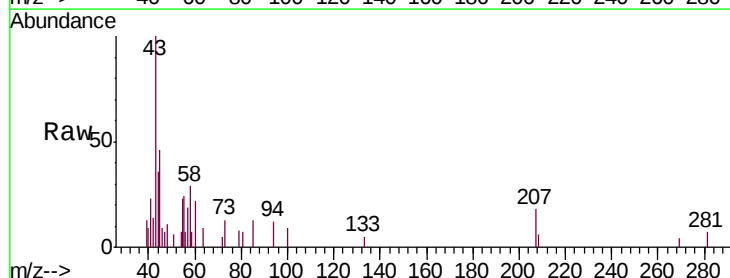
Acq: 11 Jun 2020 18:36

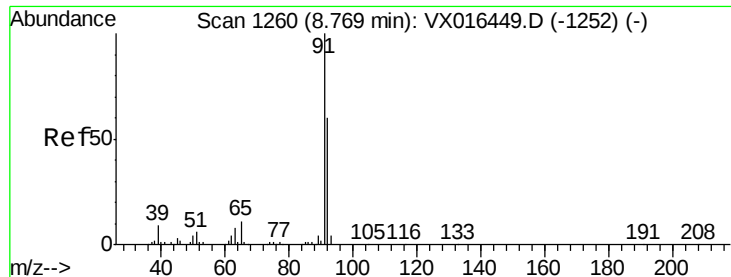
Tgt Ion: 43 Resp: 1775

Ion Ratio Lower Upper

43 100

58 45.2 33.0 49.6





#52

Toluene

Concen: 6.346 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

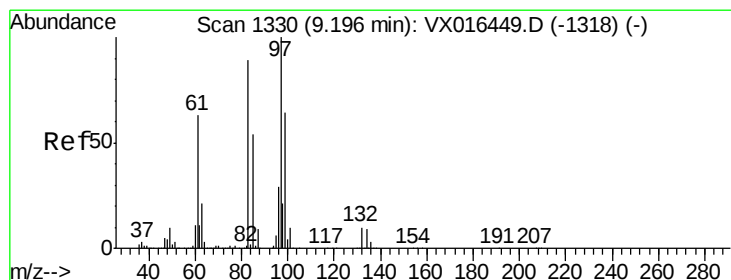
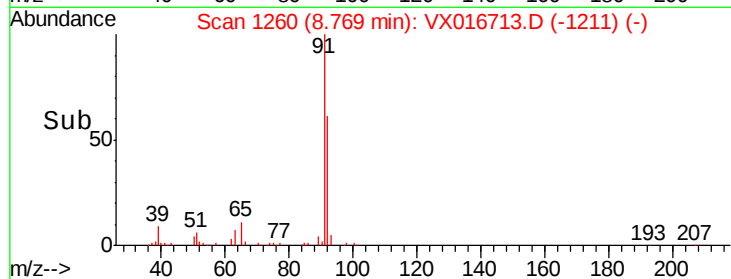
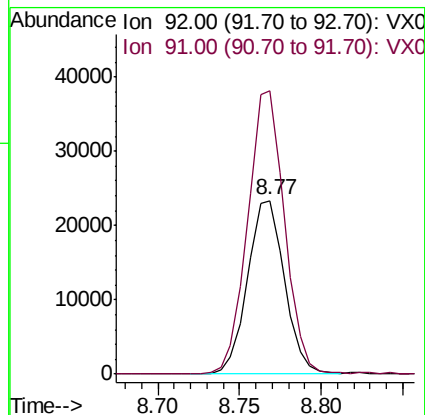
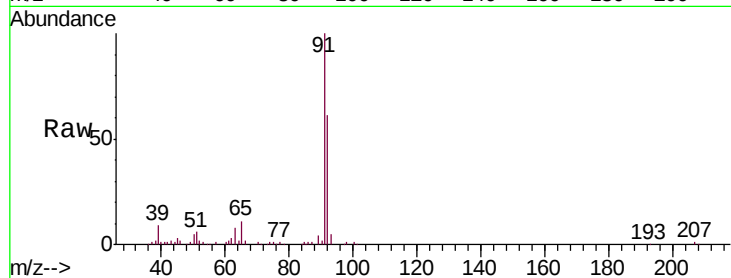
I-OC-2

Tgt Ion: 92 Resp: 36929

Ion Ratio Lower Upper

92 100

91 163.2 135.0 202.4



#55

1,1,2-Trichloroethane

Concen: 6.214 ug/l

RT: 9.06 min Scan# 1307

Delta R.T. -0.14 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Tgt Ion: 97 Resp: 14378

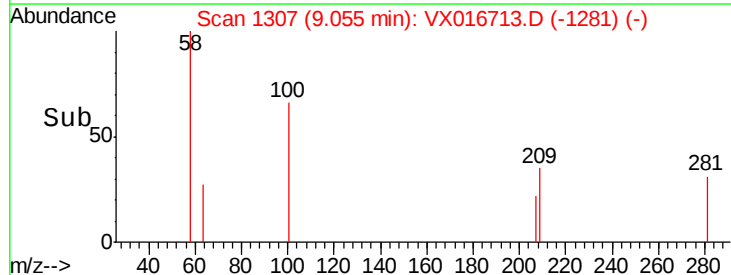
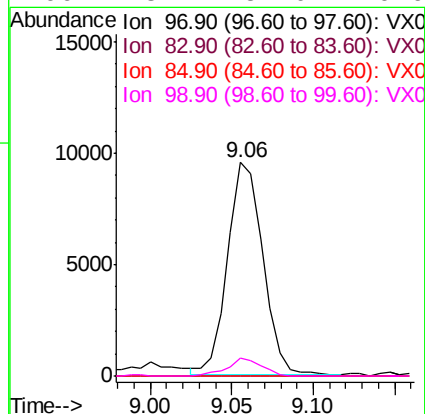
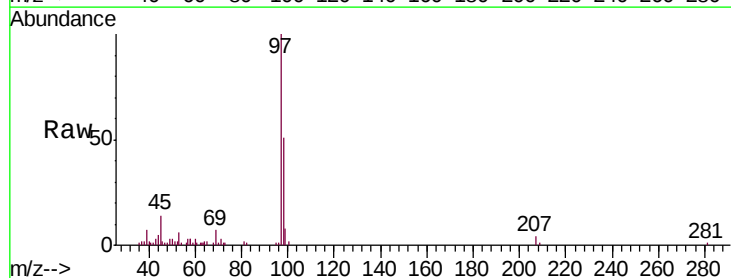
Ion Ratio Lower Upper

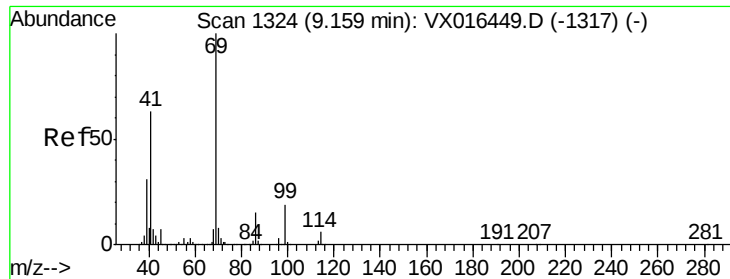
97 100

83 0.0 70.9 106.3#

85 0.0 43.4 65.2#

99 8.2 51.0 76.6#





#56

Ethyl methacrylate

Concen: 0.268 ug/l

RT: 9.06 min Scan# 1307

Delta R.T. -0.10 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2

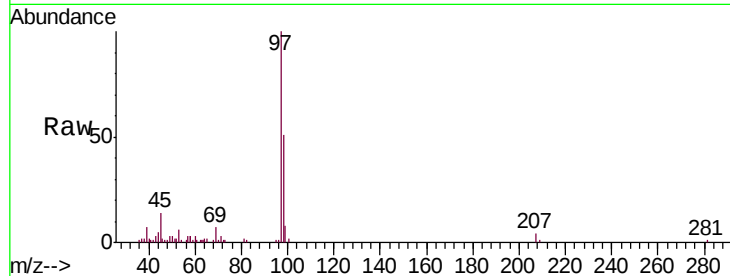
Tgt Ion: 69 Resp: 1009

Ion Ratio Lower Upper

69 100

41 28.5 50.7 76.1#

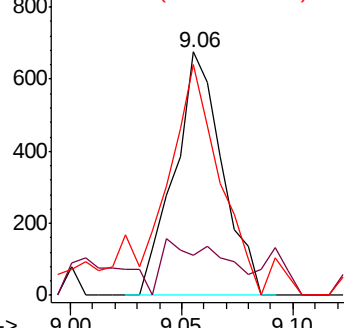
39 109.5 25.8 38.6#



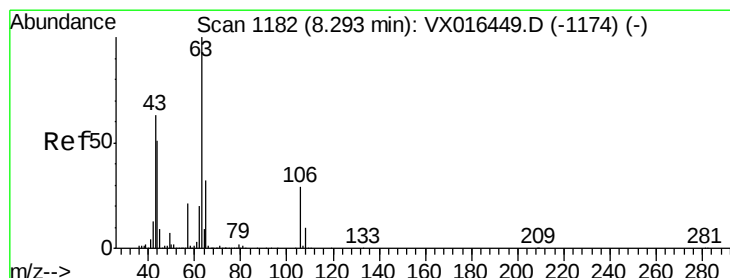
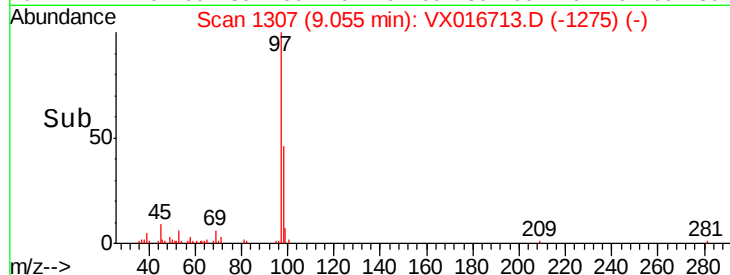
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.252 ug/l

RT: 8.45 min Scan# 1208

Delta R.T. 0.16 min

Lab File: VX016713.D

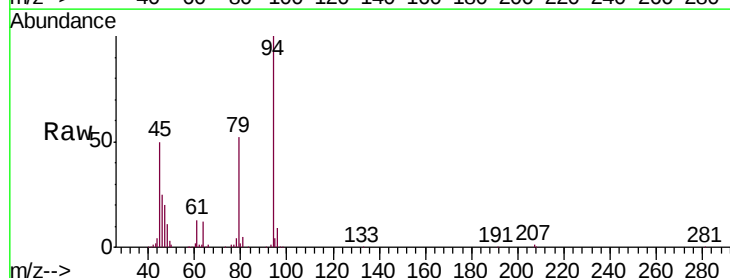
Acq: 11 Jun 2020 18:36

Tgt Ion: 63 Resp: 495

Ion Ratio Lower Upper

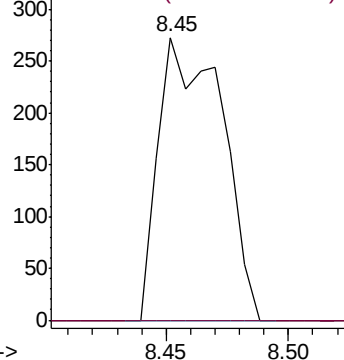
63 100

106 0.0 23.2 34.8#

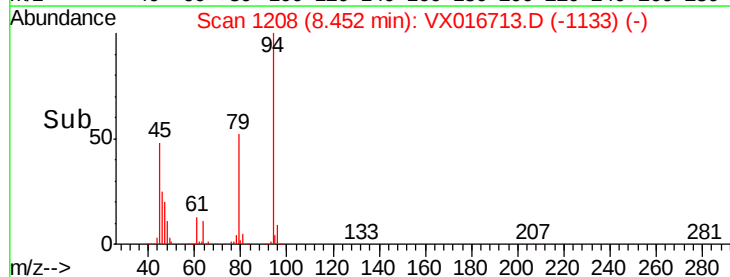


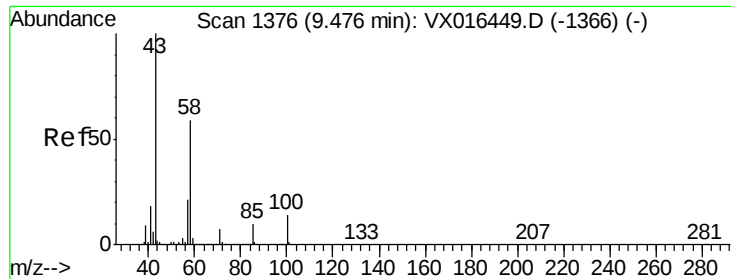
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

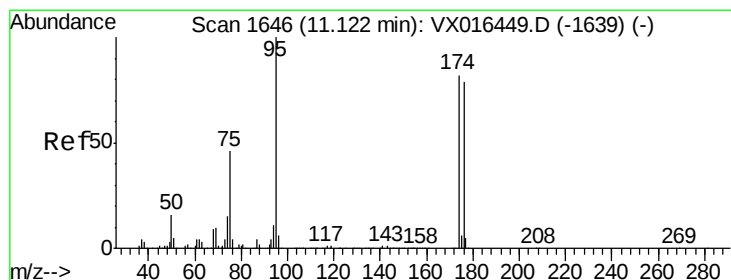
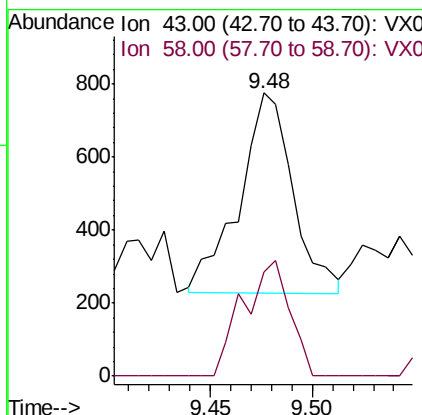
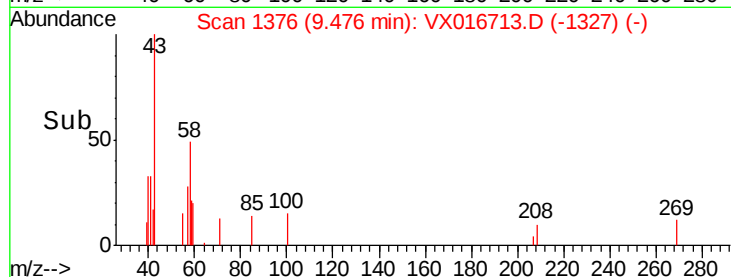
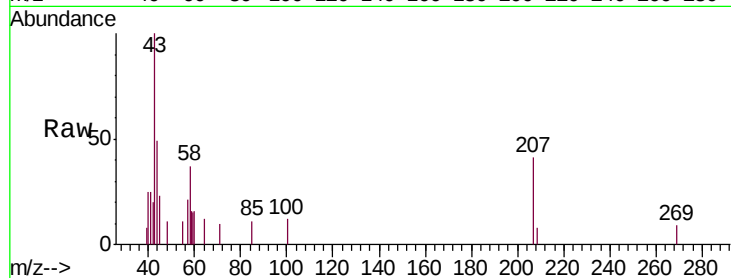




#59
2-Hexanone
Concen: 0.358 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

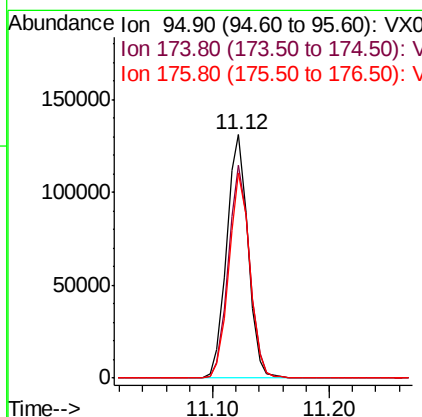
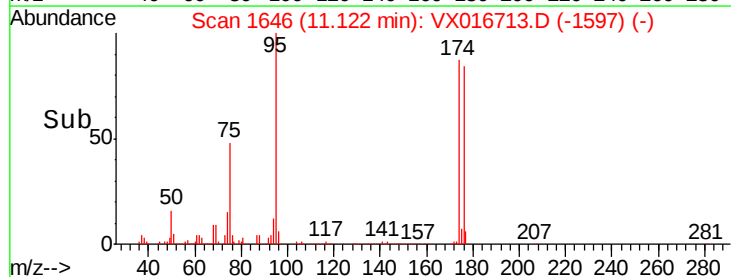
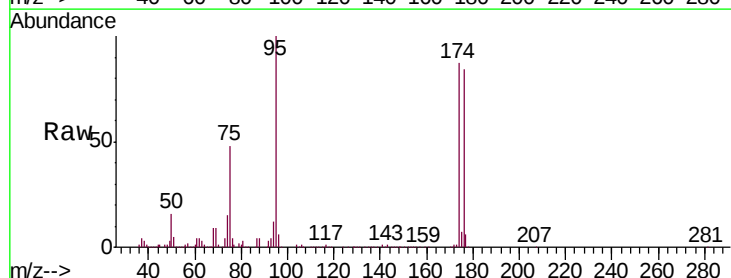
Instrument :
MSVOA_X
ClientSampled :
I-OC-2

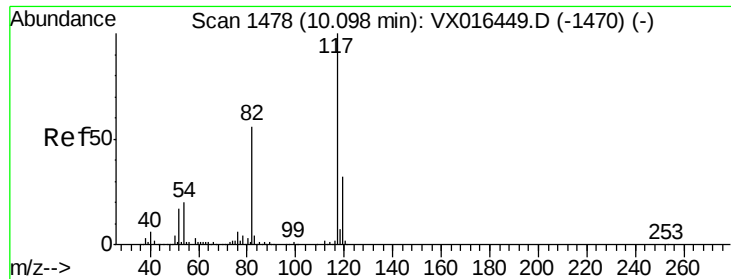
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 50.2 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 54.977 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 95 Resp: 166624
Ion Ratio Lower Upper
95 100
174 87.0 0.0 163.0
176 83.2 0.0 156.8

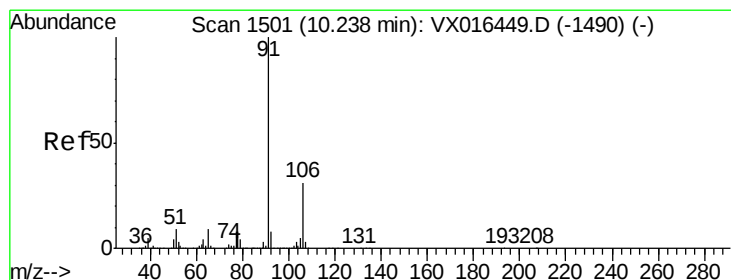
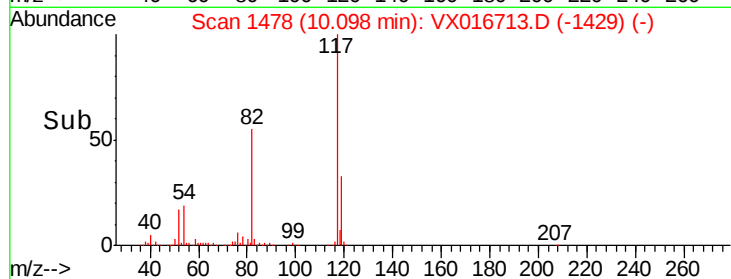
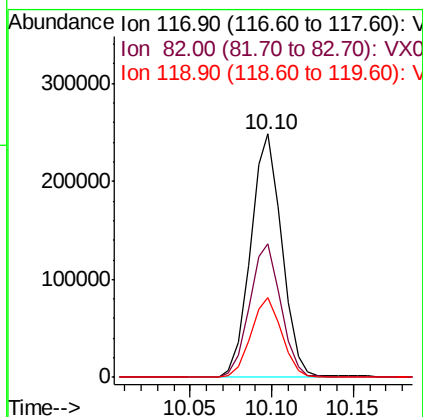
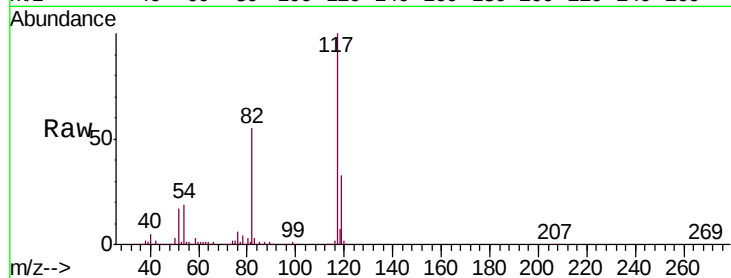




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

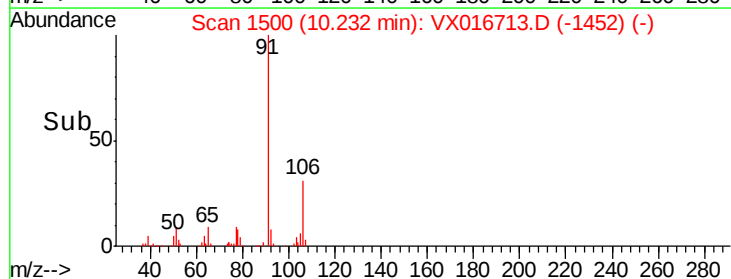
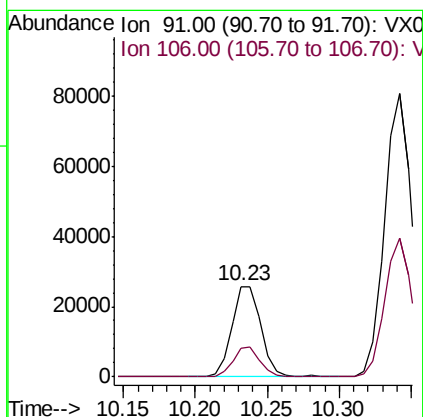
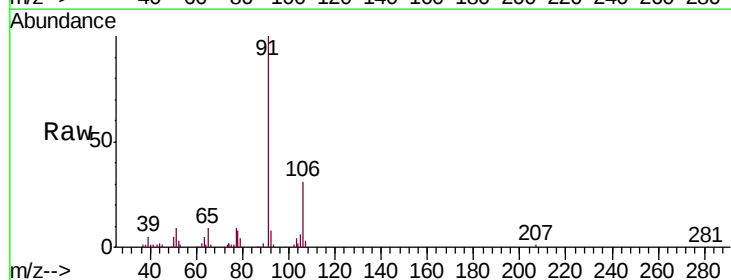
Instrument :
MSVOA_X
ClientSampleId :
I-OC-2

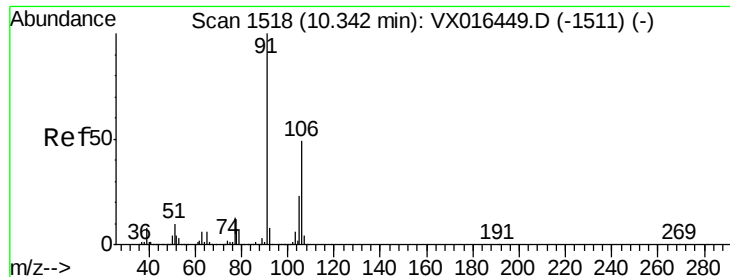
Tgt Ion: 117 Resp: 331518
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 32.8 25.8 38.8



#67
Ethyl Benzene
Concen: 3.040 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion: 91 Resp: 36586
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

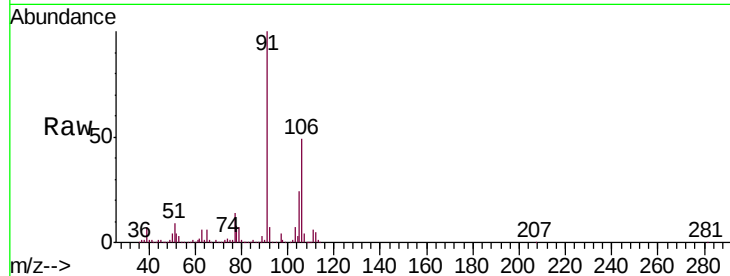




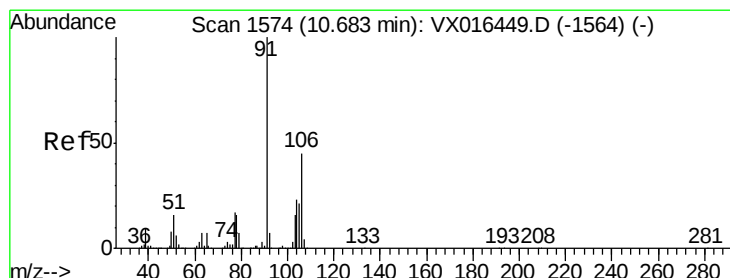
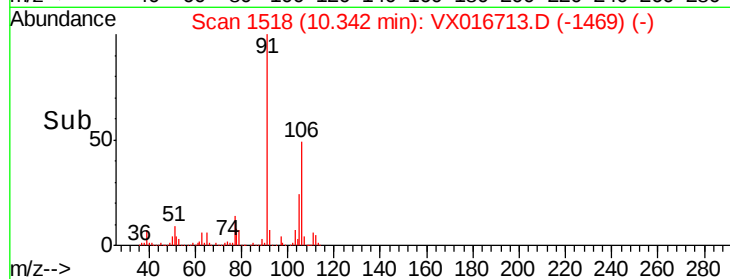
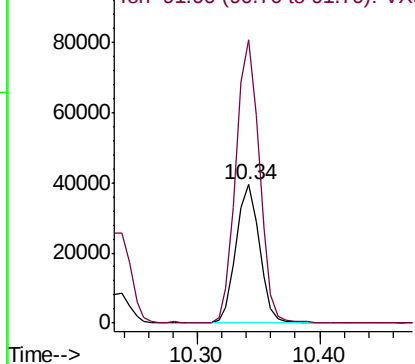
#68
m/p-Xylenes
Concen: 11.797 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
I-OC-2

Tgt Ion:106 Resp: 52635
Ion Ratio Lower Upper
106 100
91 204.4 163.8 245.8

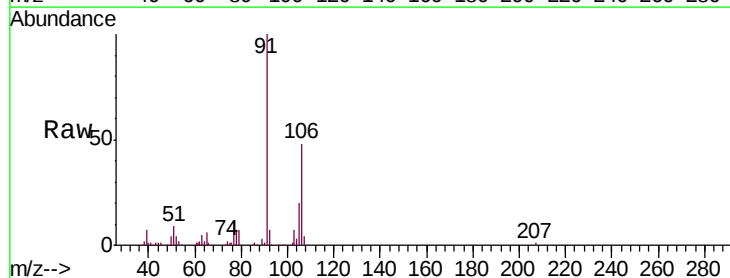


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

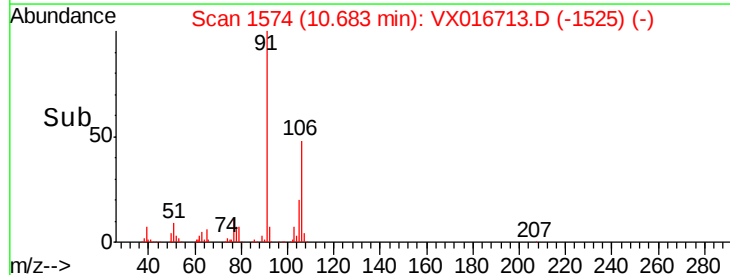
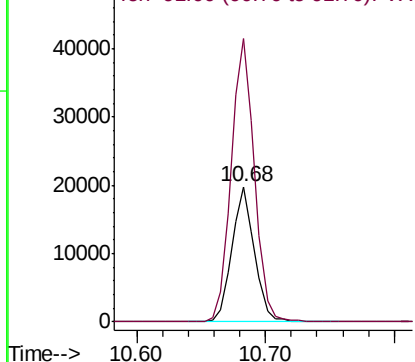


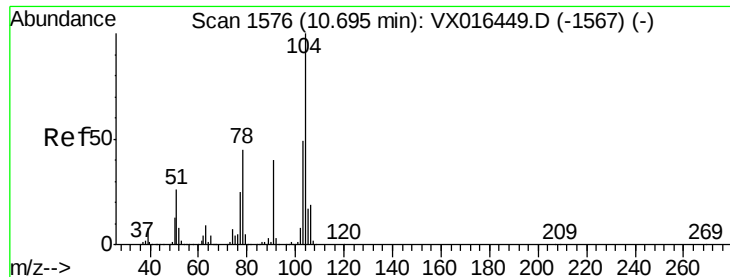
#69
o-Xylene
Concen: 5.604 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion:106 Resp: 24213
Ion Ratio Lower Upper
106 100
91 216.1 109.6 328.8



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





#70

Styrene

Concen: 0.277 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

I-OC-2

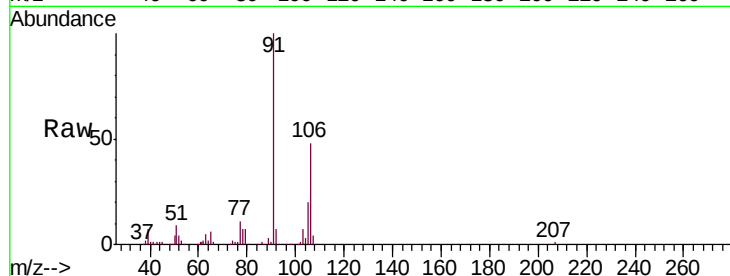
Tgt Ion:104 Resp: 2060

Ion Ratio Lower Upper

104 100

78 188.3 40.2 60.2#

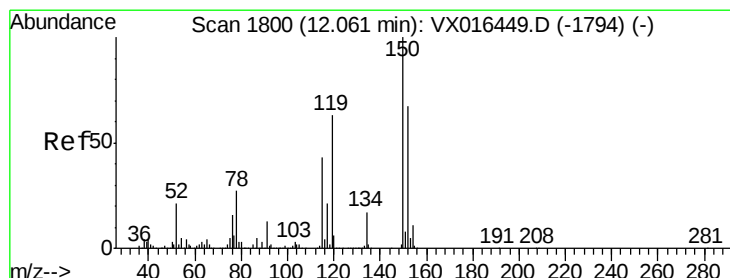
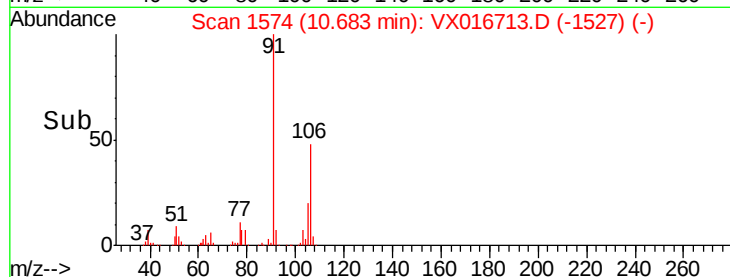
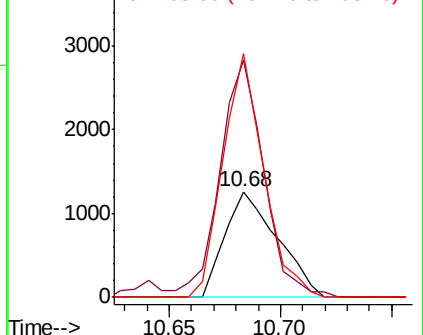
103 179.4 43.1 64.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

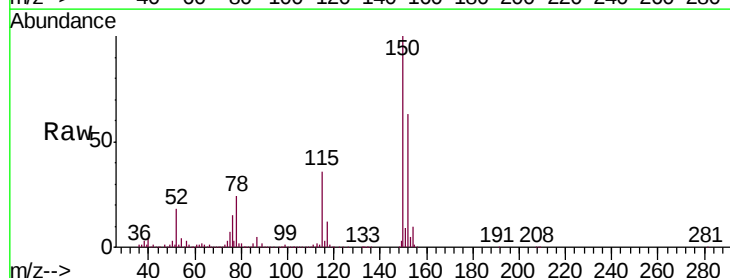
Tgt Ion:152 Resp: 180133

Ion Ratio Lower Upper

152 100

115 57.8 39.9 119.6

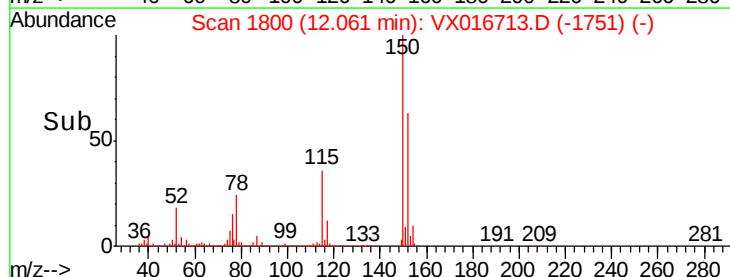
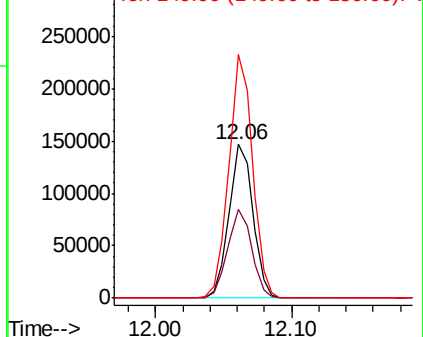
150 156.5 0.0 341.0

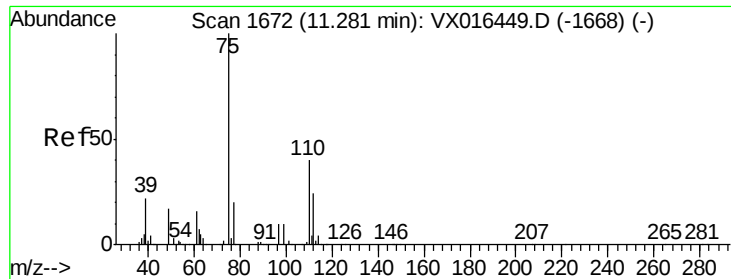


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

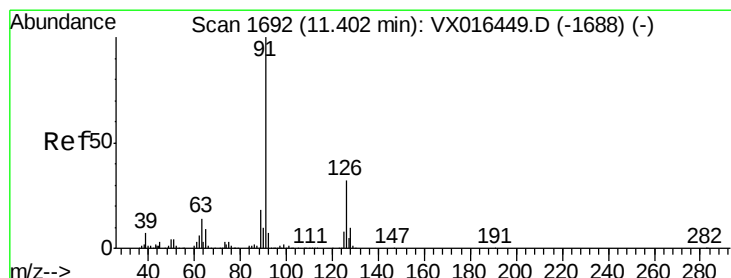
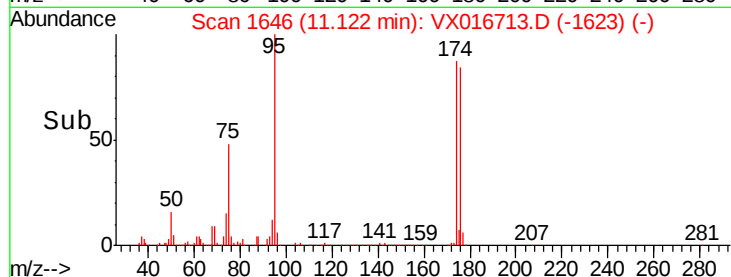
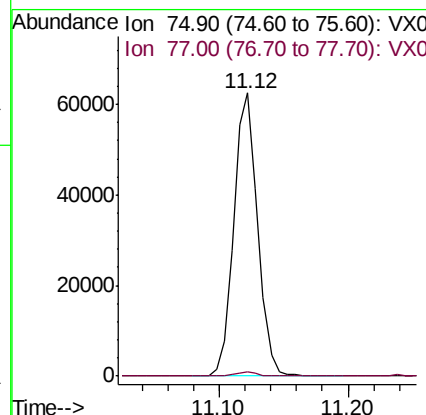
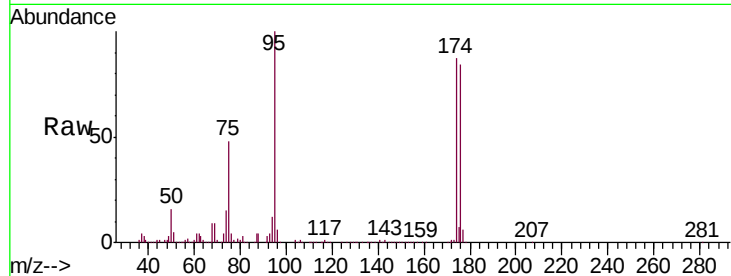




#76
 1,2,3-Trichloropropane
 Concen: 20.392 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

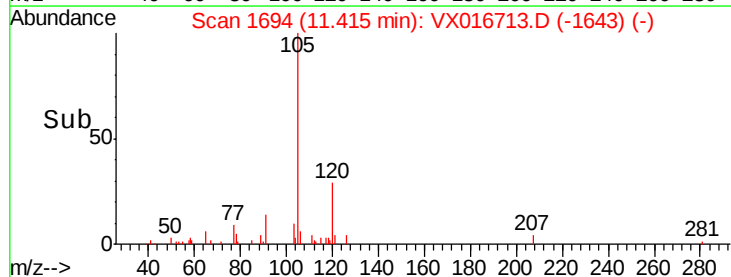
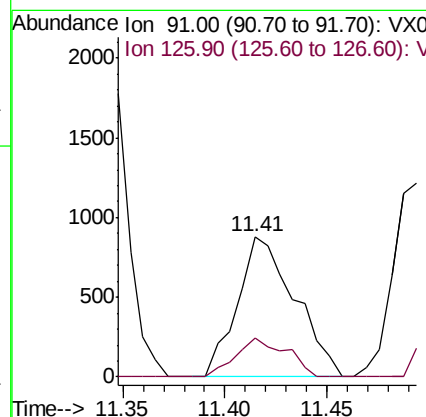
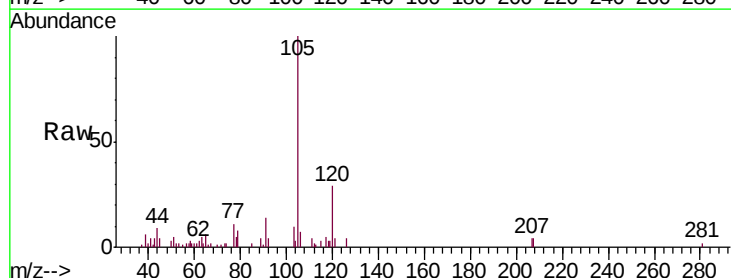
Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-2

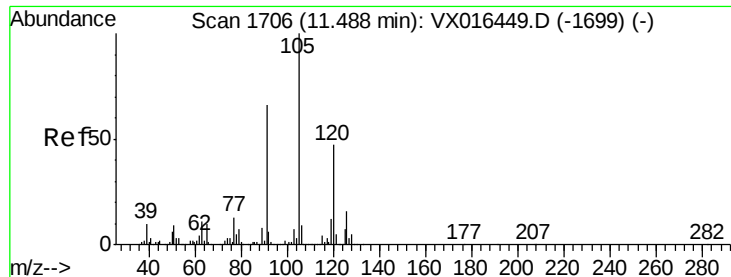
Tgt Ion: 75 Resp: 80742
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.3 63.7#



#79
 2-Chlorotoluene
 Concen: 0.203 ug/l
 RT: 11.41 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

Tgt Ion: 91 Resp: 1724
 Ion Ratio Lower Upper
 91 100
 126 24.4 16.8 50.3

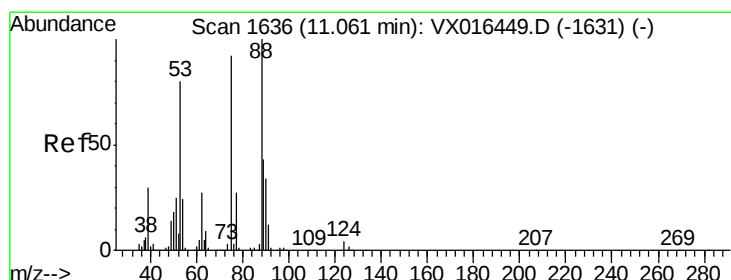
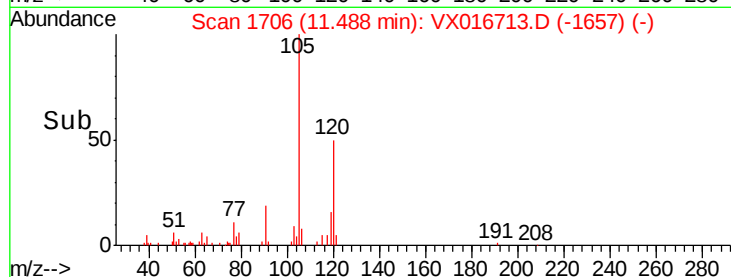
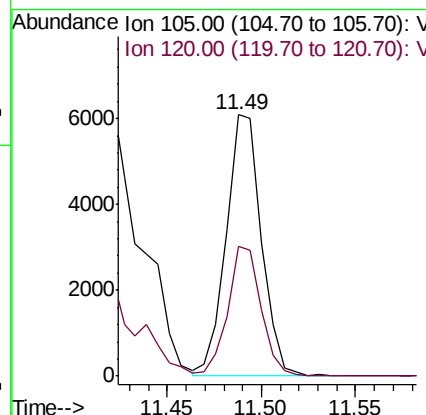
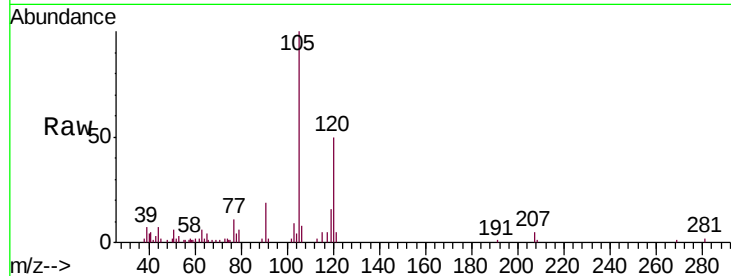




#80
 1,3,5-Trimethylbenzene
 Concen: 0.759 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

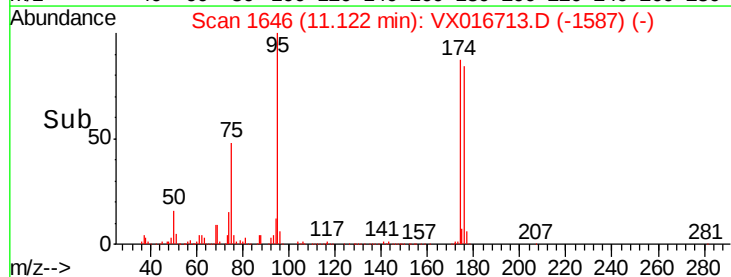
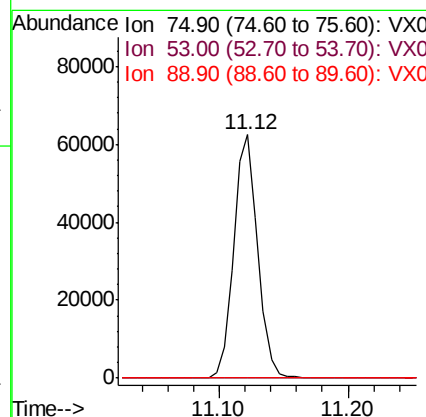
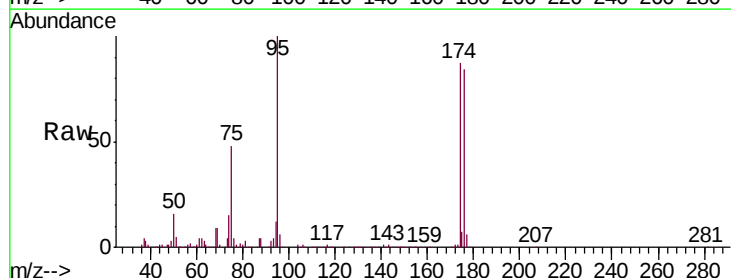
Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-2

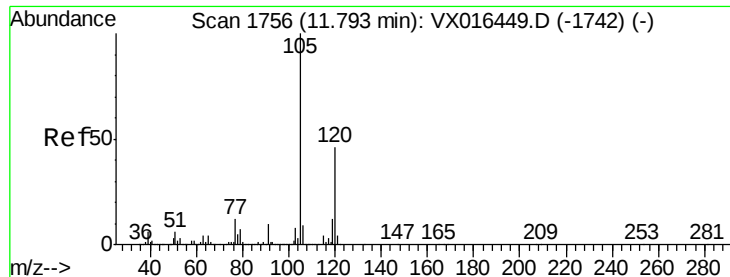
Tgt Ion: 105 Resp: 7908
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.162 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

Tgt Ion: 75 Resp: 80742
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.1 36.6 55.0#

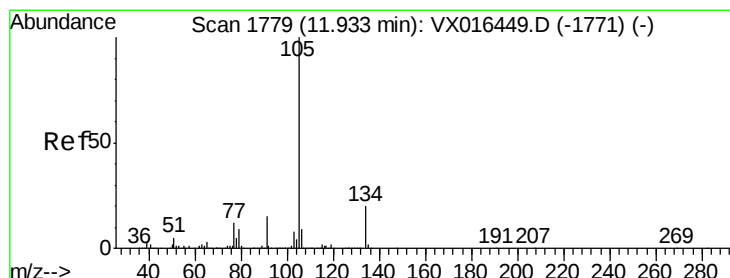
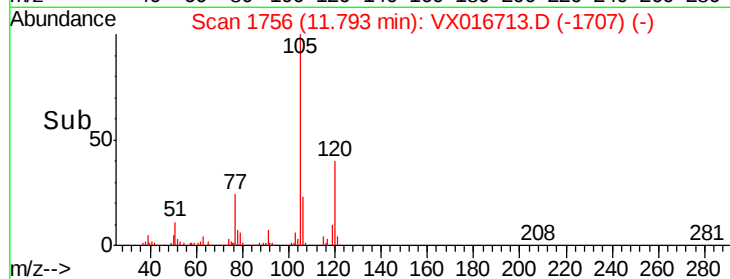
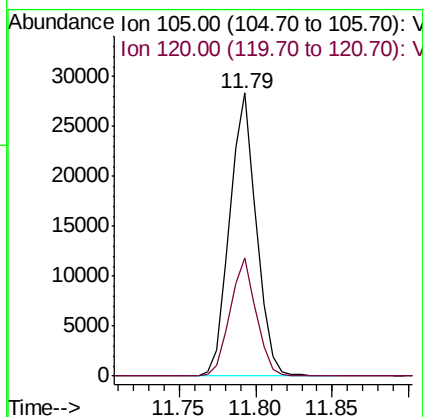
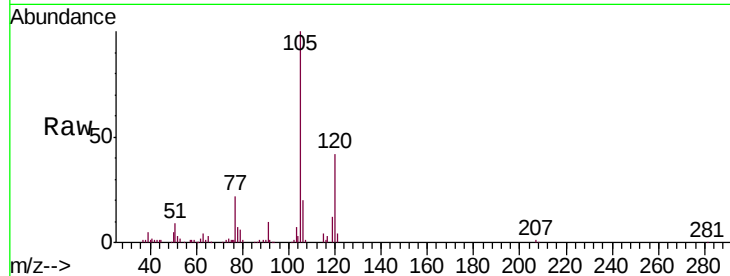




#84
 1,2,4-Trimethylbenzene
 Concen: 3.250 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

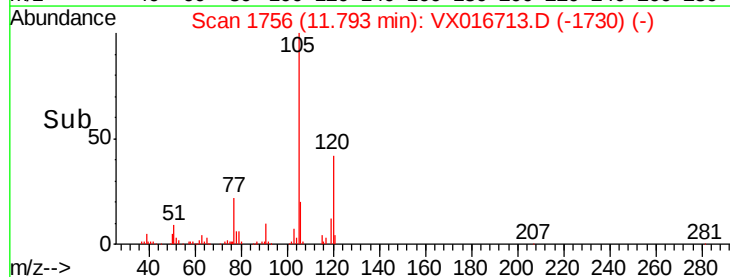
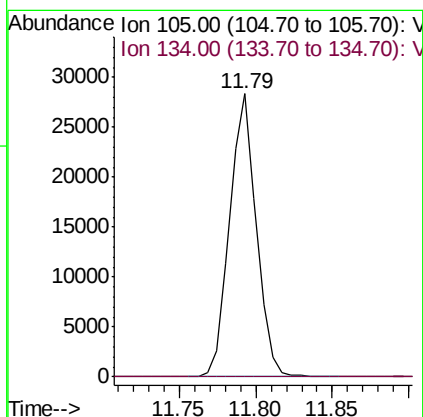
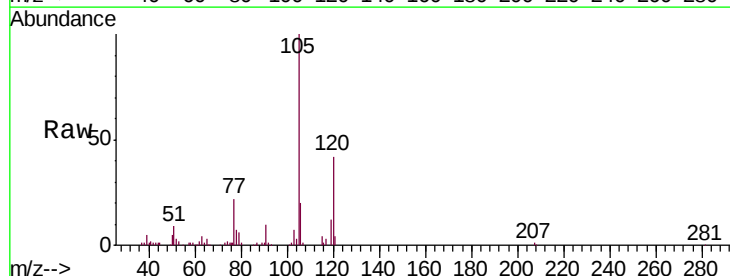
Instrument :
 MSVOA_X
 ClientSampled :
 I-OC-2

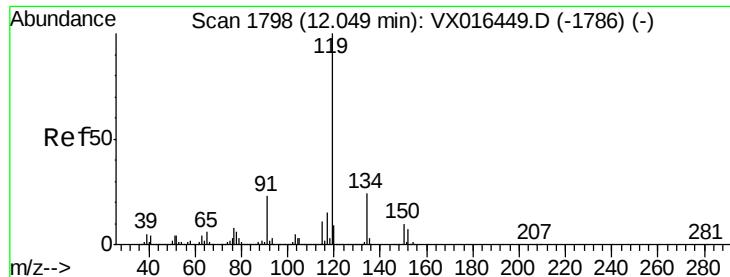
Tgt Ion:105 Resp: 34251
 Ion Ratio Lower Upper
 105 100
 120 40.7 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 3.066 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX016713.D
 Acq: 11 Jun 2020 18:36

Tgt Ion:105 Resp: 34251
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

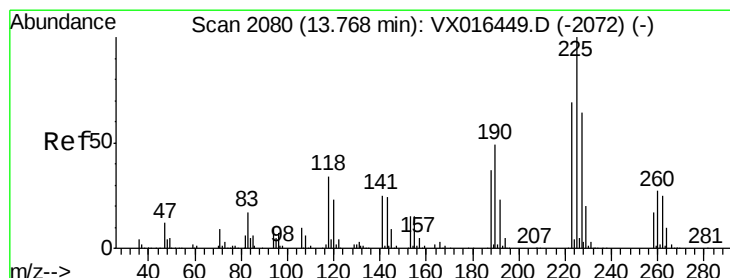
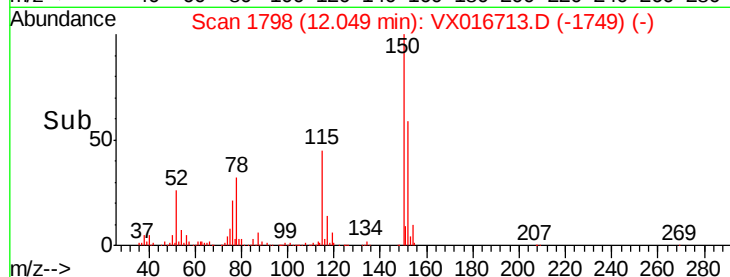
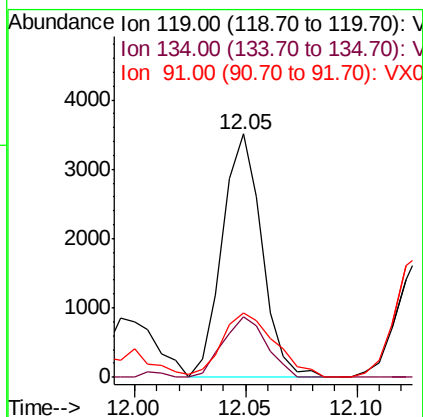
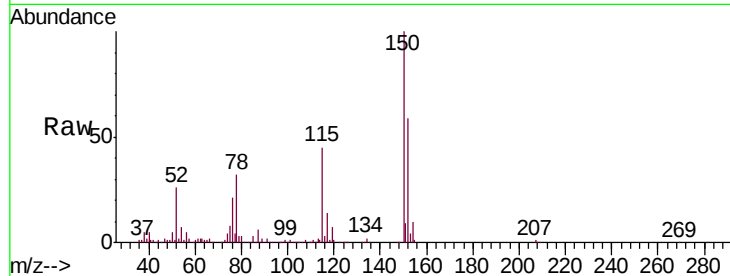




#86
p-Isopropyltoluene
Concen: 0.414 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

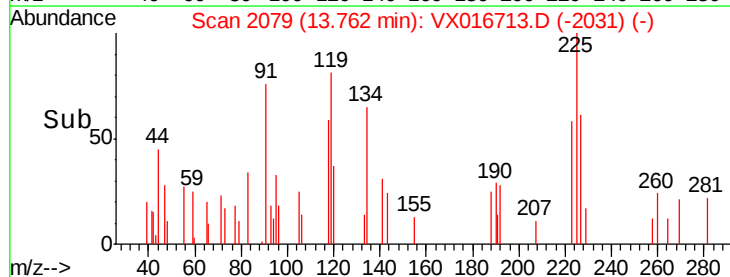
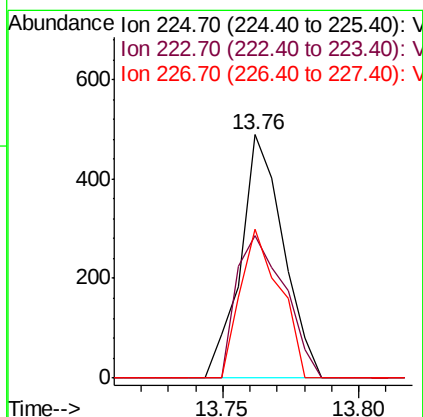
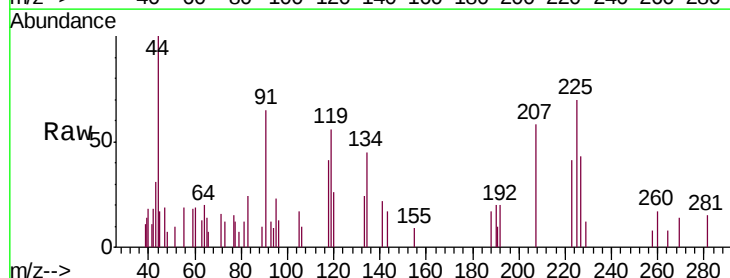
Instrument :
MSVOA_X
ClientSampled :
I-OC-2

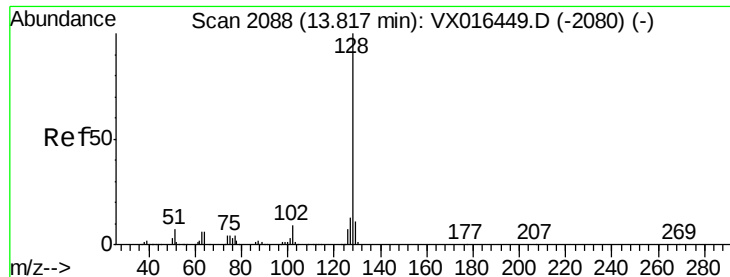
Tgt Ion:119 Resp: 4333
Ion Ratio Lower Upper
119 100
134 27.6 12.7 38.0
91 35.3 11.7 35.0#



#94
Hexachlorobutadiene
Concen: 0.372 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016713.D
Acq: 11 Jun 2020 18:36

Tgt Ion:225 Resp: 533
Ion Ratio Lower Upper
225 100
223 66.2 32.3 96.8
227 56.5 31.6 94.7





#95

Naphthalene

Concen: 250.531 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016713.D

Acq: 11 Jun 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2

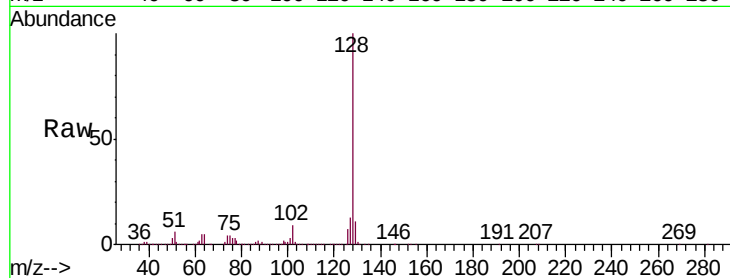
Tgt Ion:128 Resp: 3134129

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

