

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082020\
 Data File : VX018025.D
 Acq On : 20 Aug 2020 11:23
 Operator : JC/SP
 Sample : L3712-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB-25860

Quant Time: Aug 20 14:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	415640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	654976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	620072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	313703	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	296208	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.47	113	232895	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	8.70	98	801012	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
62) 4-Bromofluorobenzene	11.12	95	298297	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	293	1.035	ug/l #	44
4) Vinyl Chloride	1.39	62	598	2.357	ug/l #	82
11) Tert butyl alcohol	3.01	59	42004	35.706	ug/l	95
13) Acrolein	2.28	56	945	1.521	ug/l #	21
16) Acetone	2.42	43	422743	176.360	ug/l	97
17) Carbon Disulfide	2.56	76	5260	0.579	ug/l	98
18) Methyl Acetate	2.76	43	1492	0.247	ug/l #	89
20) Methylene Chloride	2.84	84	1695	0.384	ug/l #	81
25) 2-Butanone	4.64	43	43607	12.016	ug/l	97
29) Tetrahydrofuran	5.10	42	1984	0.880	ug/l #	49
36) 1,1-Dichloropropene	5.64	75	31378	5.724	ug/l #	51
37) Ethyl Acetate	4.64	43	43607	6.648	ug/l #	69
38) Carbon Tetrachloride	5.63	117	42750	6.025	ug/l #	17
39) Methylcyclohexane	7.44	83	1038	0.959	ug/l #	29
40) Benzene	6.13	78	9305	0.564	ug/l	100
43) Isopropyl Acetate	6.43	43	2222	0.210	ug/l #	86
49) 1,4-Dioxane	7.70	88	177	1.647	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	21534	3.021	ug/l	99
52) Toluene	8.77	92	21021	1.946	ug/l	98
59) 2-Hexanone	9.48	43	18575	3.438	ug/l	80
67) Ethyl Benzene	10.24	91	5255	0.259	ug/l	99
68) m/p-Xylenes	10.34	106	7066	0.905	ug/l	85
69) o-Xylene	10.68	106	4206	0.558	ug/l	86
74) N-amyl acetate	10.92	43	17496	1.948	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	150345	22.536	ug/l #	37
79) 2-Chlorotoluene	11.34	91	3425	0.238	ug/l	72
80) 1,3,5-Trimethylbenzene	11.49	105	7108	0.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	150345	59.204	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	27890	1.520	ug/l	98
85) sec-Butylbenzene	11.93	105	9469	0.469	ug/l	95
86) p-Isopropyltoluene	12.05	119	5695	0.303	ug/l #	73
89) n-Butylbenzene	12.37	91	9030	0.580	ug/l #	49
90) Hexachloroethane	12.59	117	3180	0.851	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.64	180	1563	0.252	ug/l #	32

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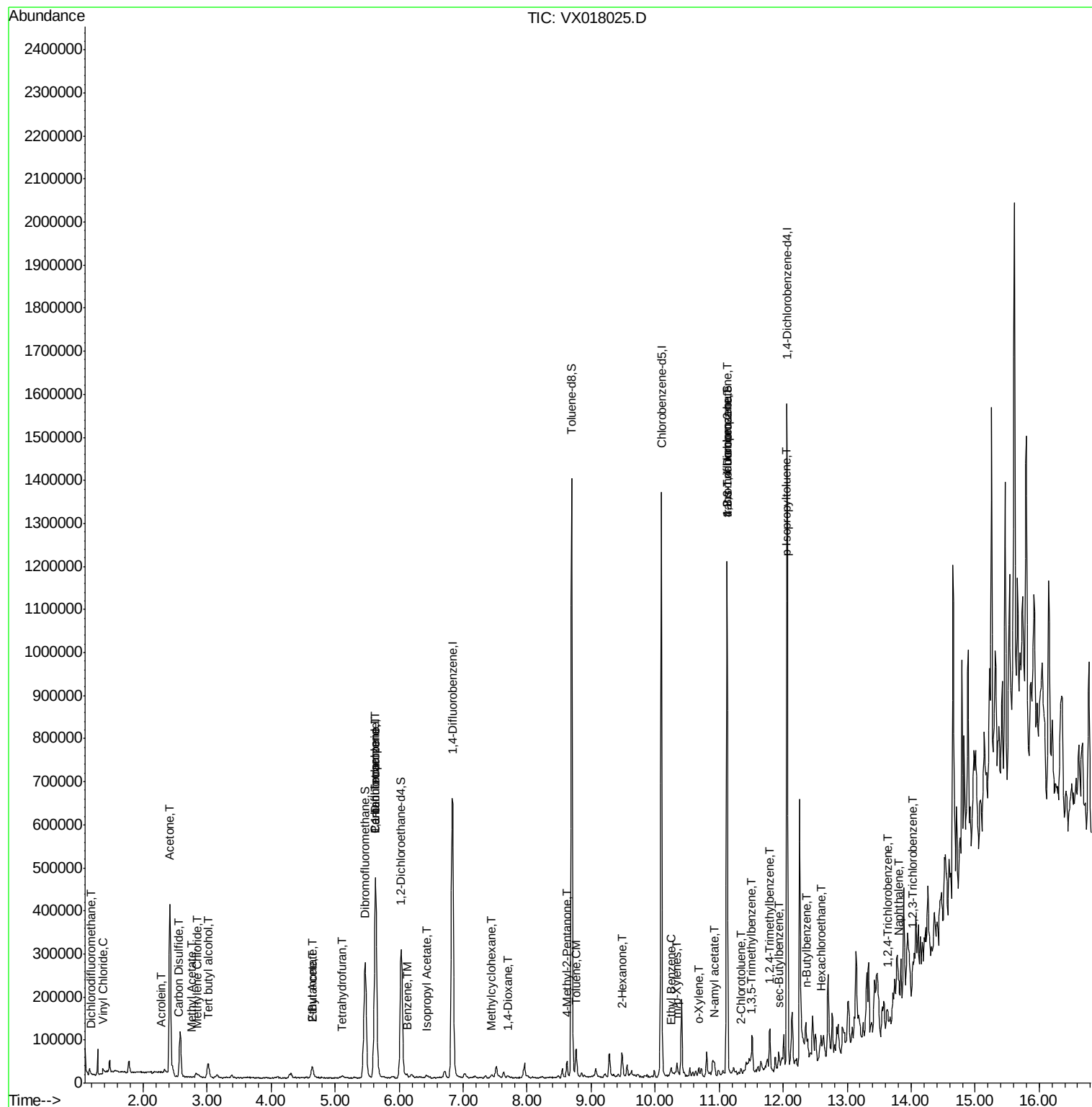
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.82	128	24469	1.252	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.01	180	1315	0.209	ug/l #	1

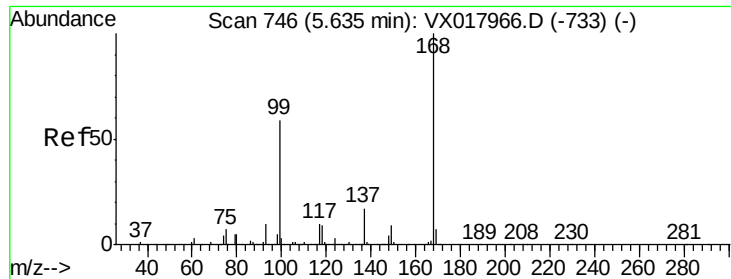
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

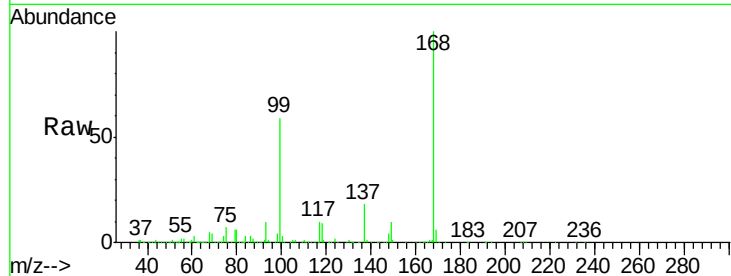
VB-25860

Tgt Ion:168 Resp: 415640

Ion Ratio Lower Upper

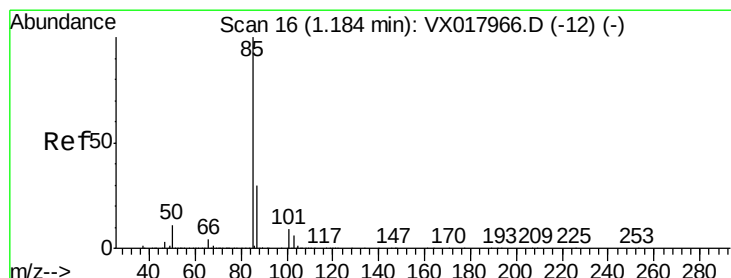
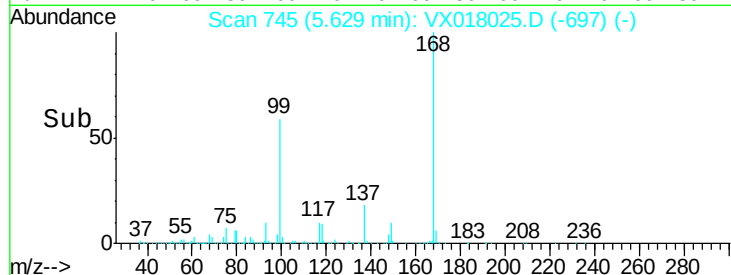
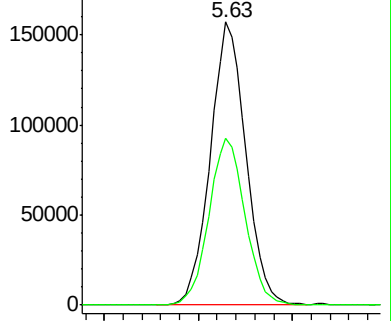
168 100

99 58.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.035 ug/l

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX018025.D

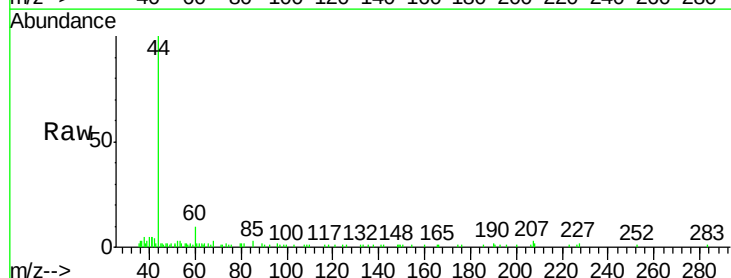
Acq: 20 Aug 2020 11:23

Tgt Ion: 85 Resp: 293

Ion Ratio Lower Upper

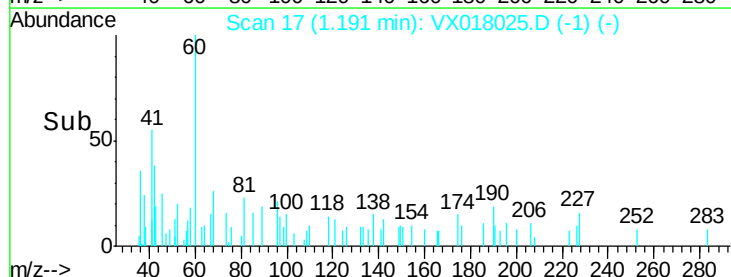
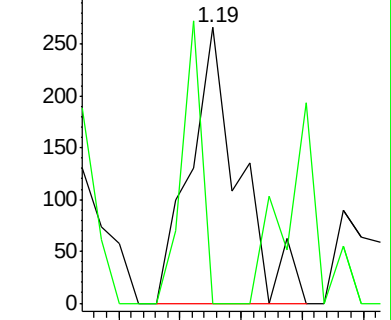
85 100

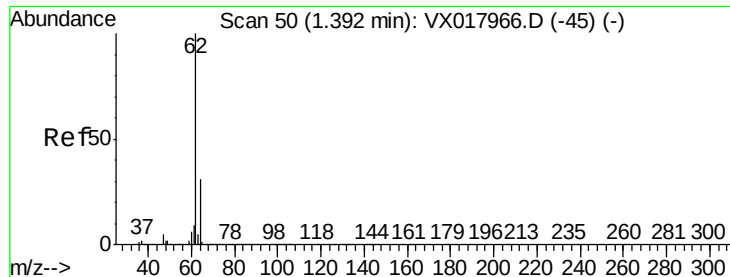
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 2.357 ug/l

RT: 1.39 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

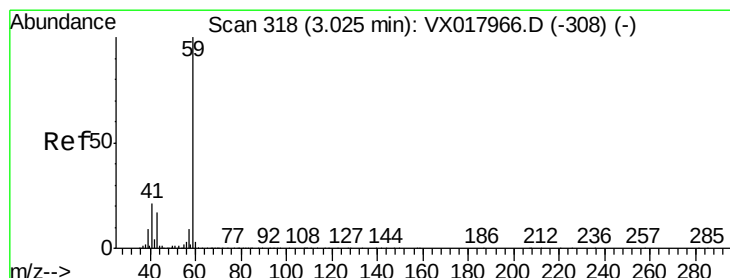
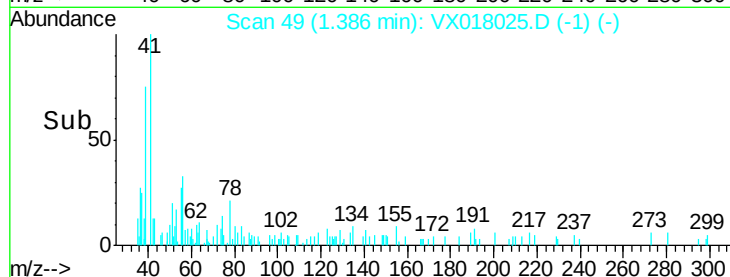
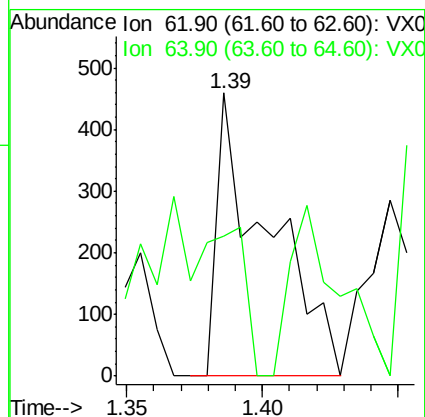
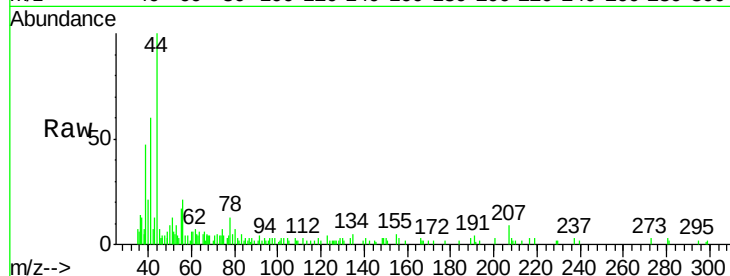
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Tgt Ion: 62 Resp: 598

Ion Ratio Lower Upper

62 100

64 21.1 24.7 37.1#



#11

Tert butyl alcohol

Concen: 35.706 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018025.D

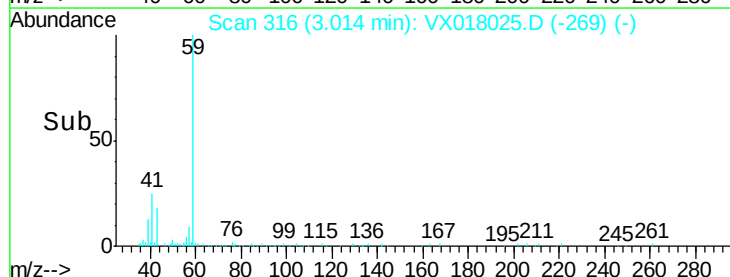
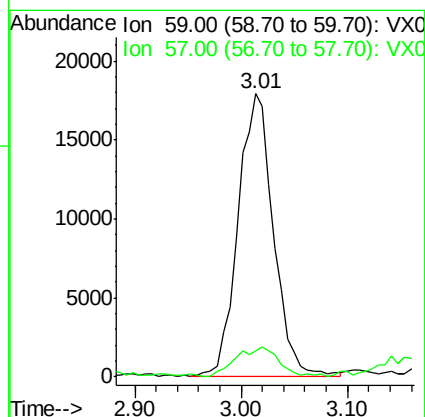
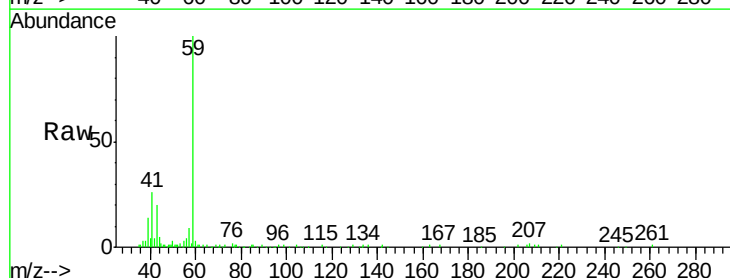
Acq: 20 Aug 2020 11:23

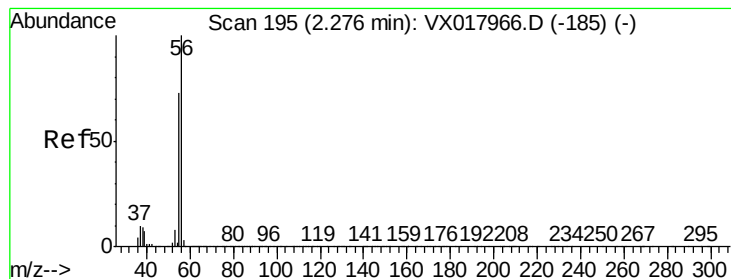
Tgt Ion: 59 Resp: 42004

Ion Ratio Lower Upper

59 100

57 12.9 8.6 13.0





#13

Acrolein

Concen: 1.521 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

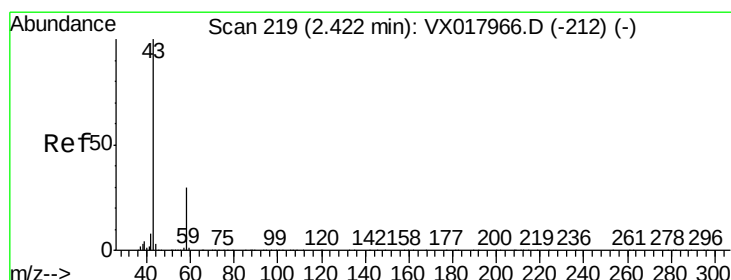
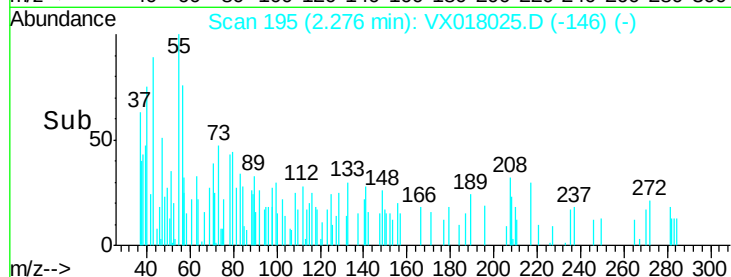
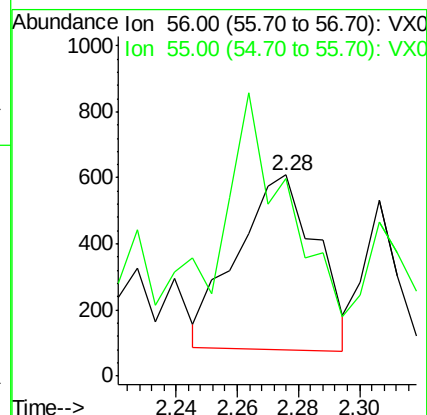
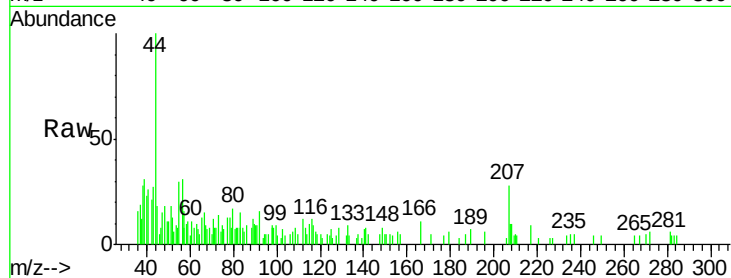
VB-25860

Tgt Ion: 56 Resp: 945

Ion Ratio Lower Upper

56 100

55 138.6 58.2 87.4#



#16

Acetone

Concen: 176.360 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018025.D

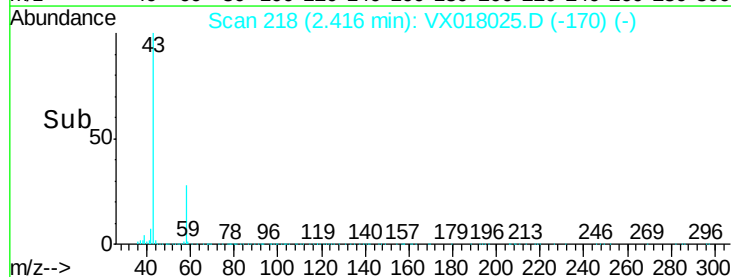
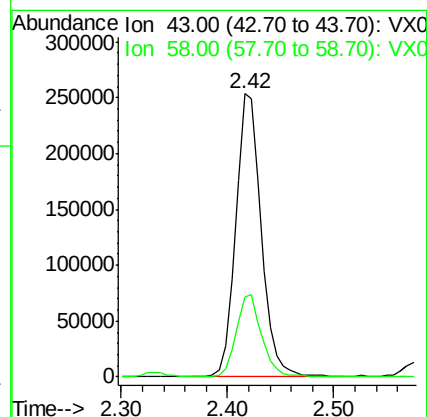
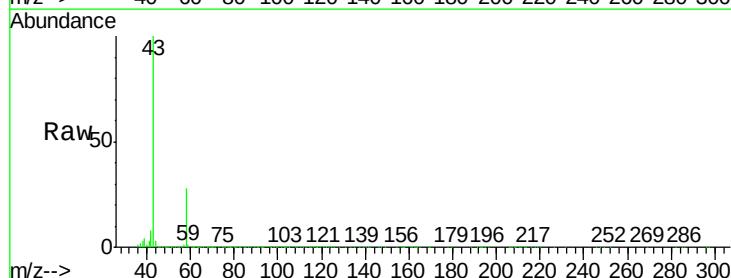
Acq: 20 Aug 2020 11:23

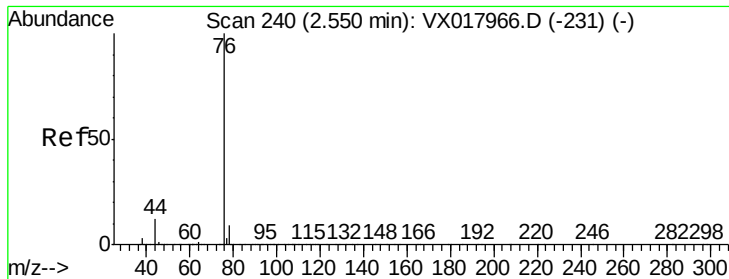
Tgt Ion: 43 Resp: 422743

Ion Ratio Lower Upper

43 100

58 28.4 23.8 35.8





#17

Carbon Disulfide

Concen: 0.579 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

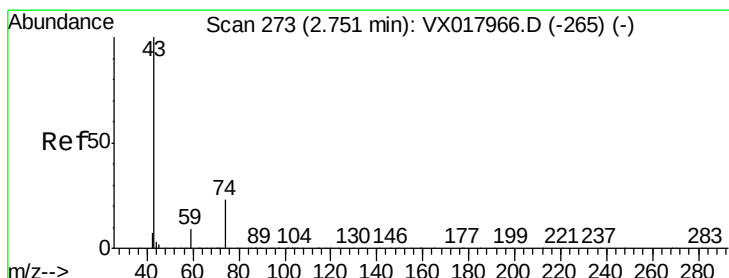
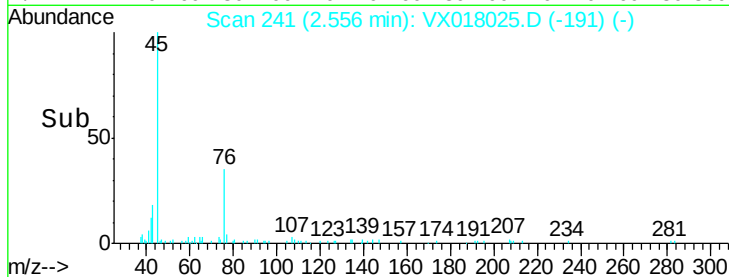
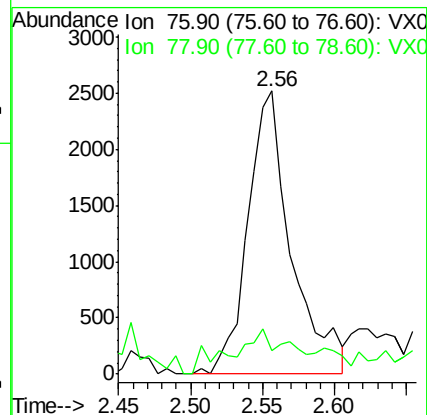
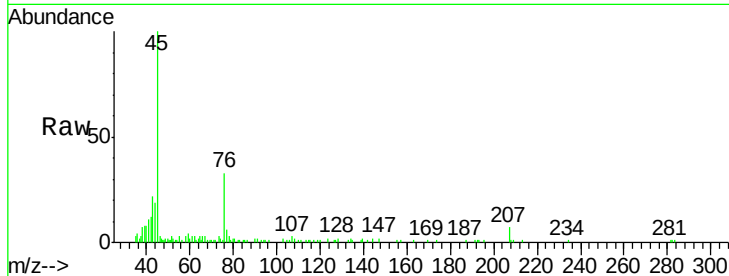
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Tgt Ion: 76 Resp: 5260

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9



#18

Methyl Acetate

Concen: 0.247 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX018025.D

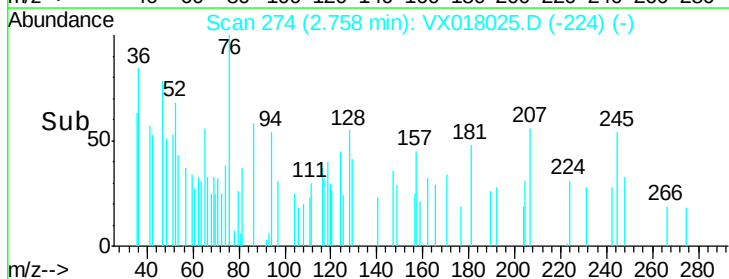
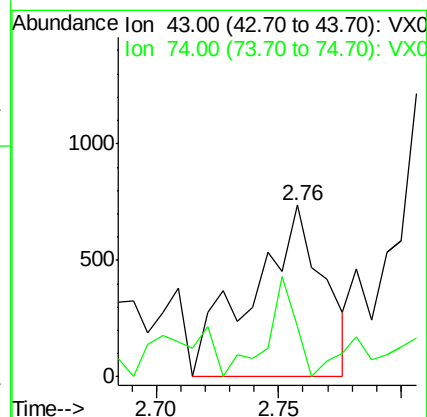
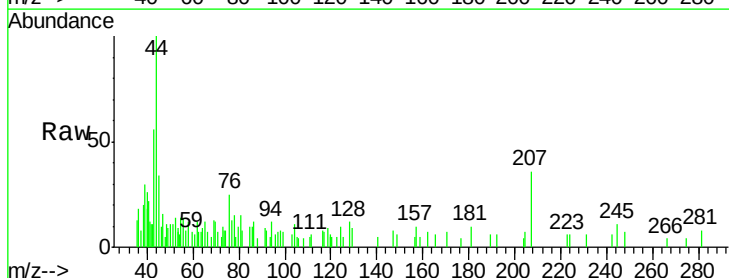
Acq: 20 Aug 2020 11:23

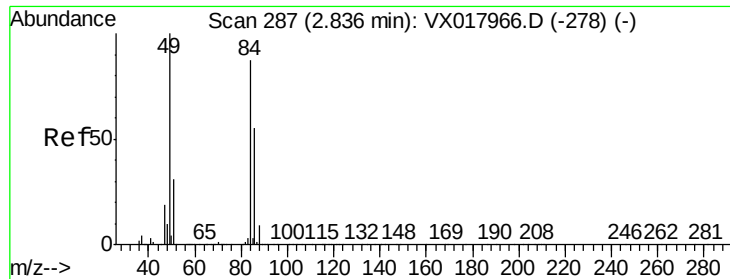
Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

43 100

74 18.9 19.7 29.5#

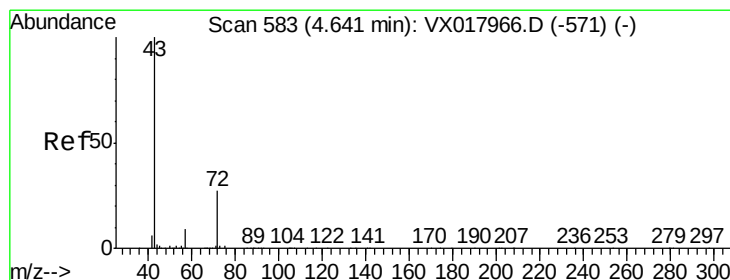
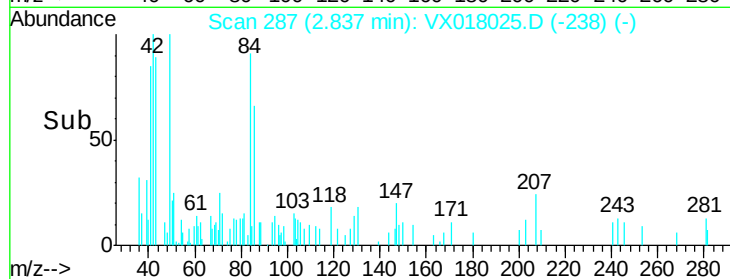
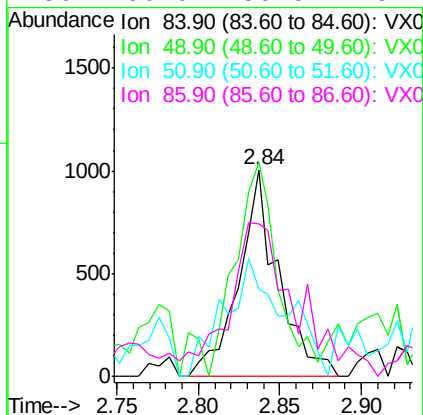
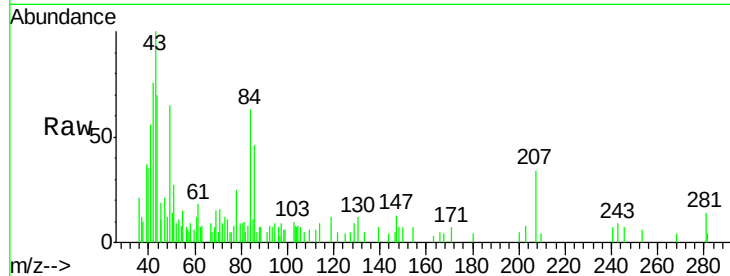




#20
Methylene Chloride
Concen: 0.384 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

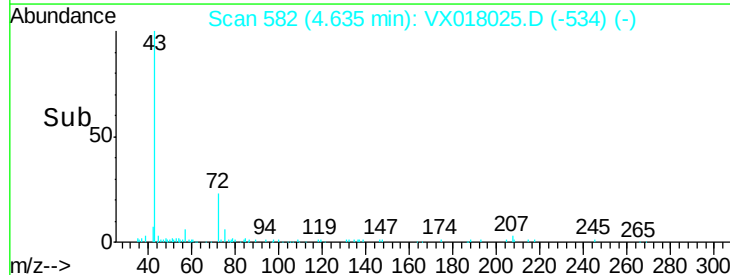
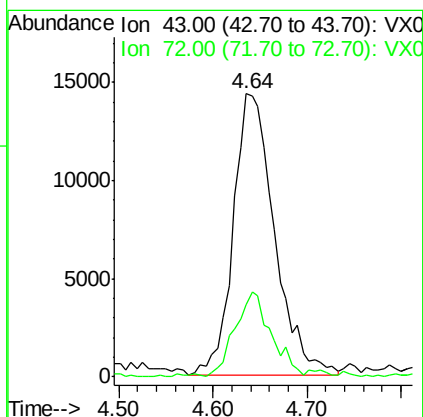
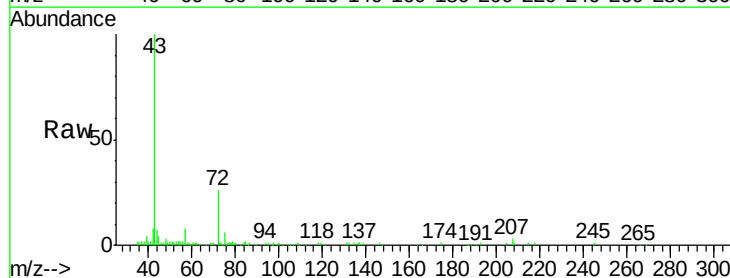
Instrument :
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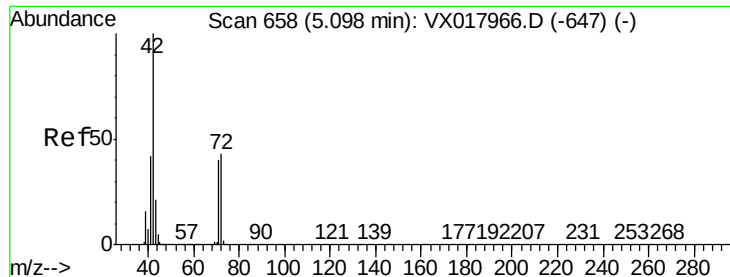
Tgt Ion:	84	Resp:	1695
Ion	Ratio	Lower	Upper
84	100		
49	82.2	91.8	137.6#
51	42.2	27.8	41.8#
86	66.0	50.5	75.7



#25
2-Butanone
Concen: 12.016 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

Tgt Ion:	43	Resp:	43607
Ion	Ratio	Lower	Upper
43	100		
72	25.4	21.4	32.2





#29

Tetrahydrofuran

Concen: 0.880 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

VB-25860

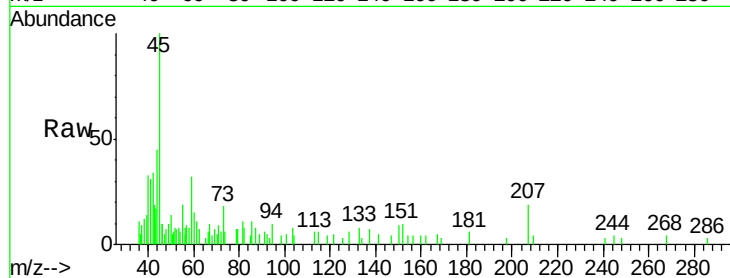
Tgt Ion: 42 Resp: 1984

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

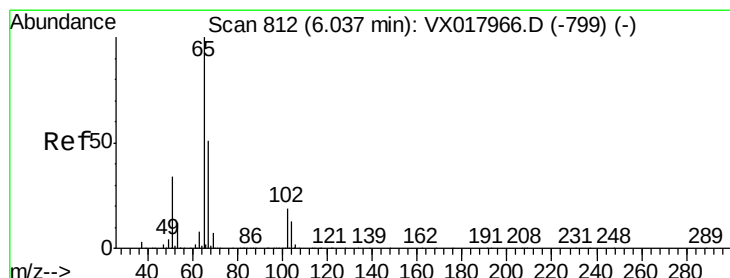
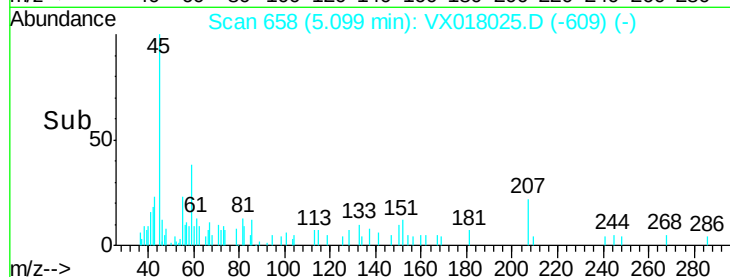
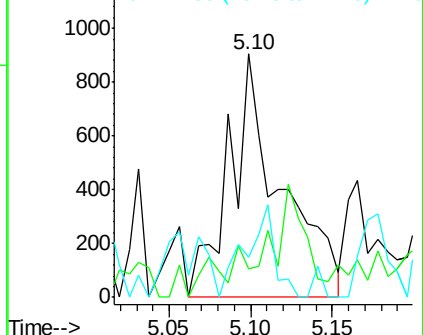
71 21.5 33.0 49.4#



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



#33

1,2-Dichloroethane-d4

Concen: 48.615 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018025.D

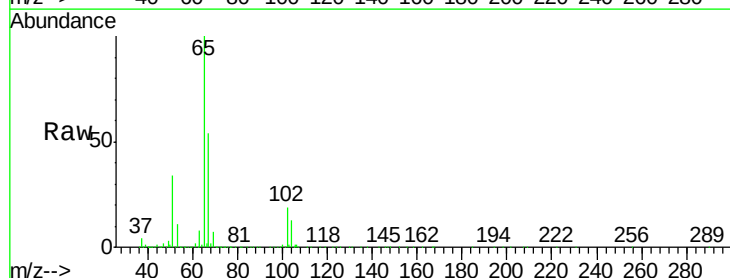
Acq: 20 Aug 2020 11:23

Tgt Ion: 65 Resp: 296208

Ion Ratio Lower Upper

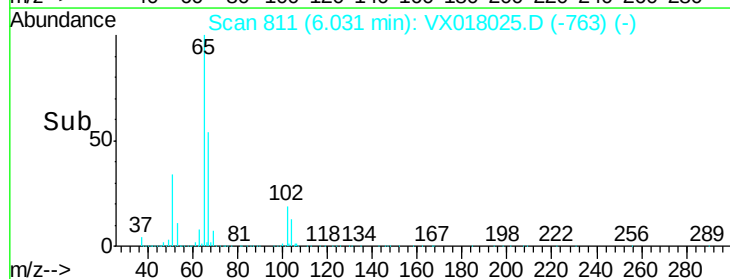
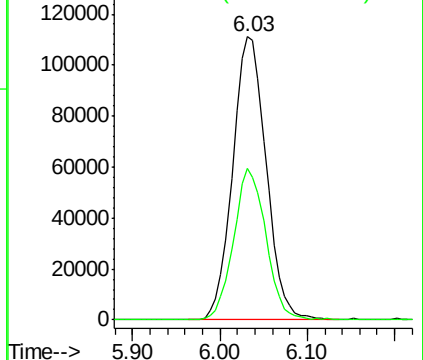
65 100

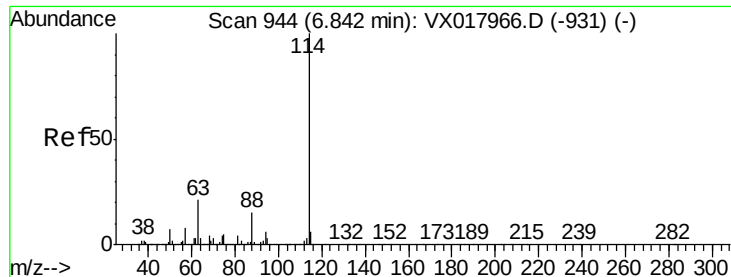
67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX018025.D

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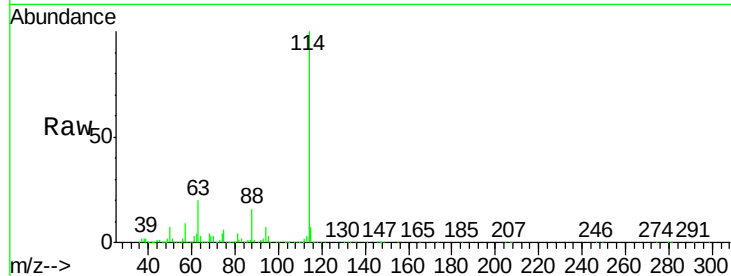
Tgt Ion:114 Resp: 654976

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

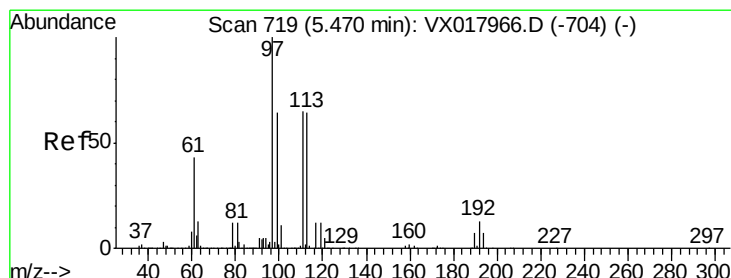
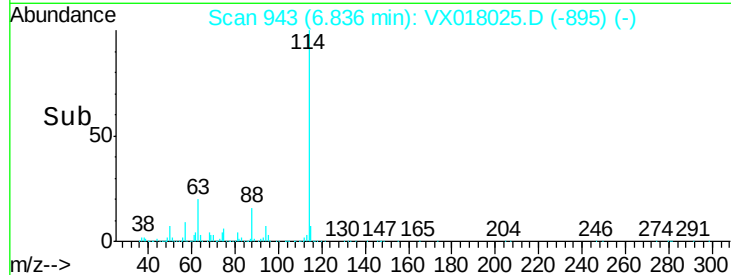
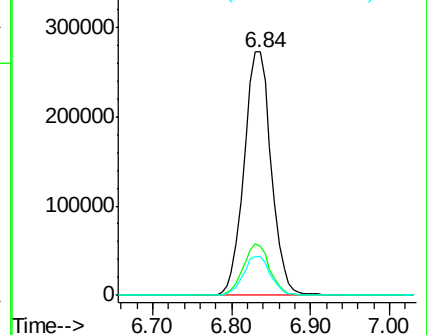
88 15.8 0.0 30.2



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: 47.749 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

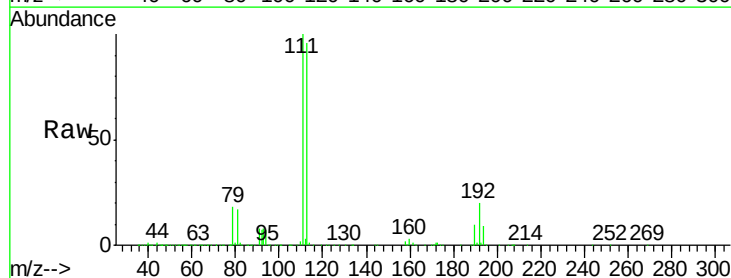
Tgt Ion:113 Resp: 232895

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

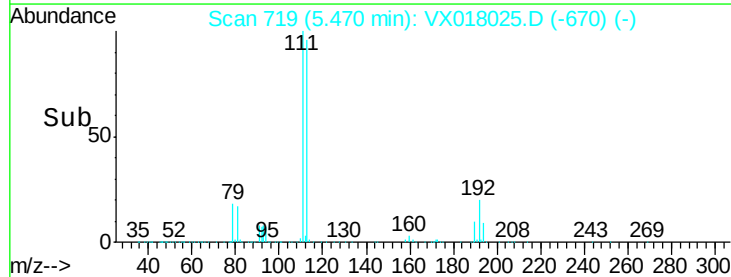
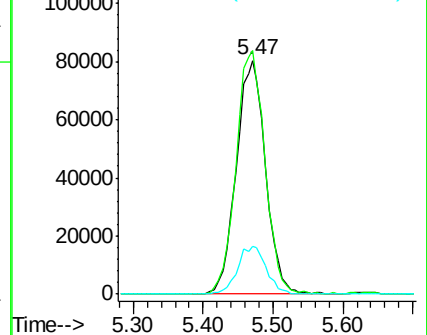
192 20.1 16.2 24.4

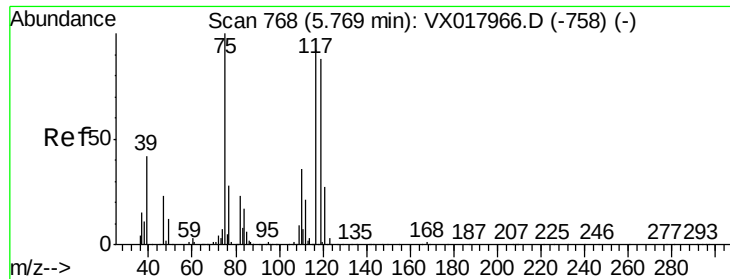


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

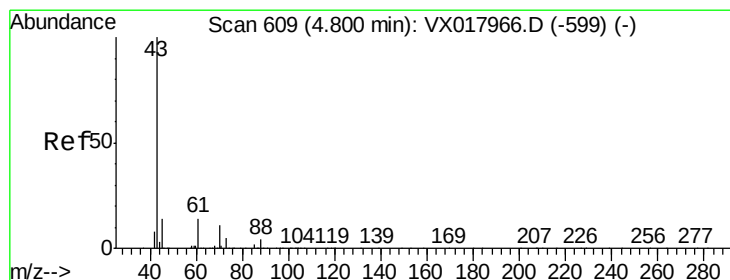
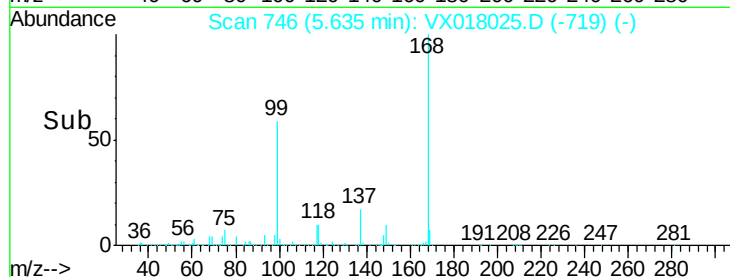
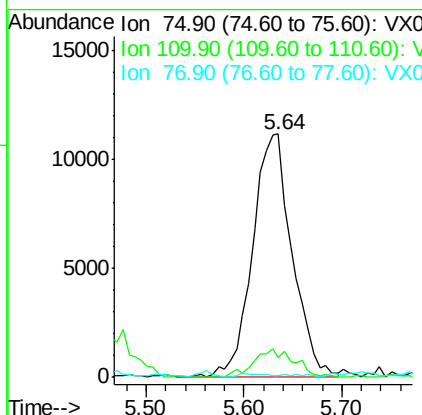
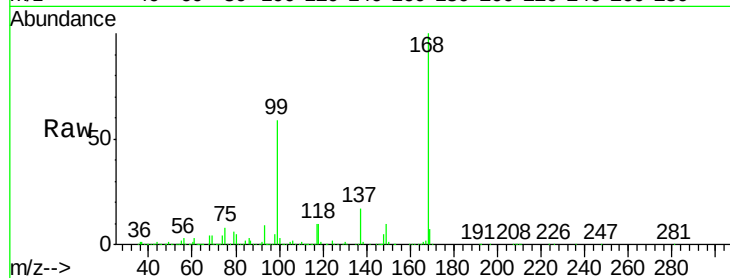




#36
 1,1-Dichloropropene
 Concen: 5.724 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

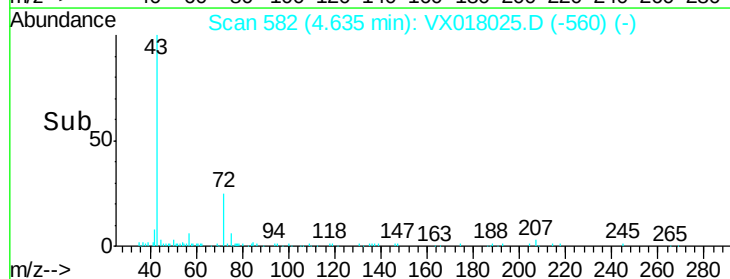
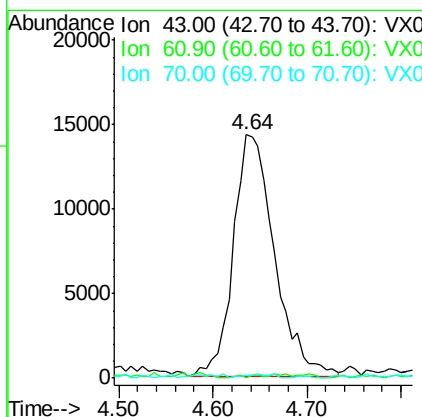
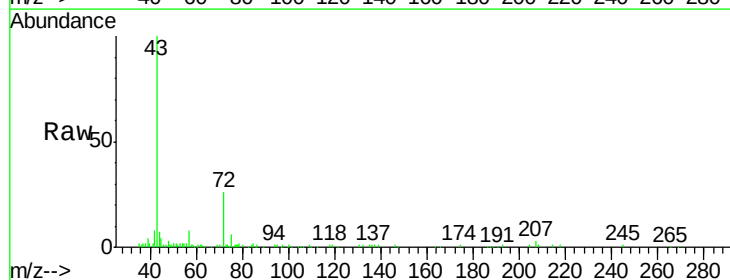
Instrument :
 MSVOA_X
 ClientSampled :
 VB-25860

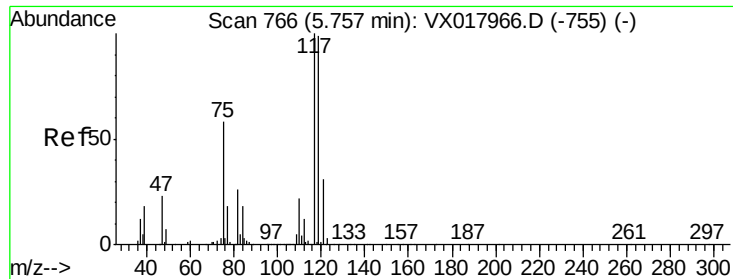
Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	18.7	56.1#
77	0.0	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 6.648 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.16 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.5	11.3	16.9#
70	0.0	8.5	12.7#





#38

Carbon Tetrachloride

Concen: 6.025 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VB-25860

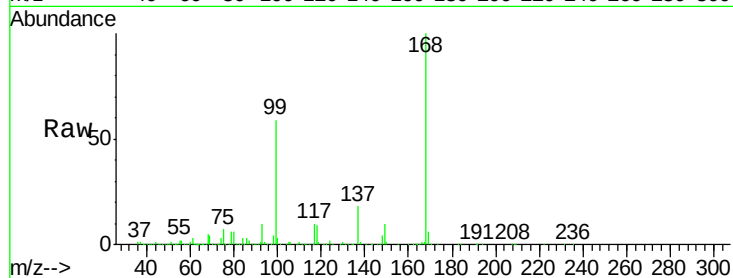
Tgt Ion:117 Resp: 42750

Ion Ratio Lower Upper

117 100

119 7.4 79.0 118.6#

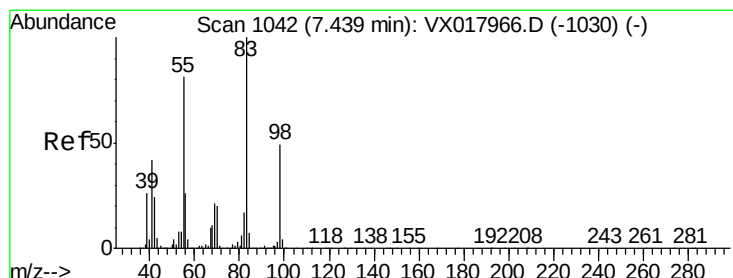
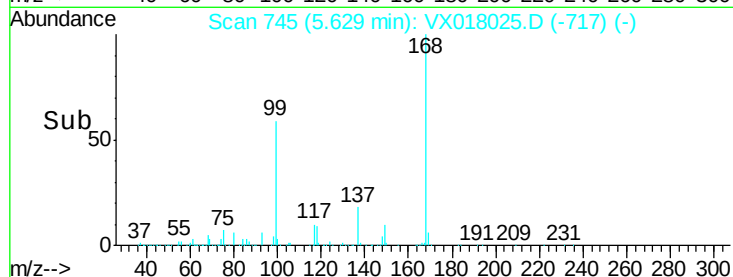
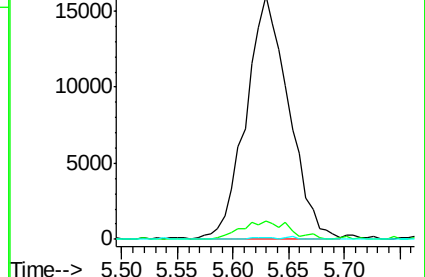
121 0.7 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.959 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

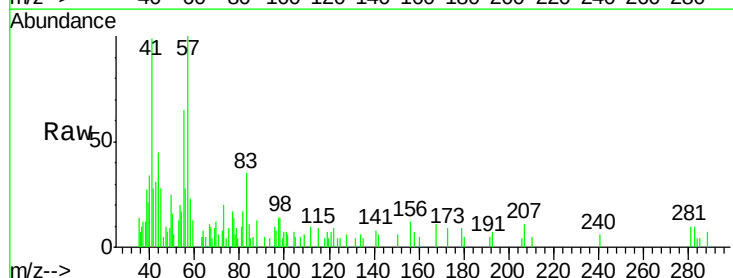
Tgt Ion: 83 Resp: 1038

Ion Ratio Lower Upper

83 100

55 173.6 64.5 96.7#

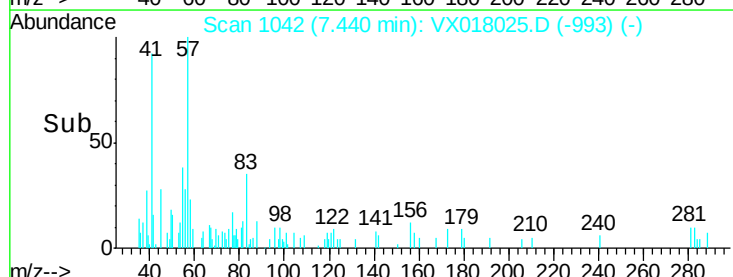
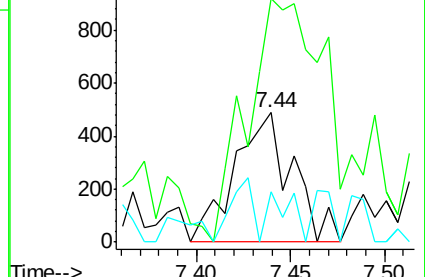
98 38.9 39.0 58.6#

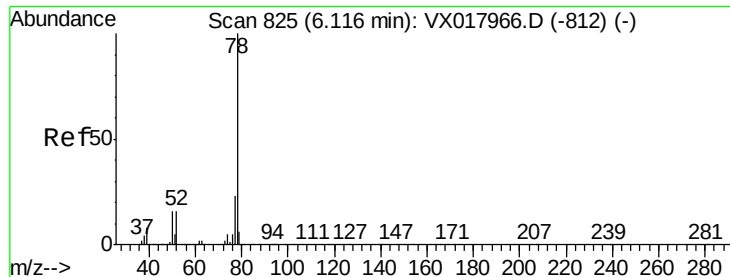


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.564 ug/l

RT: 6.13 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

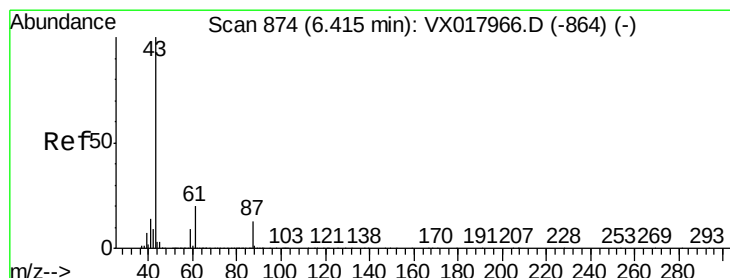
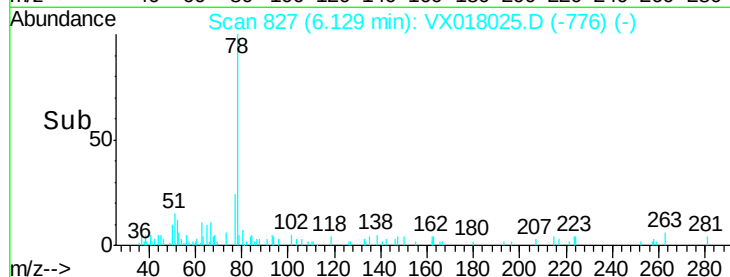
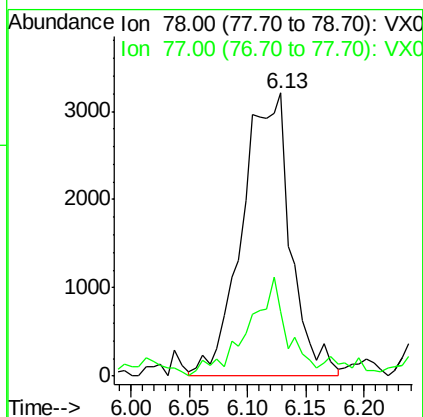
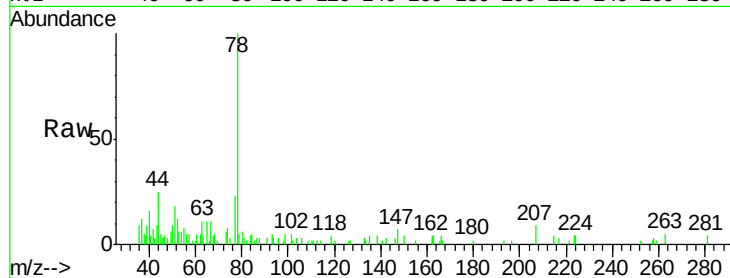
VB-25860

Tgt Ion: 78 Resp: 9305

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2



#43

Isopropyl Acetate

Concen: 0.210 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.02 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

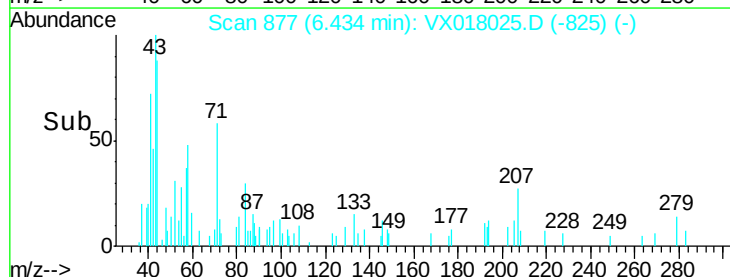
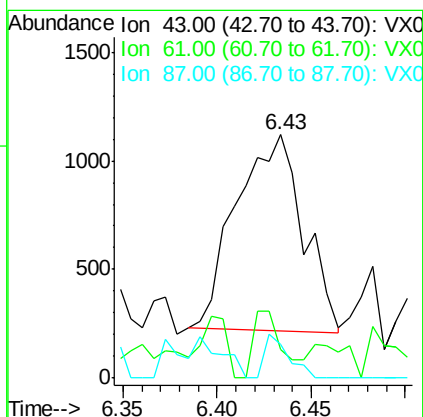
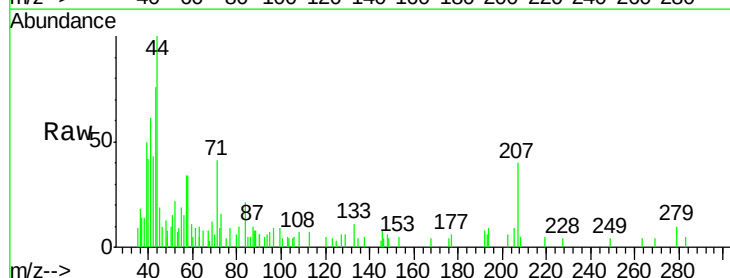
Tgt Ion: 43 Resp: 2222

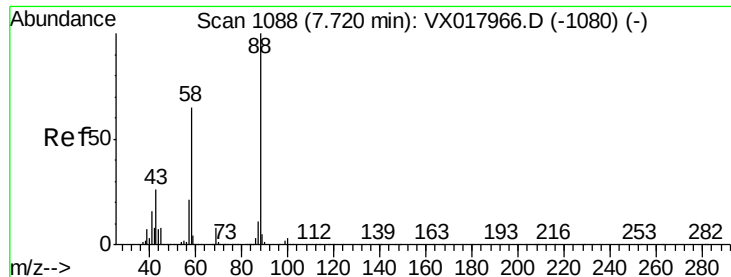
Ion Ratio Lower Upper

43 100

61 13.6 16.2 24.4#

87 7.9 10.8 16.2#

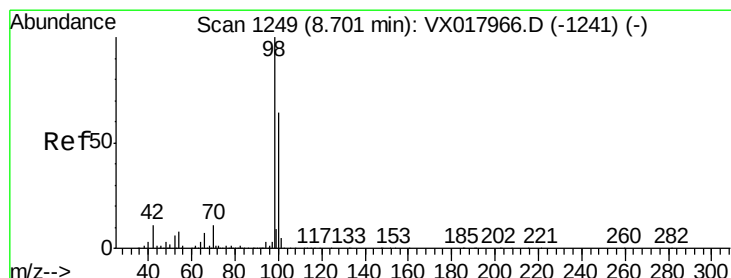
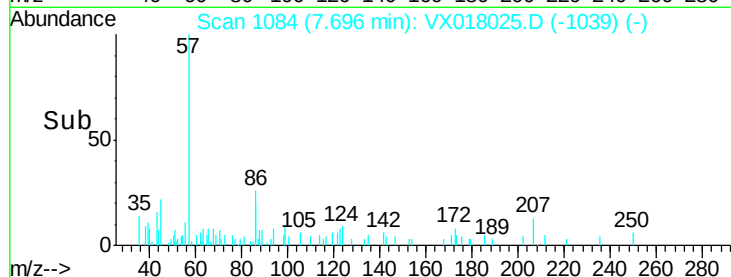
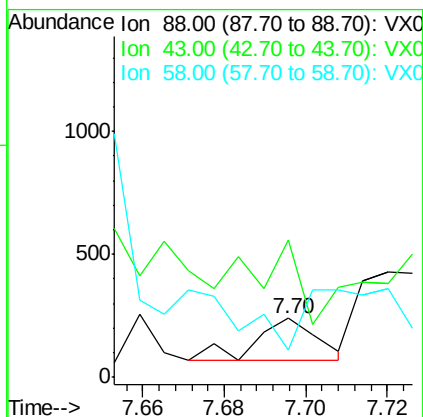
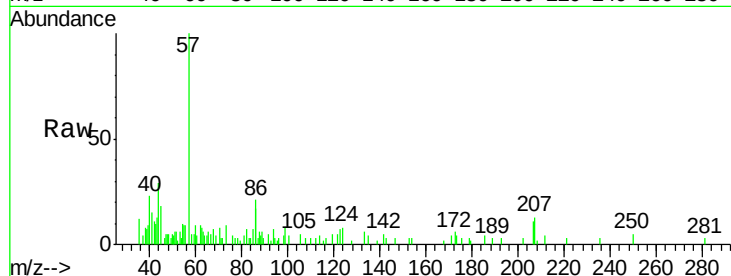




#49
1,4-Dioxane
Concen: 1.647 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

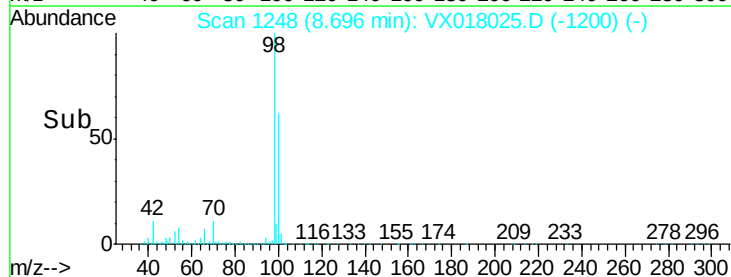
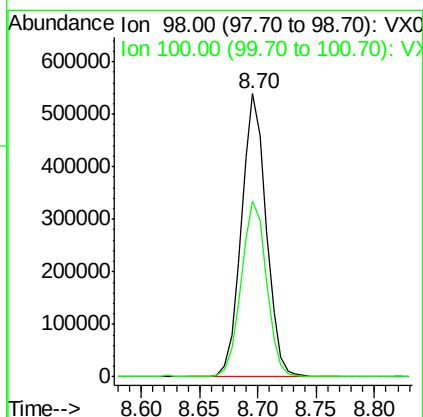
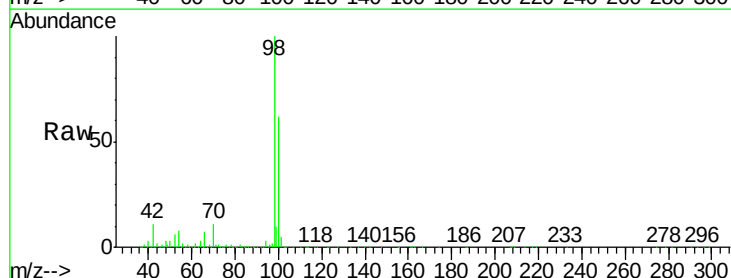
Instrument :
MSVOA_X
ClientSampled :
VB-25860

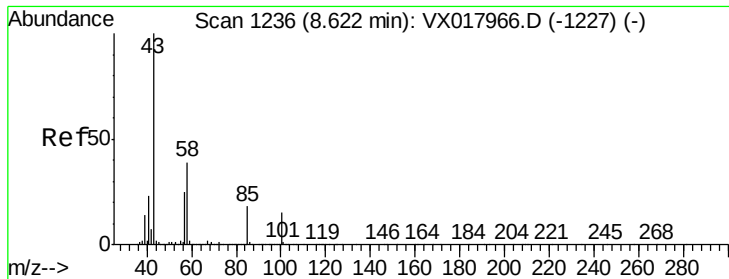
Tgt Ion: 88 Resp: 177
Ion Ratio Lower Upper
88 100
43 0.0 27.3 40.9#
58 0.0 57.7 86.5#



#50
Toluene-d8
Concen: 46.460 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

Tgt Ion: 98 Resp: 801012
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2

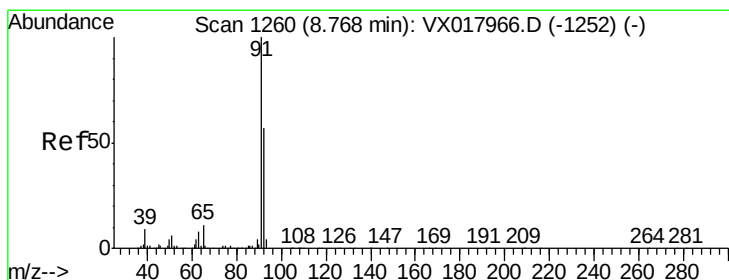
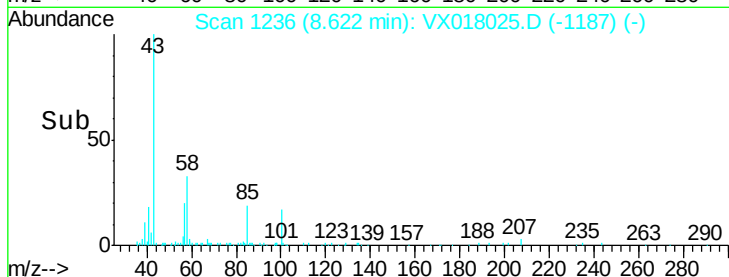
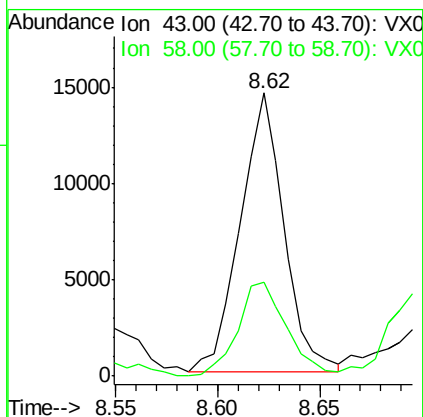
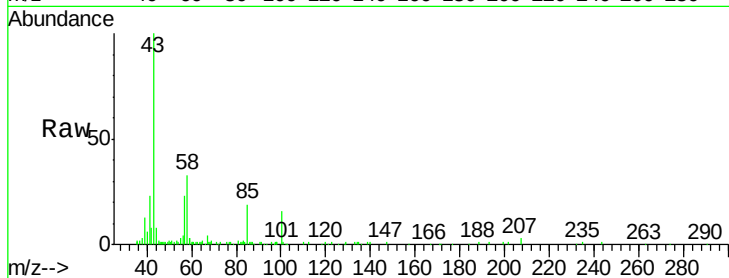




#51
 4-Methyl-2-Pentanone
 Concen: 3.021 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

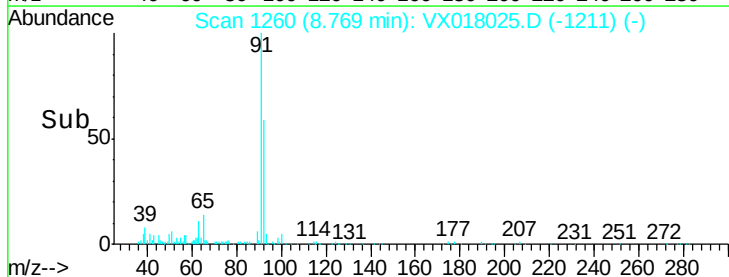
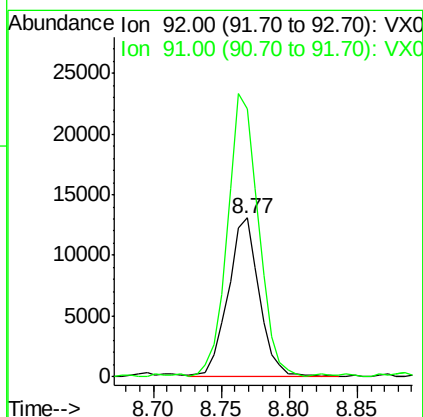
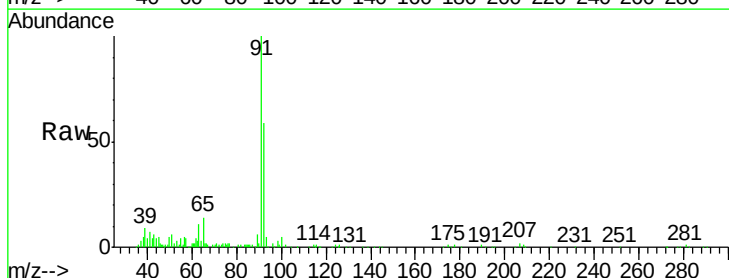
Instrument :
 MSVOA_X
 ClientSampleId :
 VB-25860

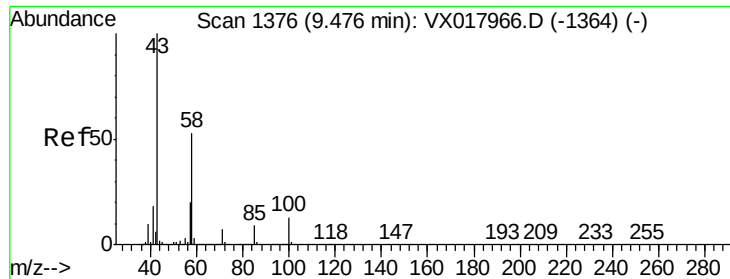
Tgt Ion: 43 Resp: 21534
 Ion Ratio Lower Upper
 43 100
 58 37.8 31.0 46.4



#52
 Toluene
 Concen: 1.946 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

Tgt Ion: 92 Resp: 21021
 Ion Ratio Lower Upper
 92 100
 91 175.1 138.4 207.6





#59

2-Hexanone

Concen: 3.438 ug/l

RT: 9.48 min Scan# 1377

Delta R.T. 0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

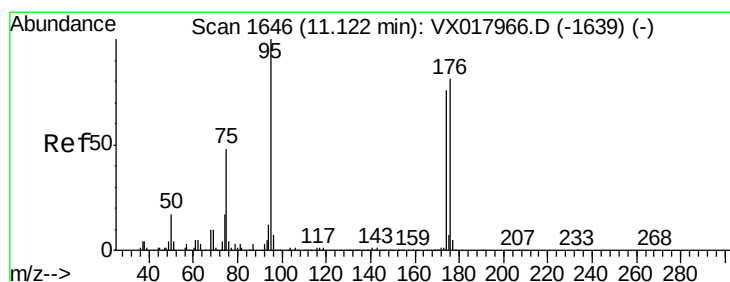
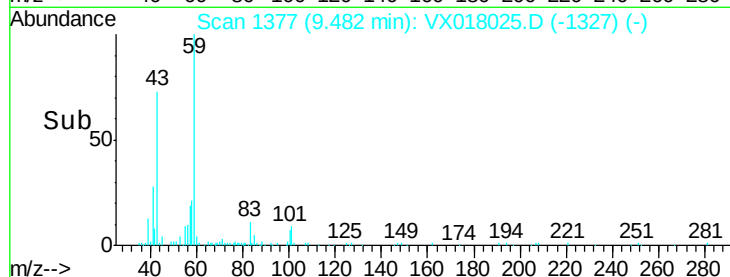
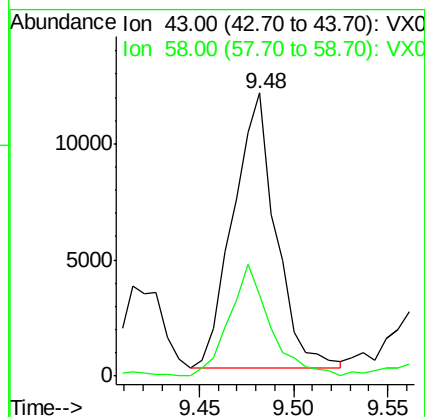
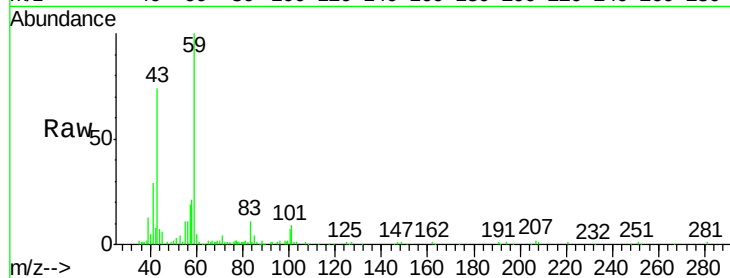
VB-25860

Tgt Ion: 43 Resp: 18575

Ion Ratio Lower Upper

43 100

58 38.6 26.4 79.0



#62

4-Bromofluorobenzene

Concen: 46.845 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

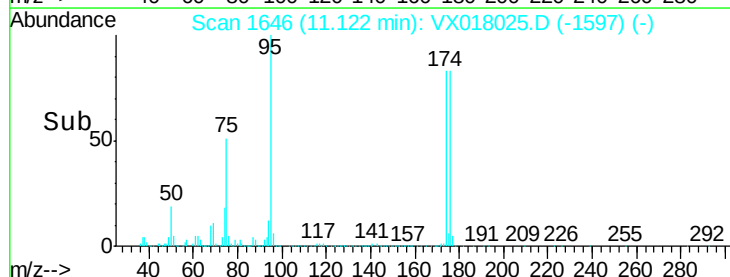
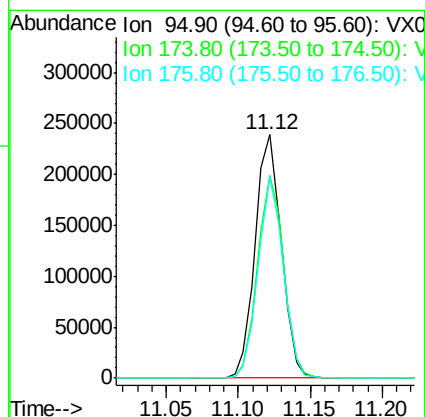
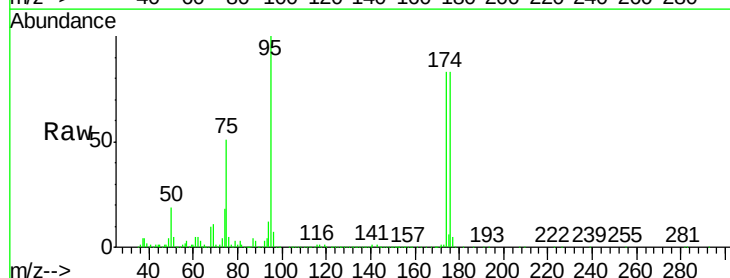
Tgt Ion: 95 Resp: 298297

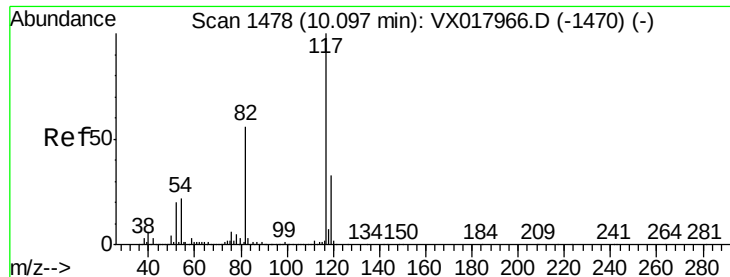
Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.0

176 79.2 0.0 161.0

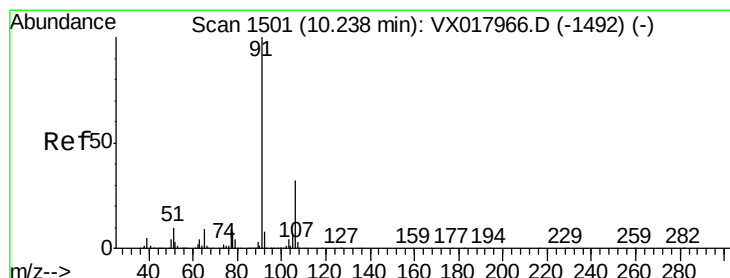
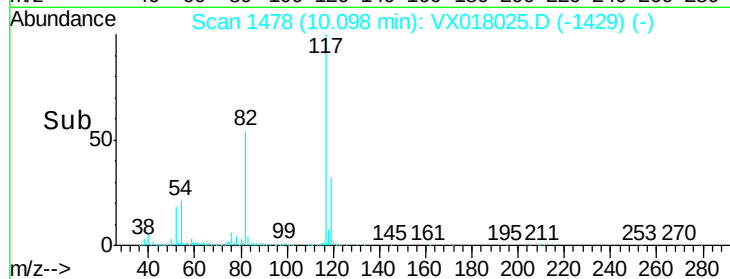
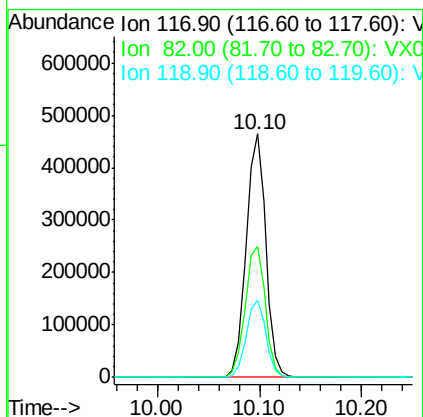
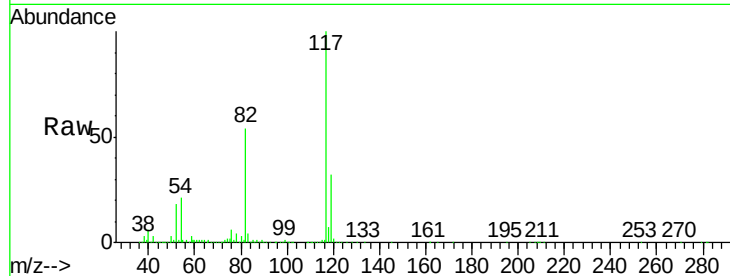




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

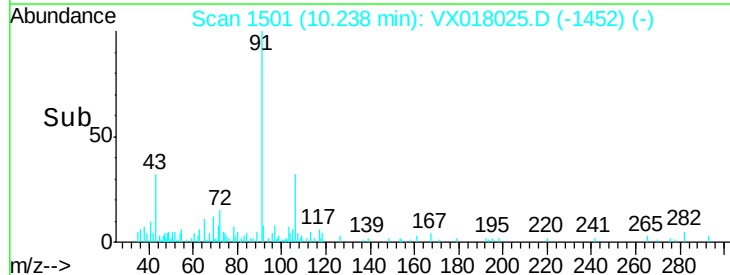
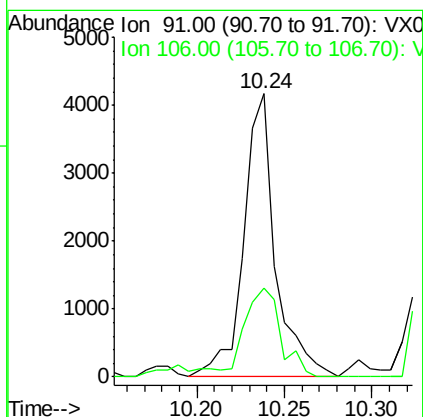
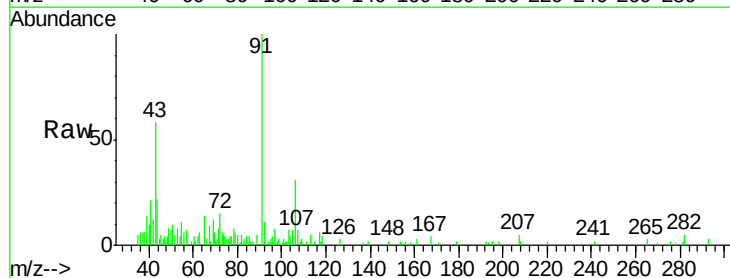
Instrument :
MSVOA_X
ClientSampleId :
VB-25860

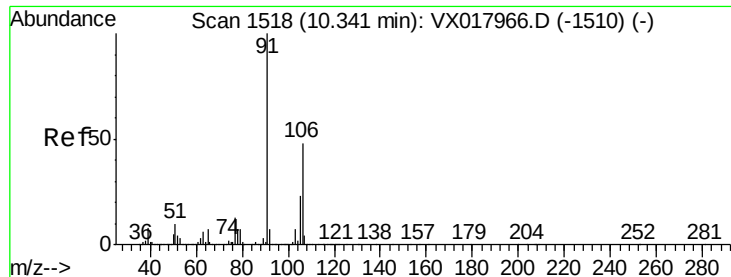
Tgt Ion:117 Resp: 620072
Ion Ratio Lower Upper
117 100
82 54.0 44.6 66.8
119 31.7 26.2 39.4



#67
Ethyl Benzene
Concen: 0.259 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

Tgt Ion: 91 Resp: 5255
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

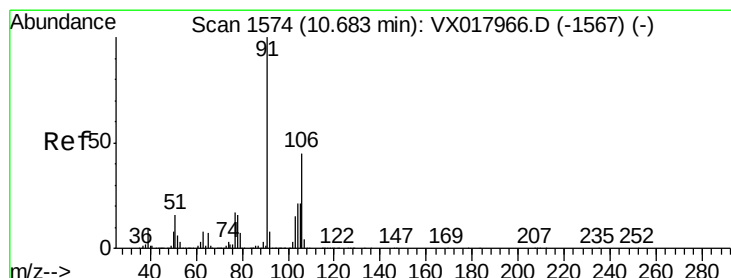
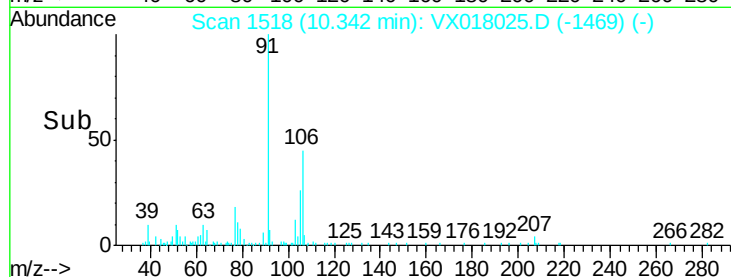
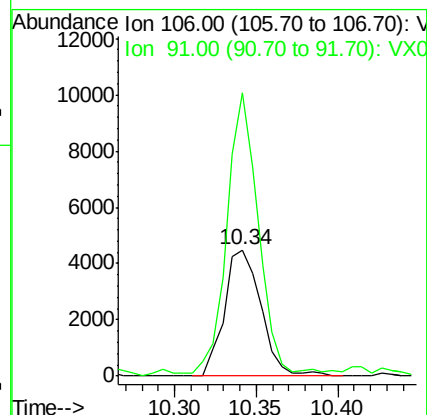
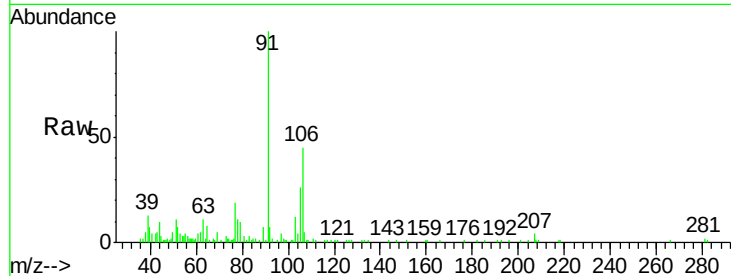




#68
m/p-Xylenes
Concen: 0.905 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

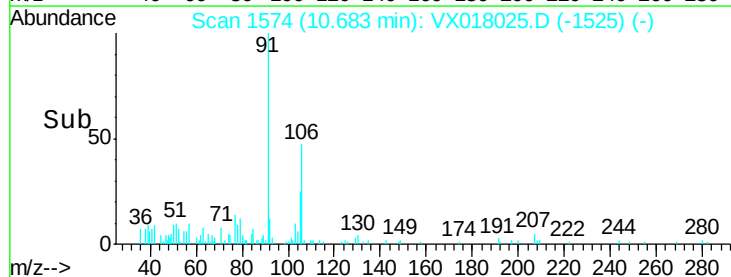
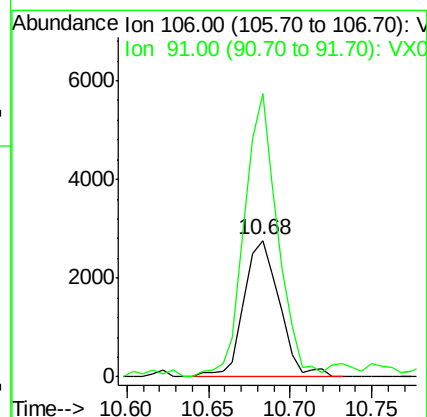
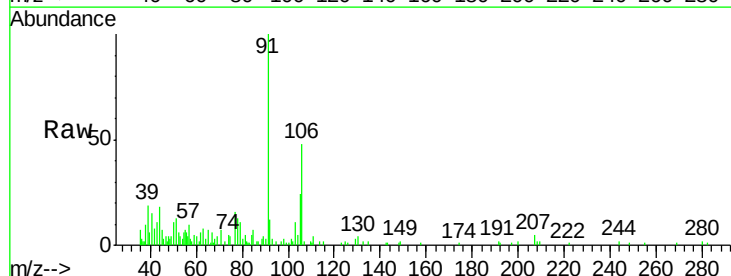
Instrument :
MSVOA_X
ClientSampled :
VB-25860

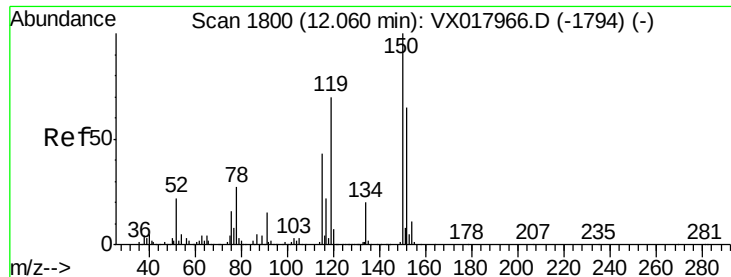
Tgt Ion:106 Resp: 7066
Ion Ratio Lower Upper
106 100
91 185.4 167.4 251.2



#69
o-Xylene
Concen: 0.558 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018025.D
Acq: 20 Aug 2020 11:23

Tgt Ion:106 Resp: 4206
Ion Ratio Lower Upper
106 100
91 194.2 108.1 324.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

VB-25860

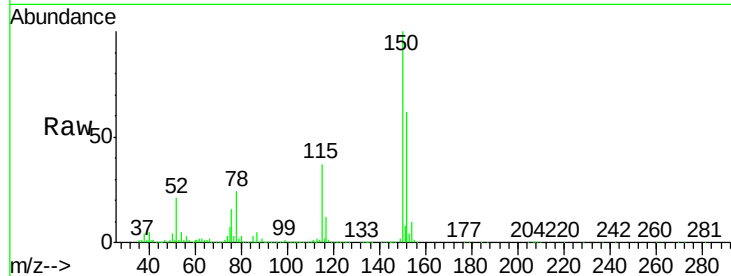
Tgt Ion: 152 Resp: 313703

Ion Ratio Lower Upper

152 100

115 59.5 40.6 121.7

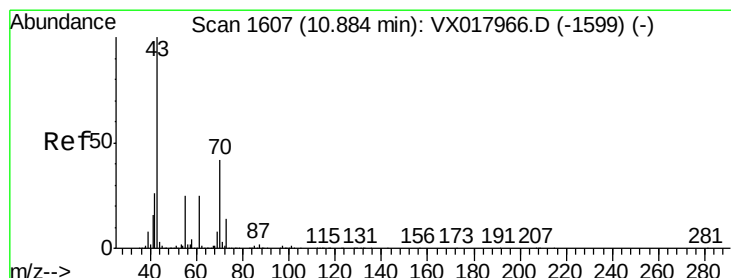
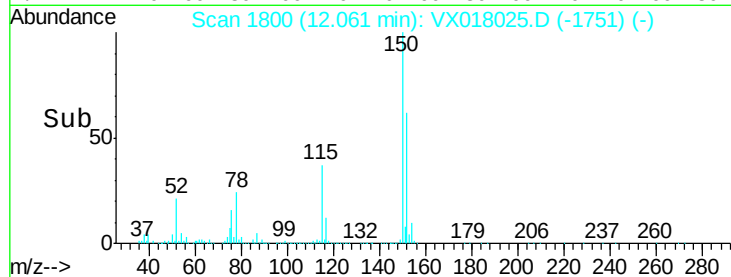
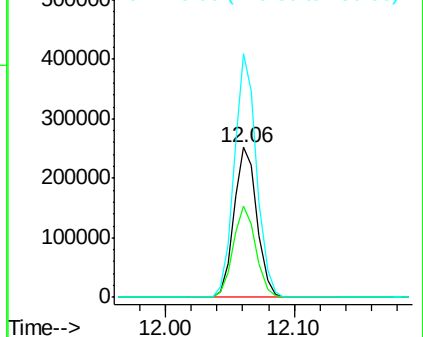
150 156.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.948 ug/l

RT: 10.92 min Scan# 1613

Delta R.T. 0.04 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Tgt Ion: 43 Resp: 17496

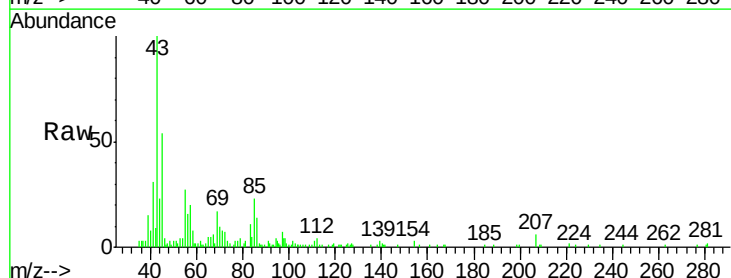
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 19.6 29.4#

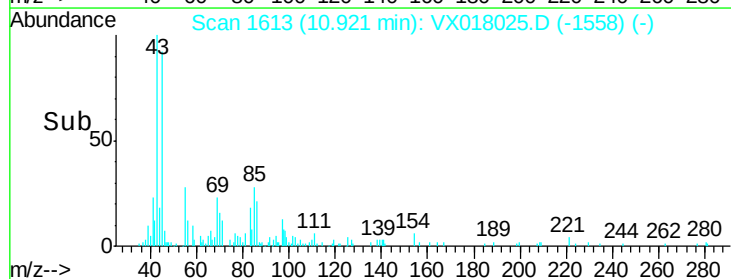
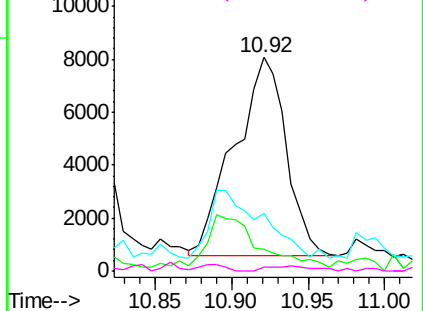


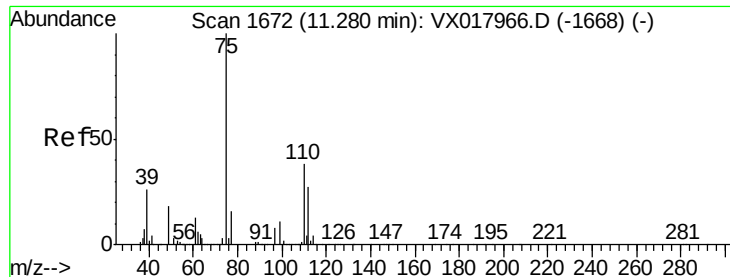
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 22.536 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

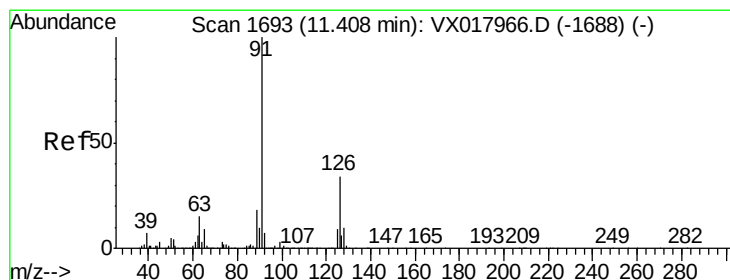
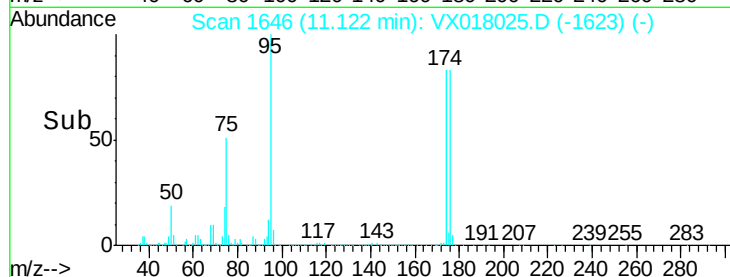
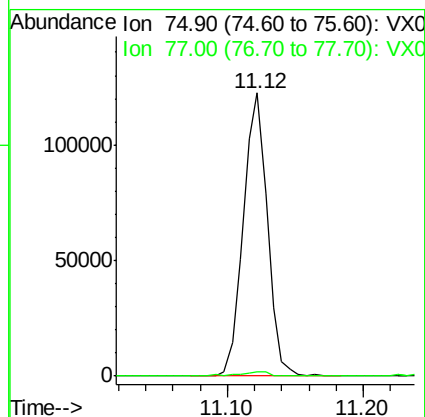
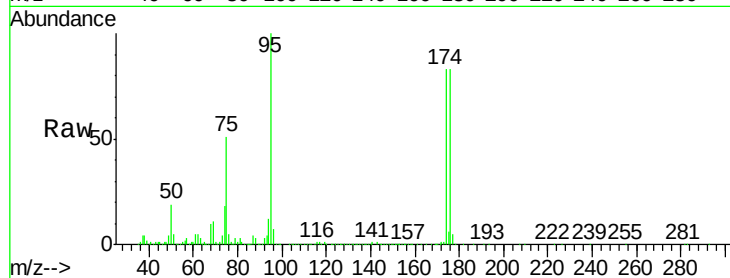
VB-25860

Tgt Ion: 75 Resp: 150345

Ion Ratio Lower Upper

75 100

77 2.1 21.1 63.1#



#79

2-Chlorotoluene

Concen: 0.238 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.07 min

Lab File: VX018025.D

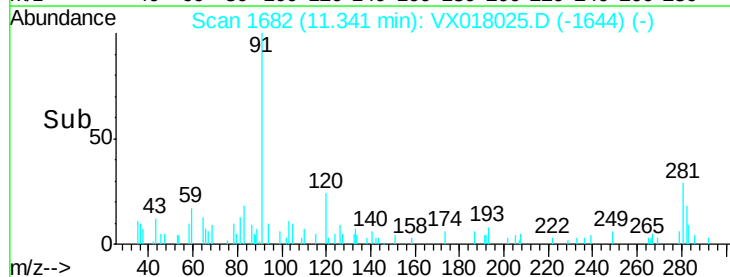
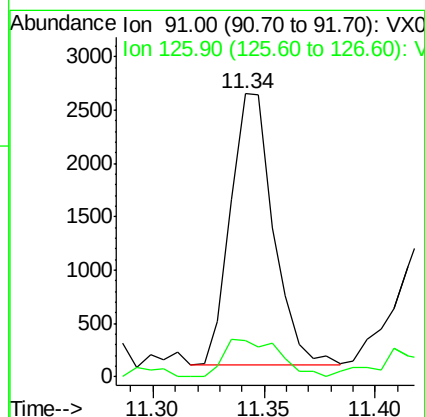
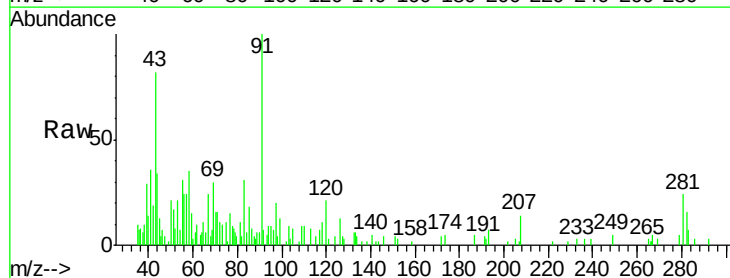
Acq: 20 Aug 2020 11:23

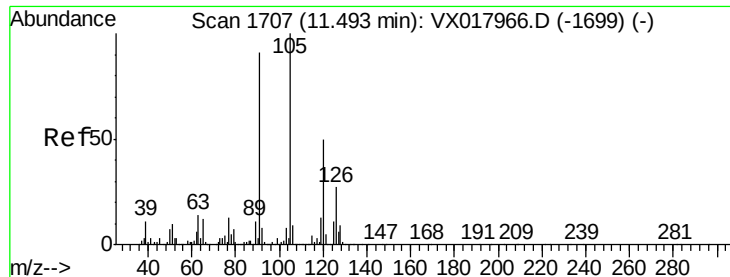
Tgt Ion: 91 Resp: 3425

Ion Ratio Lower Upper

91 100

126 17.8 17.1 51.2

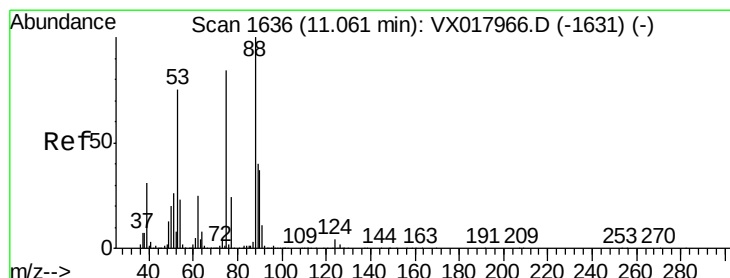
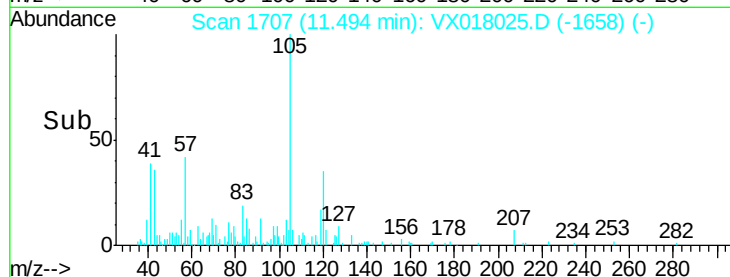
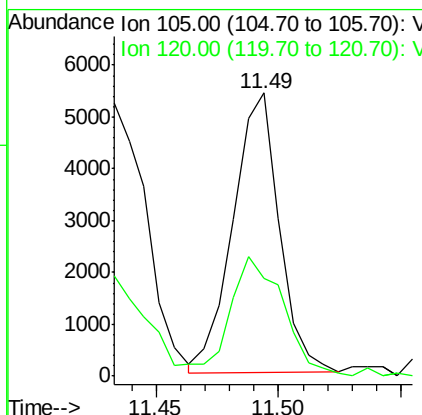
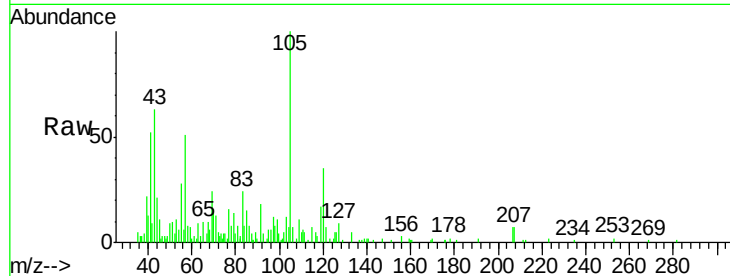




#80
 1,3,5-Trimethylbenzene
 Concen: 0.401 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

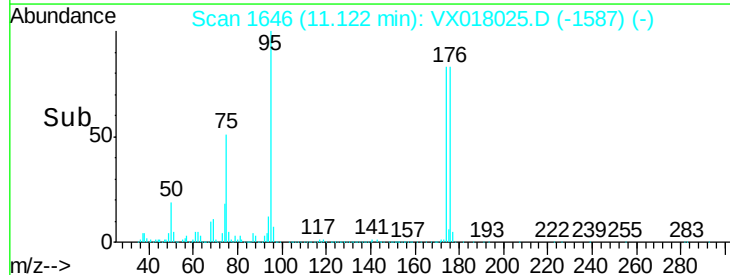
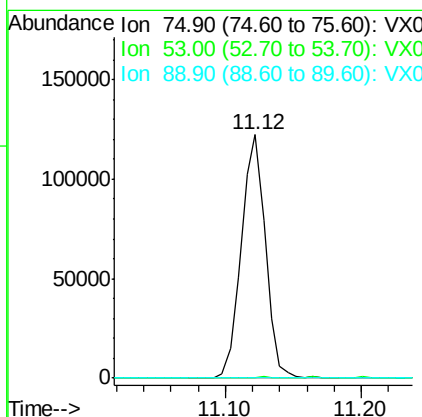
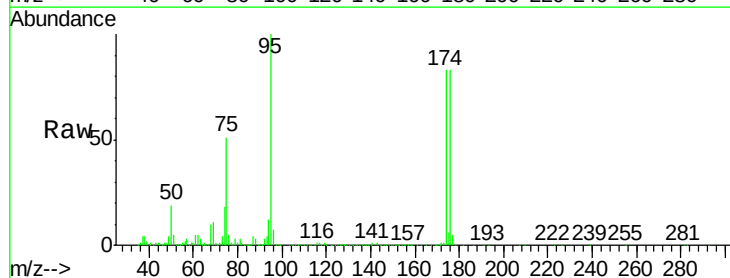
Instrument :
 MSVOA_X
 ClientSampled :
 VB-25860

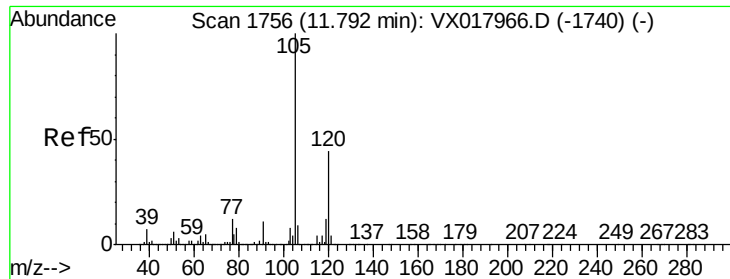
Tgt Ion: 105 Resp: 7108
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.204 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

Tgt Ion: 75 Resp: 150345
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.2 112.8#
 89 0.0 38.4 57.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.520 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

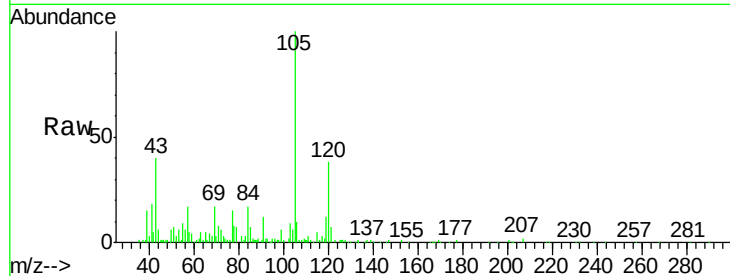
VB-25860

Tgt Ion:105 Resp: 27890

Ion Ratio Lower Upper

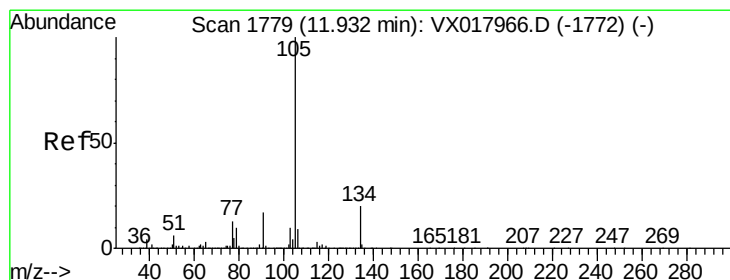
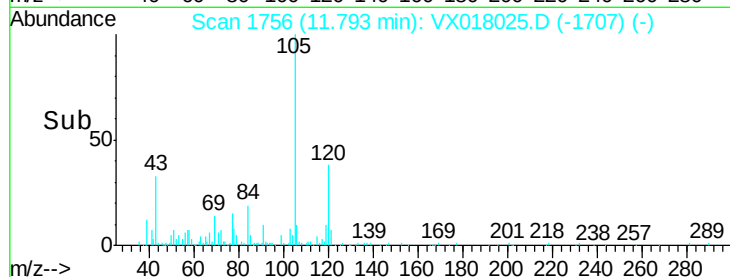
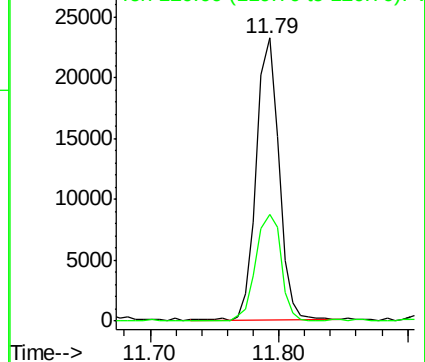
105 100

120 42.8 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.469 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018025.D

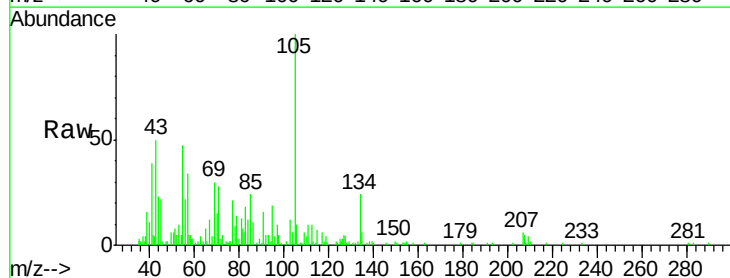
Acq: 20 Aug 2020 11:23

Tgt Ion:105 Resp: 9469

Ion Ratio Lower Upper

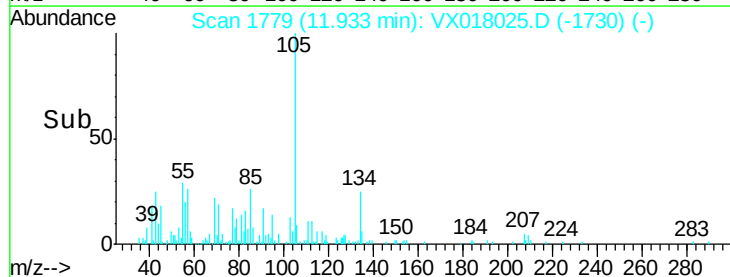
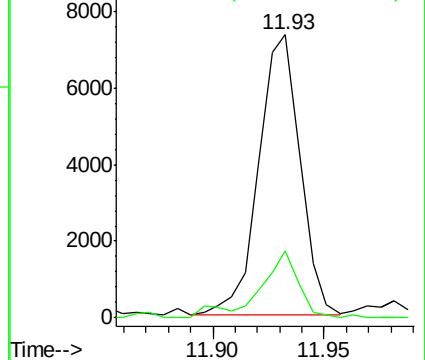
105 100

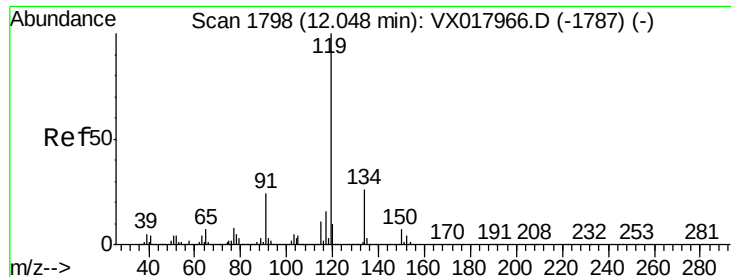
134 23.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

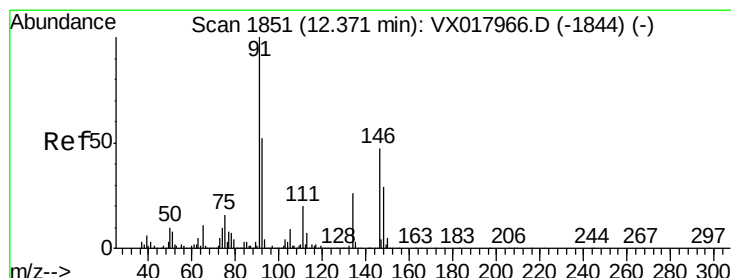
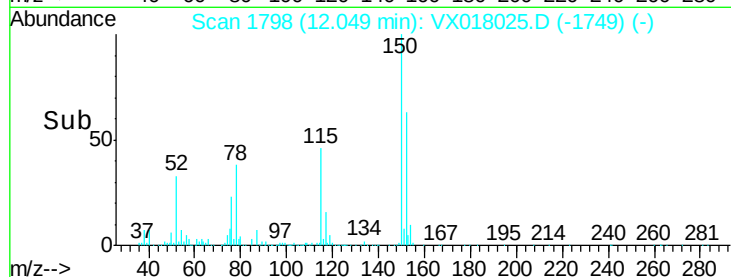
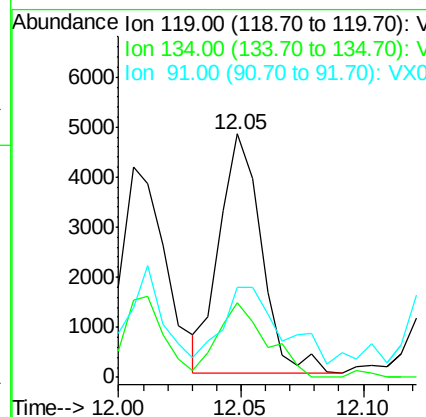
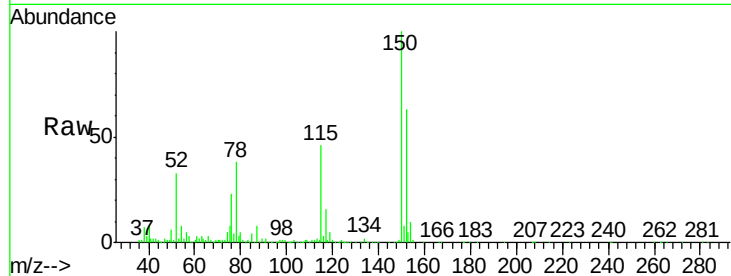




#86
 p-Isopropyltoluene
 Concen: 0.303 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

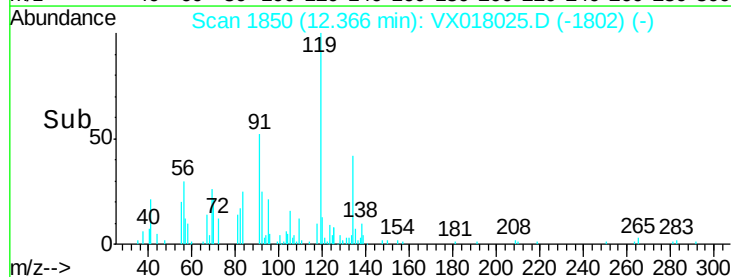
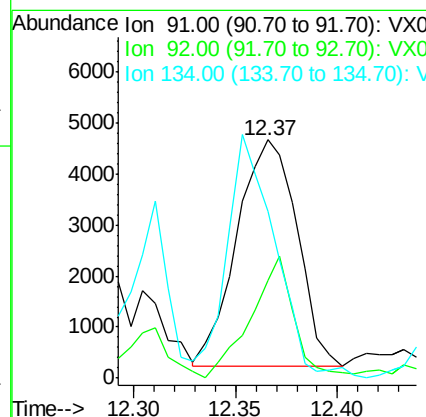
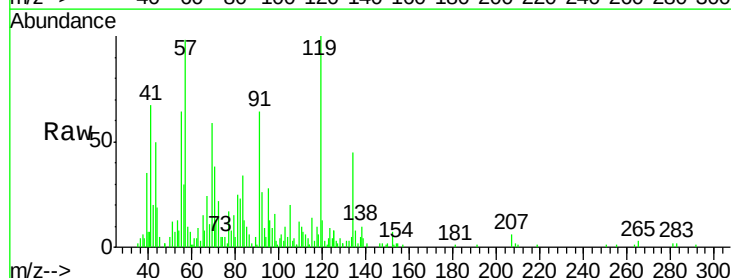
Instrument :
 MSVOA_X
 ClientSampleId :
 VB-25860

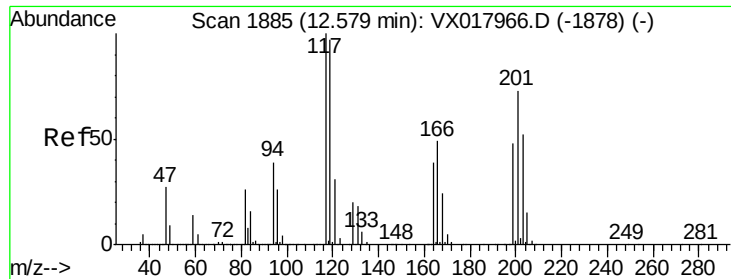
Tgt Ion	Ratio	Lower	Upper
119	100		
134	36.3	12.7	38.0
91	40.3	12.2	36.4#



#89
 n-Butylbenzene
 Concen: 0.580 ug/l
 RT: 12.37 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: VX018025.D
 Acq: 20 Aug 2020 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.2	25.7	77.0
134	86.6	13.4	40.2#





#90

Hexachloroethane

Concen: 0.851 ug/l

RT: 12.59 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

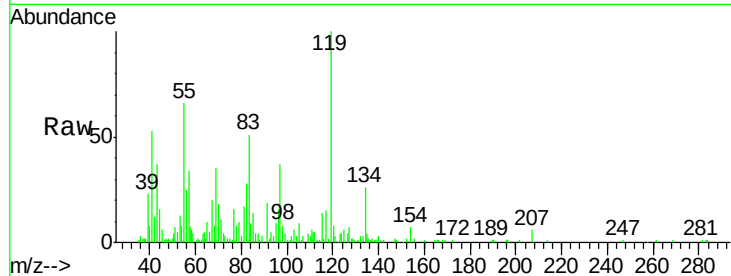
VB-25860

Tgt Ion:117 Resp: 3180

Ion Ratio Lower Upper

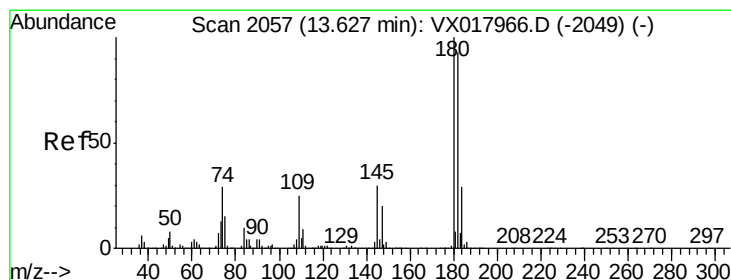
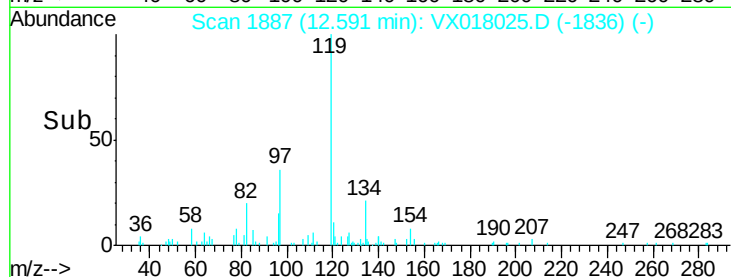
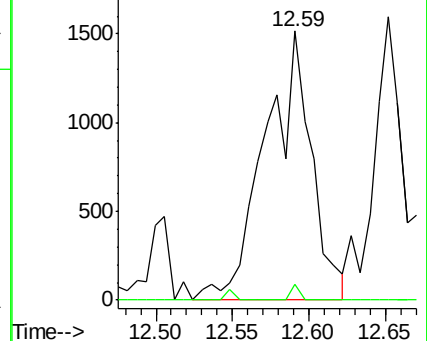
117 100

201 1.0 40.8 122.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.252 ug/l

RT: 13.64 min Scan# 2059

Delta R.T. 0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

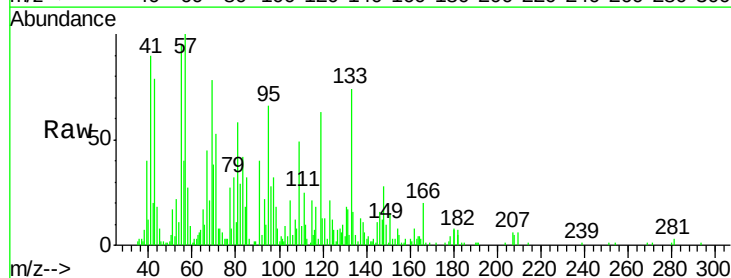
Tgt Ion:180 Resp: 1563

Ion Ratio Lower Upper

180 100

182 82.1 48.8 146.4

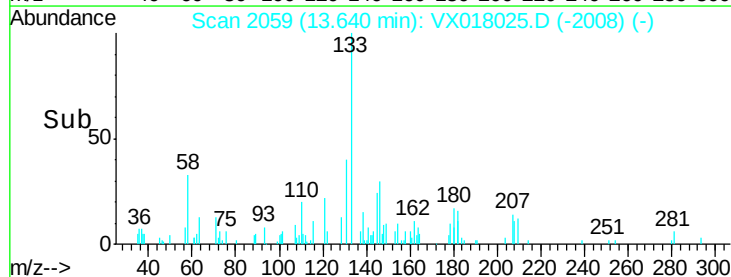
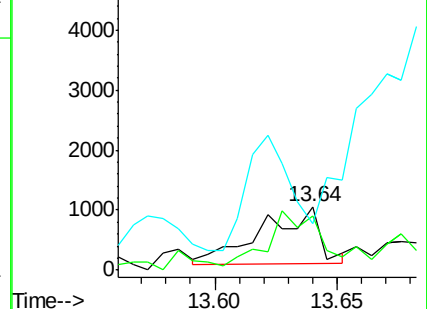
145 159.1 16.0 48.0#

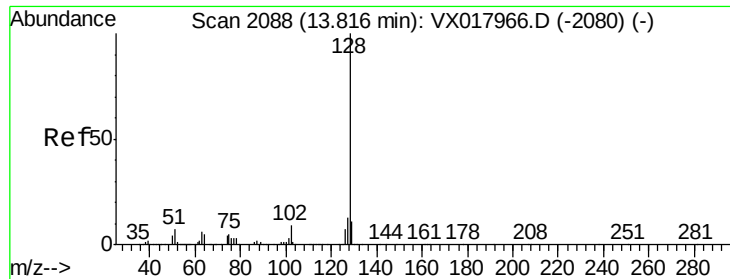


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 1.252 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VB-25860

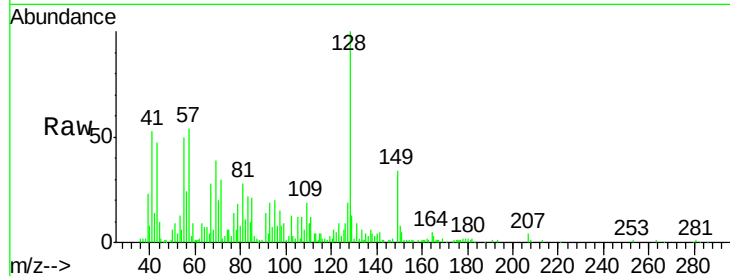
Tgt Ion:128 Resp: 24469

Ion Ratio Lower Upper

128 100

127 22.4 10.7 16.1#

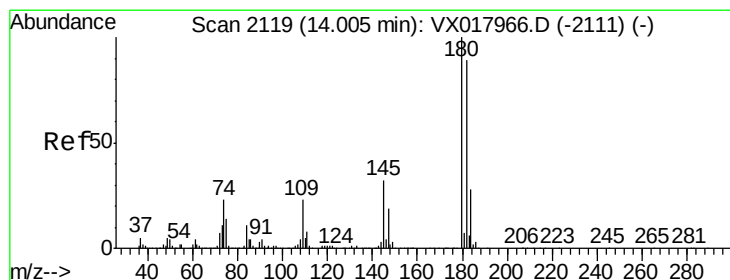
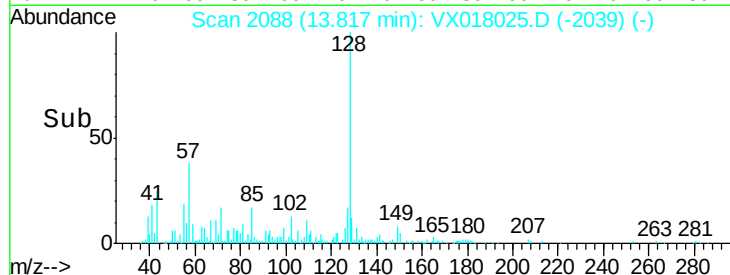
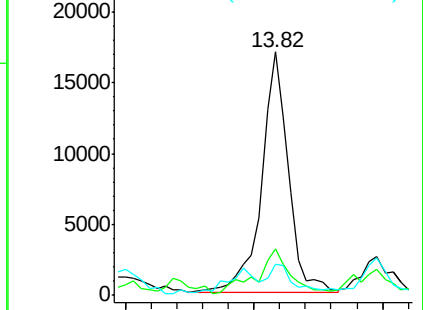
129 8.2 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.209 ug/l

RT: 14.01 min Scan# 2120

Delta R.T. 0.01 min

Lab File: VX018025.D

Acq: 20 Aug 2020 11:23

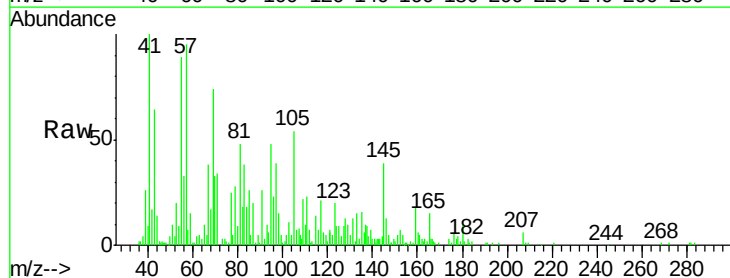
Tgt Ion:180 Resp: 1315

Ion Ratio Lower Upper

180 100

182 57.8 46.6 139.8

145 462.7 16.8 50.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

