

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018438.D
 Acq On : 16 Sep 2020 14:34
 Operator : JC/SP
 Sample : L4008-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13703DL

Quant Time: Sep 17 04:18:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	471951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	728426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	690855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	354229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	323193	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
35) Dibromofluoromethane	5.46	113	252440	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
50) Toluene-d8	8.70	98	900852	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.12	95	338510	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1364	0.225	ug/l #	55
5) Bromomethane	1.64	94	856	0.294	ug/l	88
10) Methyl Iodide	2.50	142	1390	5.548	ug/l #	81
11) Tert butyl alcohol	3.00	59	35033	27.500	ug/l #	93
13) Acrolein	2.28	56	1447	2.739	ug/l	98
15) Acrylonitrile	3.11	53	1458	0.505	ug/l #	49
16) Acetone	2.42	43	307004	120.252	ug/l	96
17) Carbon Disulfide	2.55	76	3831	0.275	ug/l #	91
18) Methyl Acetate	2.75	43	2941	0.477	ug/l #	89
20) Methylene Chloride	2.84	84	2131	Below Cal	#	77
21) trans-1,2-Dichloroethene	3.16	96	1475	0.289	ug/l #	4
22) Diisopropyl ether	3.99	45	594752	36.366	ug/l #	1
23) Vinyl Acetate	3.98	43	1490275	102.407	ug/l #	73
25) 2-Butanone	4.64	43	60860	14.505	ug/l	95
28) Bromochloromethane	4.98	49	1098	0.244	ug/l #	36
29) Tetrahydrofuran	5.12	42	1555	0.582	ug/l #	76
36) 1,1-Dichloropropene	5.63	75	37325	5.555	ug/l #	51
37) Ethyl Acetate	4.64	43	60703	7.779	ug/l #	70
38) Carbon Tetrachloride	5.63	117	49018	6.474	ug/l #	19
42) 1,2-Dichloroethane	6.17	62	1885	0.249	ug/l	87
49) 1,4-Dioxane	7.70	88	135	1.188	ug/l #	23
51) 4-Methyl-2-Pentanone	8.62	43	91117	11.704	ug/l	100
52) Toluene	8.76	92	170490	13.619	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	2268	0.274	ug/l #	62
59) 2-Hexanone	9.20	43	28002	4.730	ug/l	94
67) Ethyl Benzene	10.24	91	33982	1.448	ug/l	96
68) m/p-Xylenes	10.34	106	66412	7.583	ug/l	93
69) o-Xylene	10.68	106	26067	3.070	ug/l	93
70) Styrene	10.70	104	10119	0.700	ug/l #	58
76) 1,2,3-Trichloropropane	11.12	75	178272	22.623	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	178272	61.102	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.63	180	1937	0.272	ug/l #	63
94) Hexachlorobutadiene	13.76	225	1824	0.650	ug/l	87
95) Naphthalene	13.82	128	5333	0.228	ug/l #	88

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Quant Time: Sep 17 04:18:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

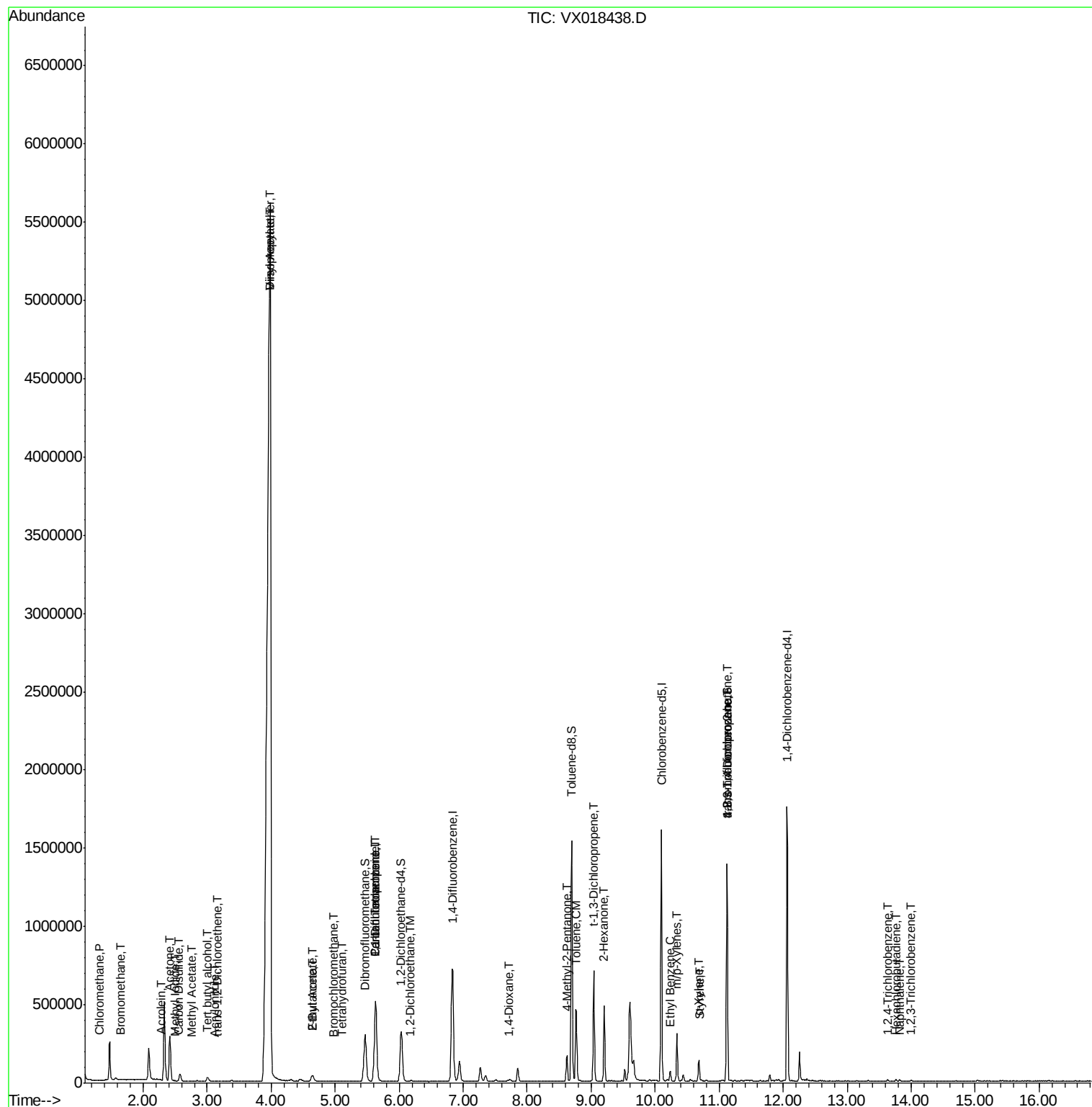
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.01	180	2138	0.304	ug/l	94

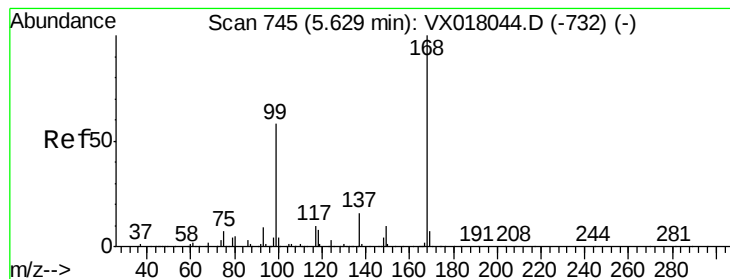
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091620\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

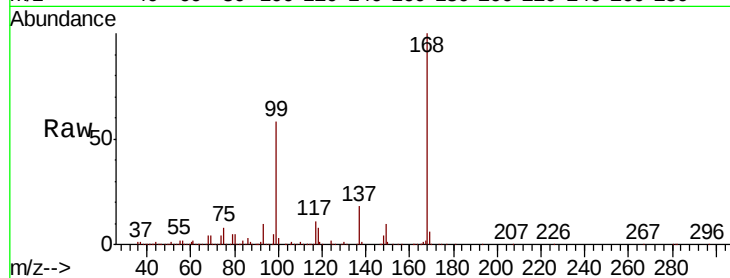
13703DL

Tot Ion:168 Resp: 471951

Ion Ratio Lower Upper

168 100

99 58.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

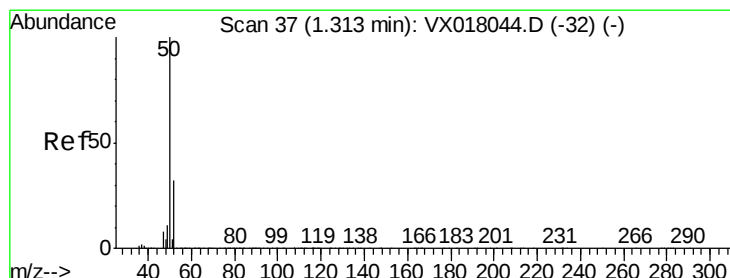
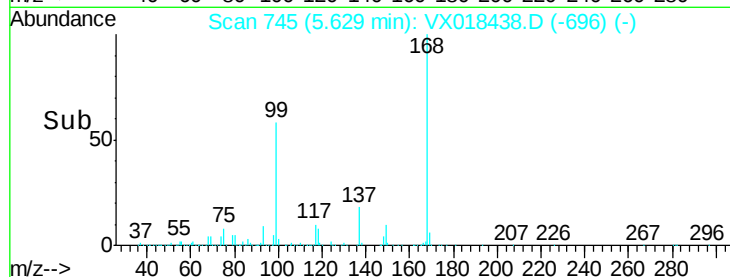
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.225 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018438.D

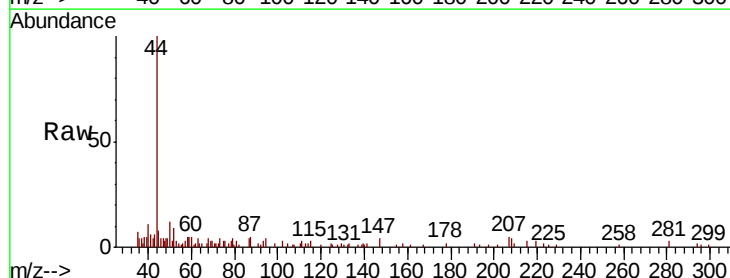
Acq: 16 Sep 2020 14:34

Tgt Ion: 50 Resp: 1364

Ion Ratio Lower Upper

50 100

52 56.6 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

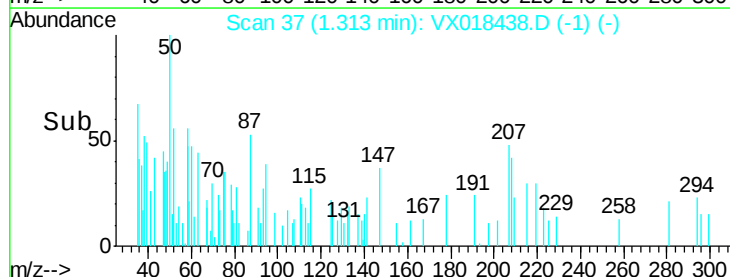
600

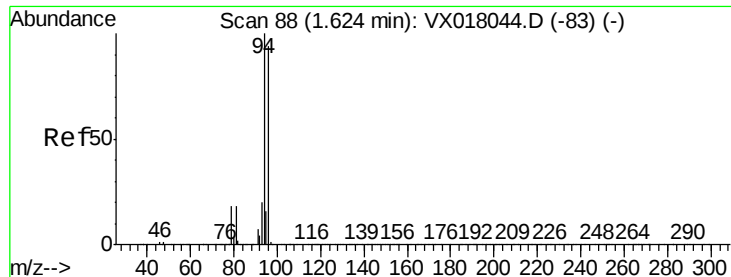
400

200

0

Time-->





#5

Bromomethane

Concen: 0.294 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

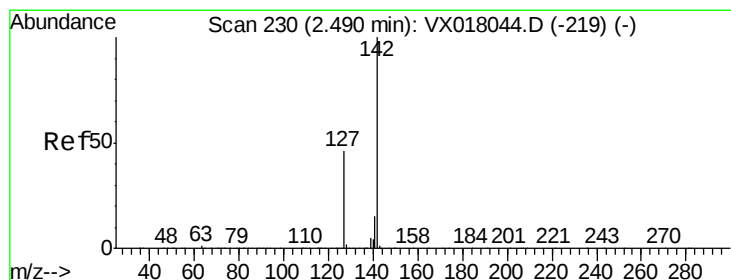
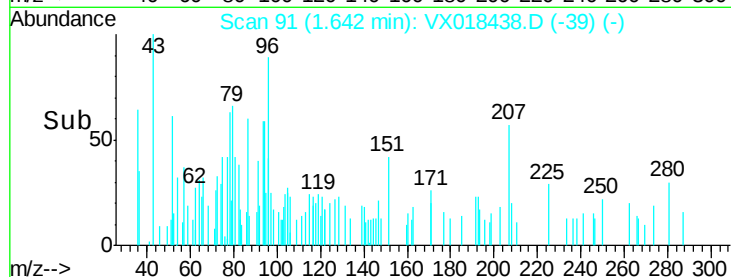
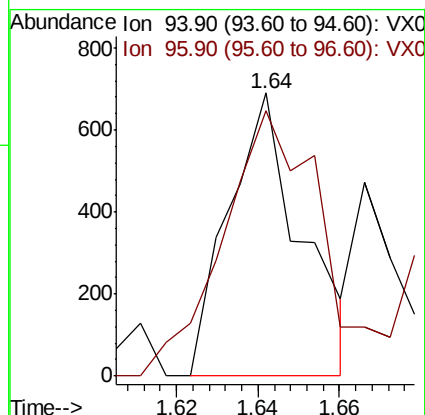
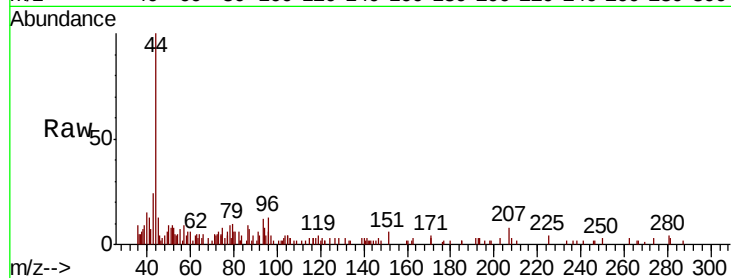
13703DL

Tot Ion: 94 Resp: 856

Ion Ratio Lower Upper

94 100

96 104.6 74.8 112.2



#10

Methyl Iodide

Concen: 5.548 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

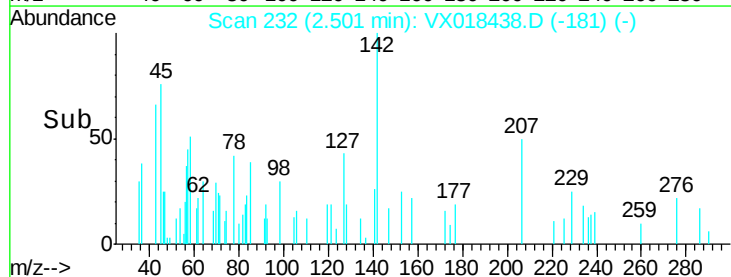
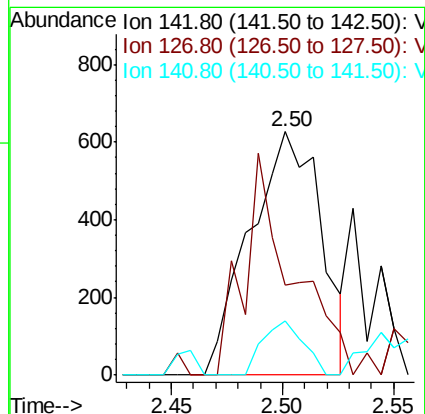
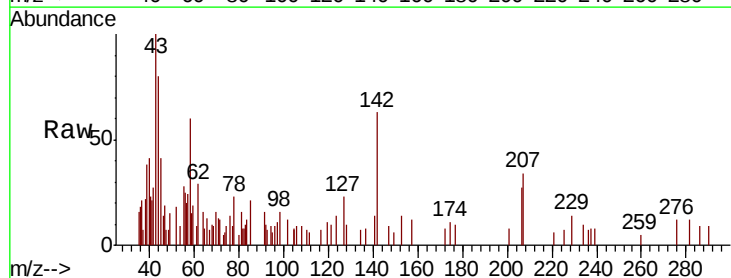
Tgt Ion: 142 Resp: 1390

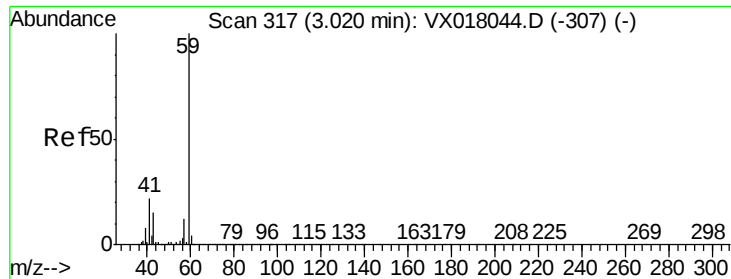
Ion Ratio Lower Upper

142 100

127 61.9 37.0 55.6#

141 12.7 11.5 17.3

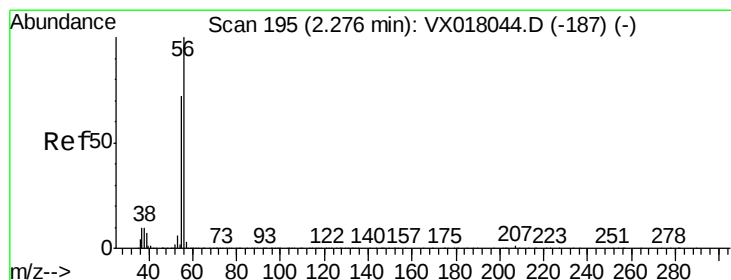
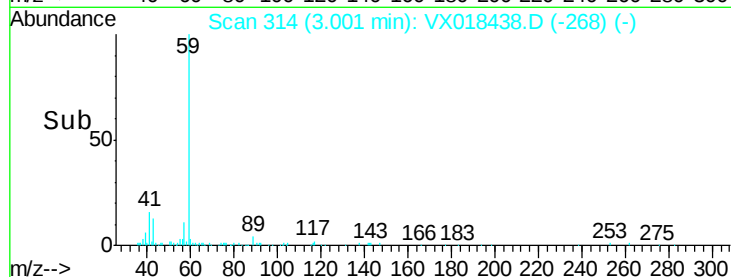
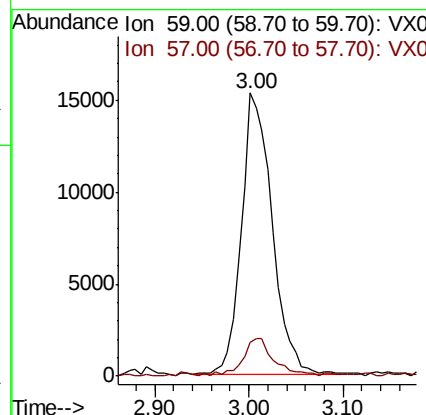
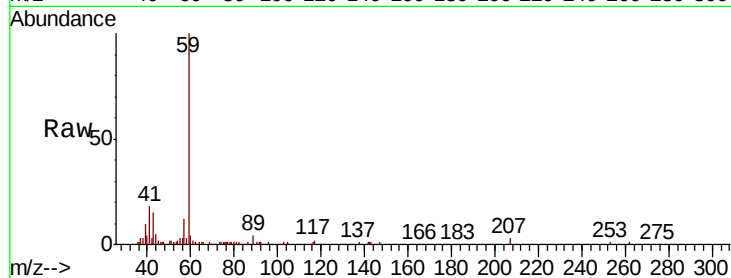




#11
Tert butyl alcohol
Concen: 27.500 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

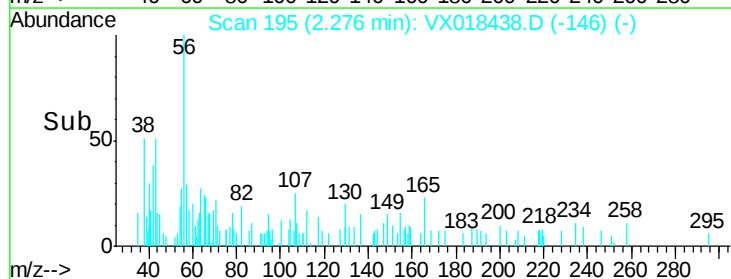
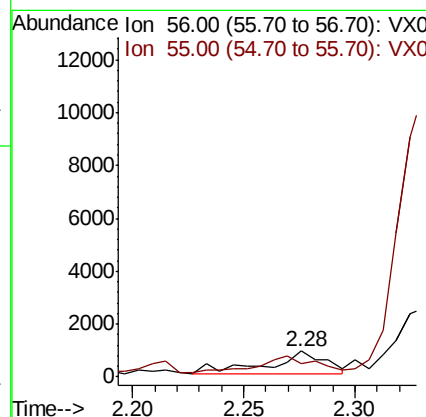
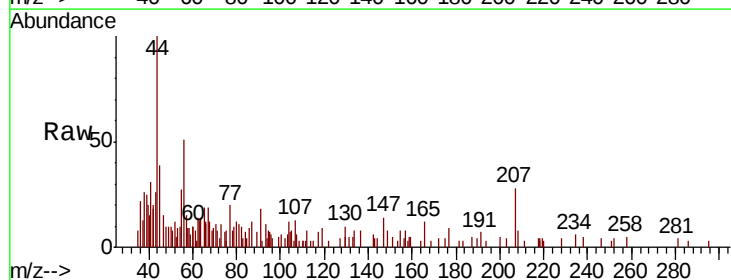
Instrument :
MSVOA_X
ClientSampleId :
13703DL

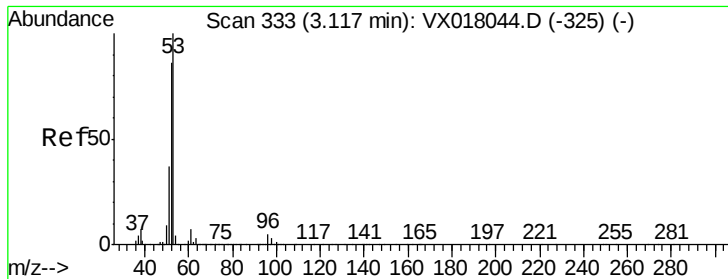
Tot Ion: 59 Resp: 35033
Ion Ratio Lower Upper
59 100
57 13.7 8.9 13.3#



#13
Acrolein
Concen: 2.739 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion: 56 Resp: 1447
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.6





#15

Acrylonitrile

Concen: 0.505 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleID :

13703DL

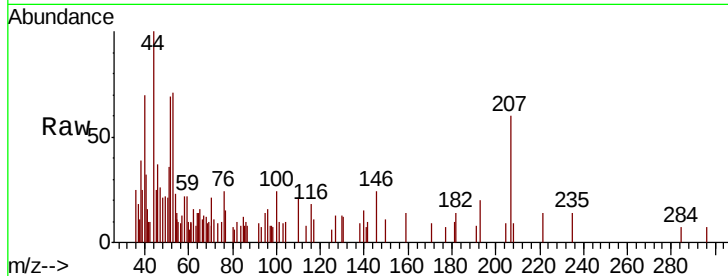
Tot Ion: 53 Resp: 1458

Ion Ratio Lower Upper

53 100

52 42.0 66.9 100.3#

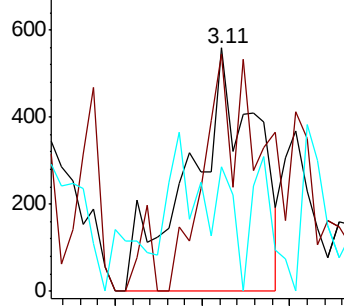
51 0.0 28.7 43.1#



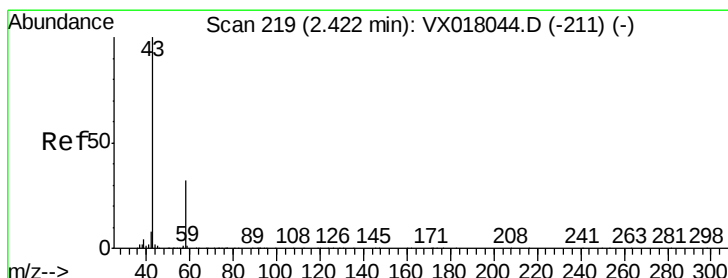
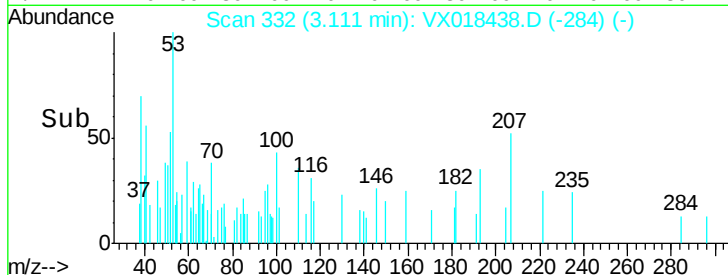
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 120.252 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018438.D

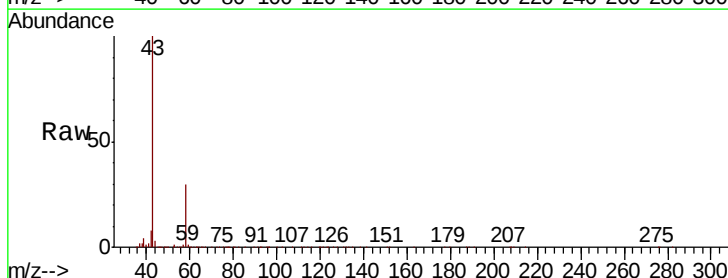
Acq: 16 Sep 2020 14:34

Tgt Ion: 43 Resp: 307004

Ion Ratio Lower Upper

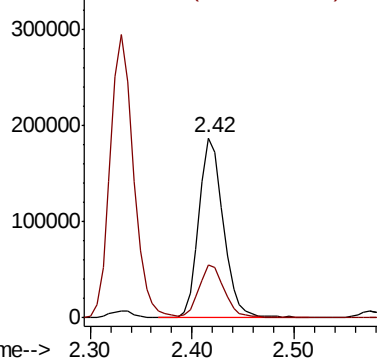
43 100

58 29.6 25.5 38.3

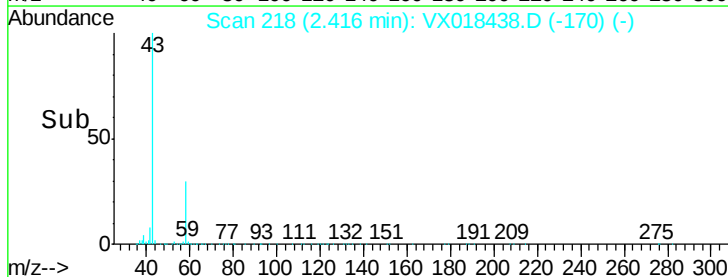


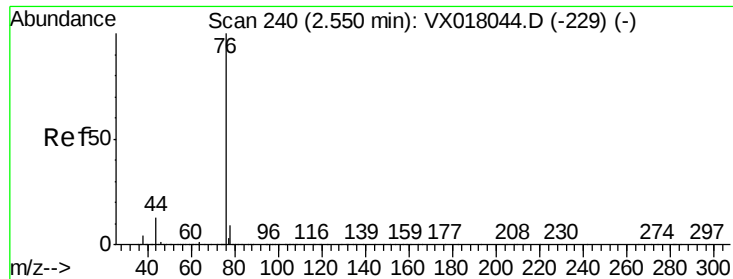
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 0.275 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

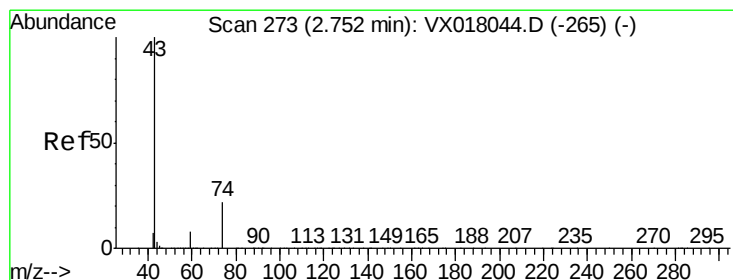
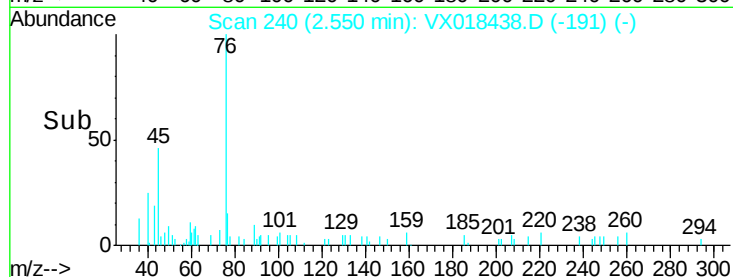
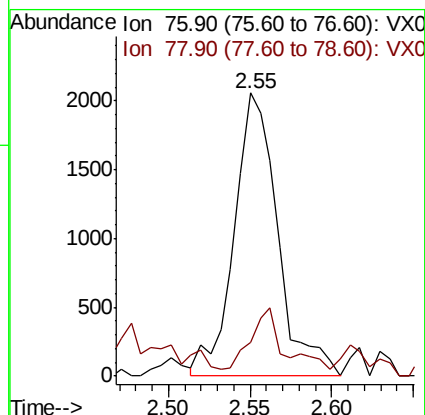
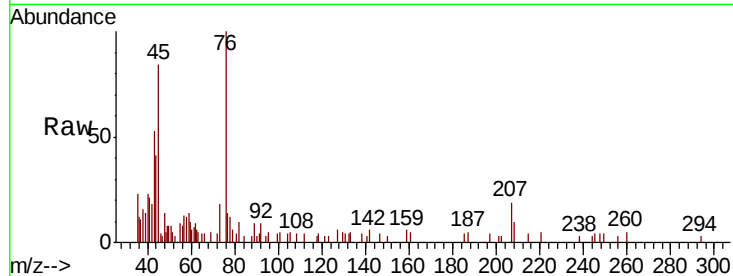
13703DL

Tot Ion: 76 Resp: 3831

Ion Ratio Lower Upper

76 100

78 5.8 7.4 11.0#



#18

Methyl Acetate

Concen: 0.477 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018438.D

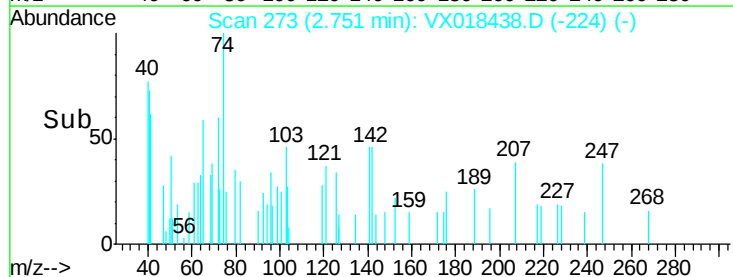
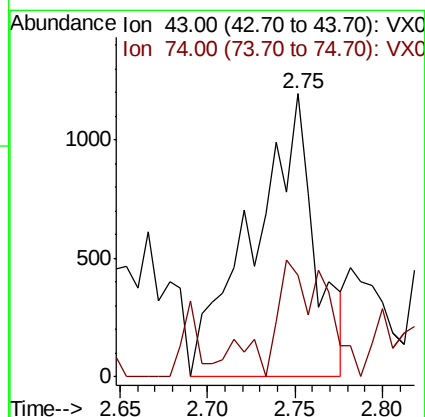
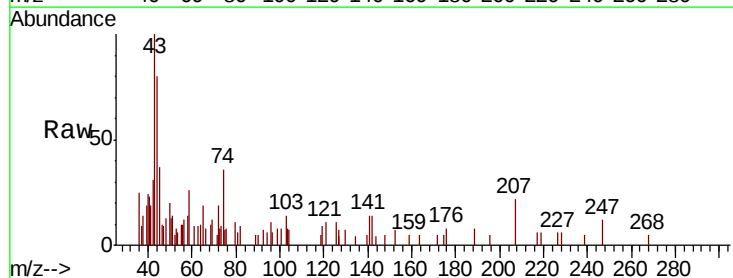
Acq: 16 Sep 2020 14:34

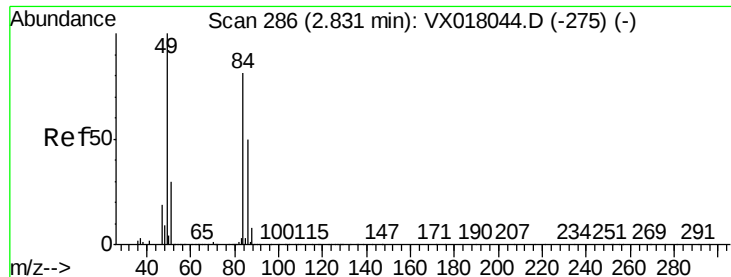
Tgt Ion: 43 Resp: 2941

Ion Ratio Lower Upper

43 100

74 17.6 18.2 27.4#

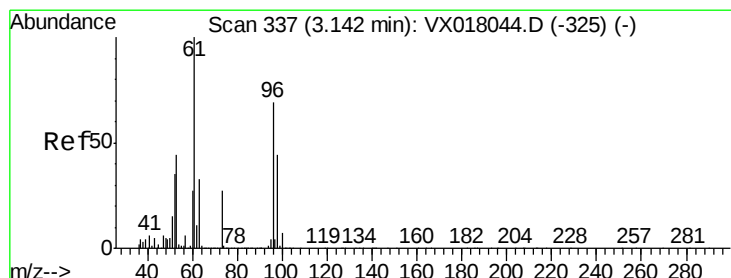
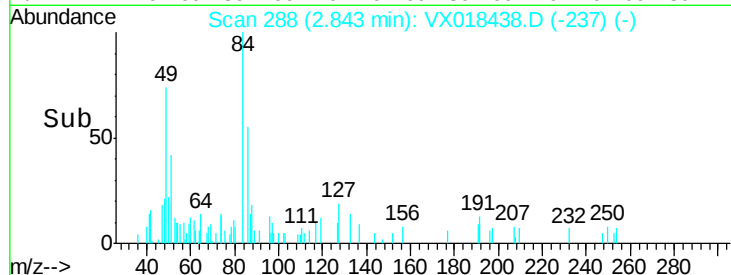
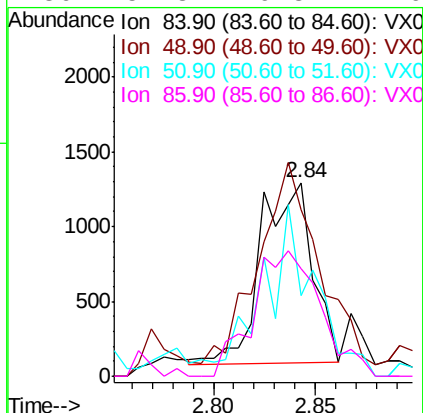
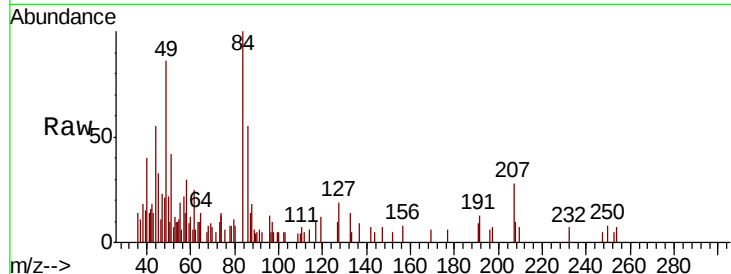




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

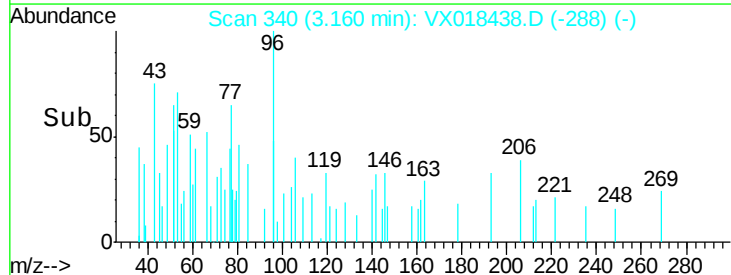
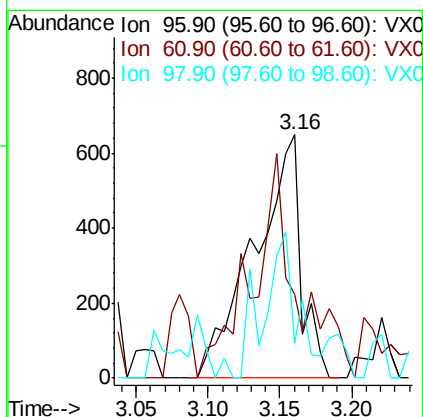
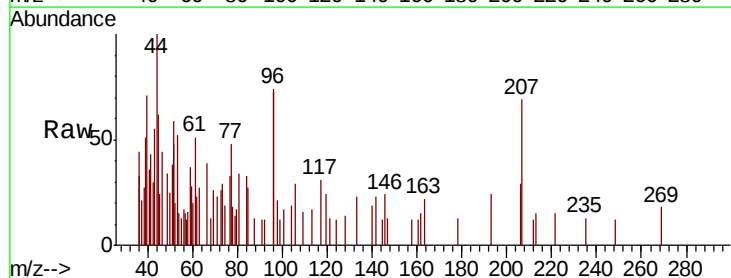
Instrument :
MSVOA_X
ClientSampled :
13703DL

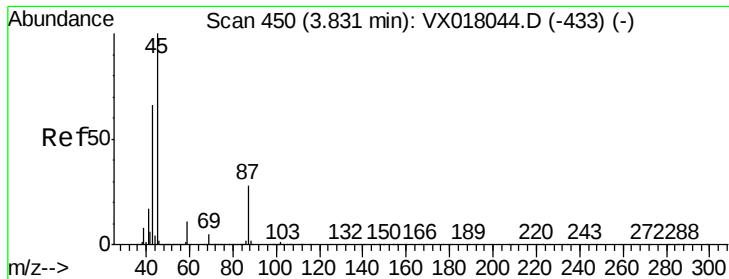
Tot Ion:	84	Resp:	2131
Ion	Ratio	Lower	Upper
84	100		
49	85.1	98.6	148.0#
51	37.9	29.6	44.4
86	51.3	49.8	74.6



#21
trans-1,2-Dichloroethene
Concen: 0.289 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.02 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion:	96	Resp:	1475
Ion	Ratio	Lower	Upper
96	100		
61	13.4	115.4	173.0#
98	5.9	51.1	76.7#





#22

Diisopropyl ether

Concen: 36.366 ug/l

RT: 3.99 min Scan# 476

Delta R.T. 0.16 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

Tot Ion: 45 Resp: 594752

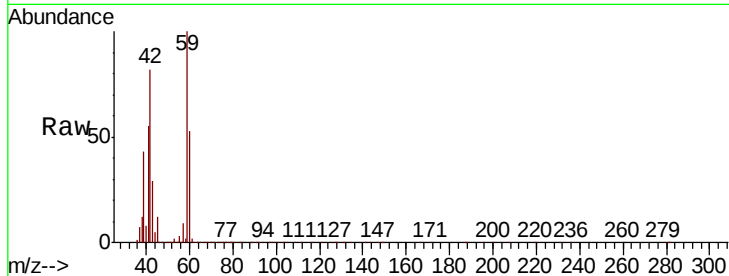
Ion Ratio Lower Upper

45 100

43 239.4 52.8 79.2#

87 0.0 22.5 33.7#

59 834.3 9.0 13.6#

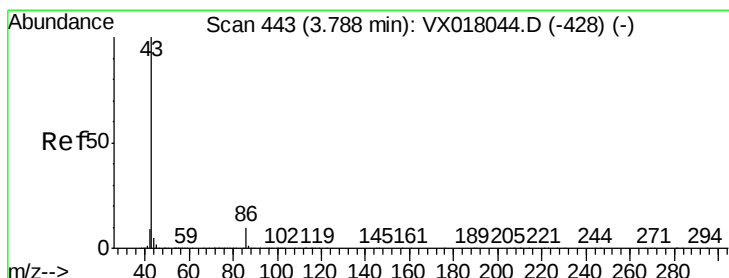
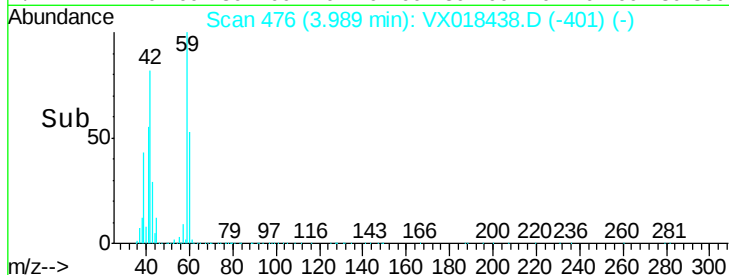
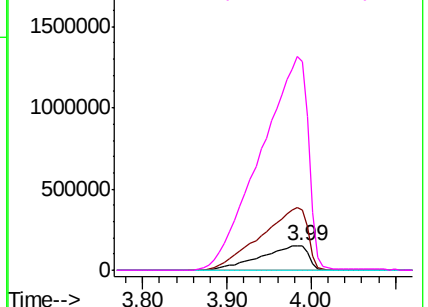


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 102.407 ug/l

RT: 3.98 min Scan# 475

Delta R.T. 0.19 min

Lab File: VX018438.D

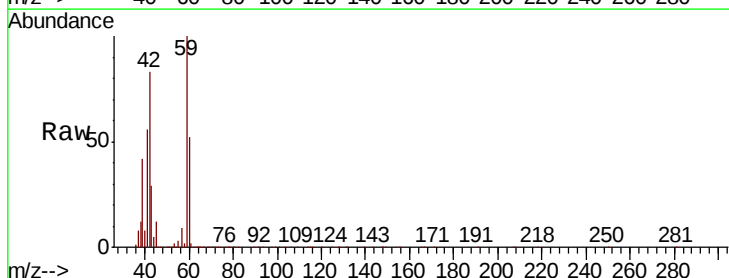
Acq: 16 Sep 2020 14:34

Tgt Ion: 43 Resp: 1490275

Ion Ratio Lower Upper

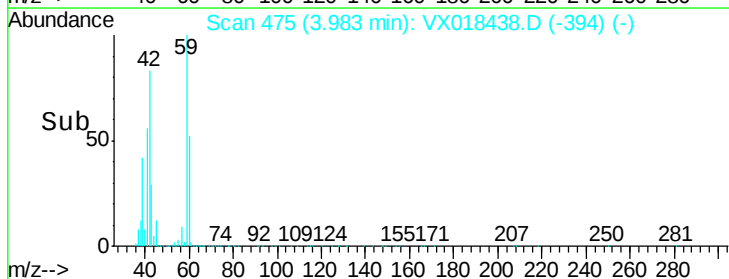
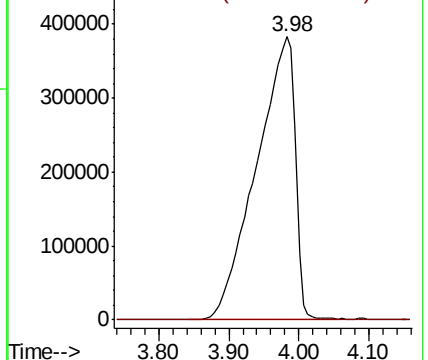
43 100

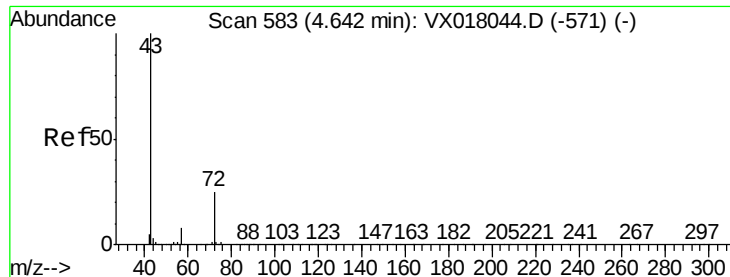
86 0.0 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 14.505 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

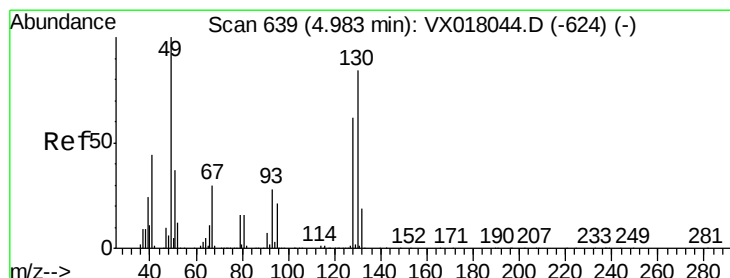
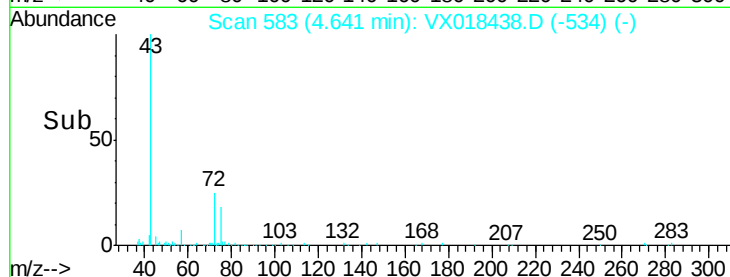
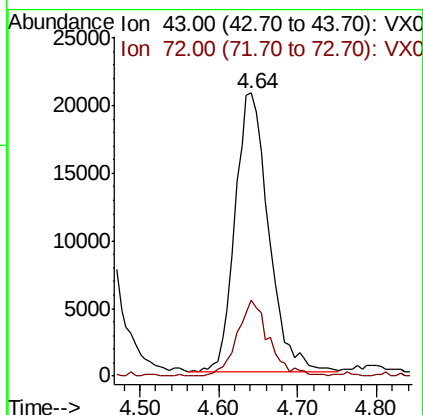
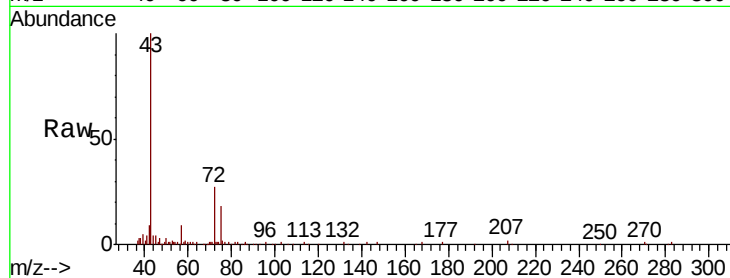
13703DL

Tot Ion: 43 Resp: 60860

Ion Ratio Lower Upper

43 100

72 27.3 19.8 29.6



#28

Bromochloromethane

Concen: 0.244 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

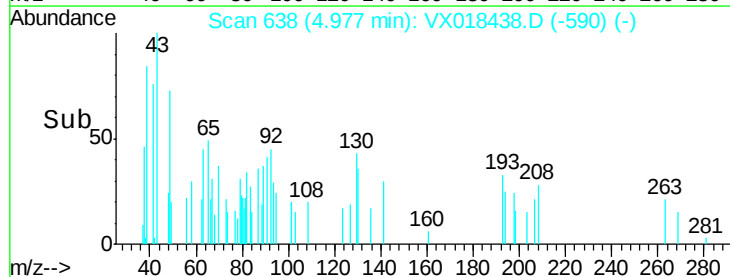
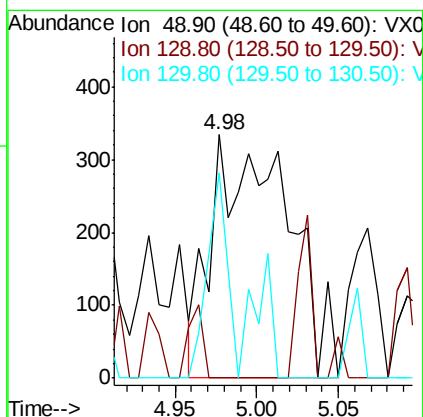
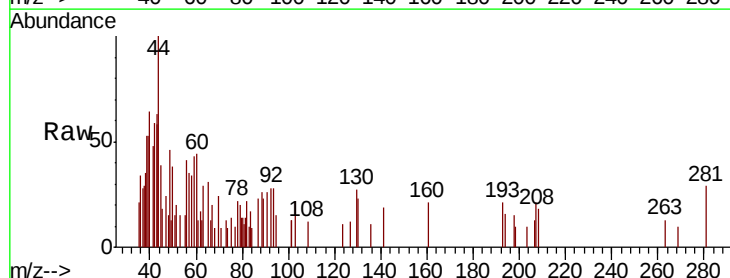
Tgt Ion: 49 Resp: 1098

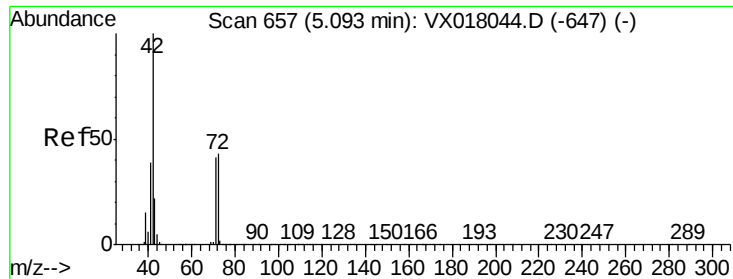
Ion Ratio Lower Upper

49 100

129 5.6 0.0 4.6#

130 22.1 64.6 96.8#





#29

Tetrahydrofuran

Concen: 0.582 ug/l

RT: 5.12 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

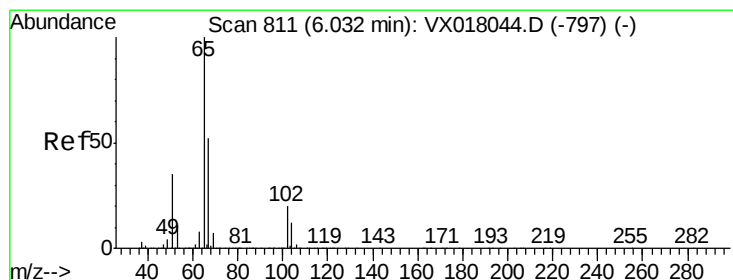
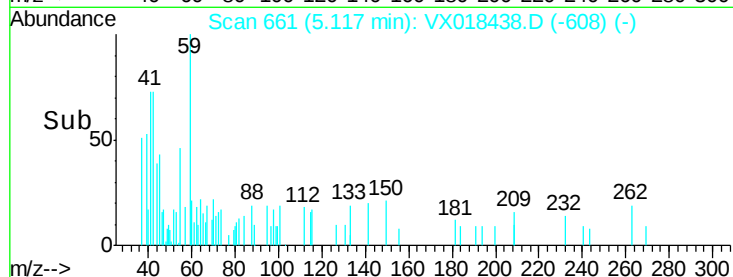
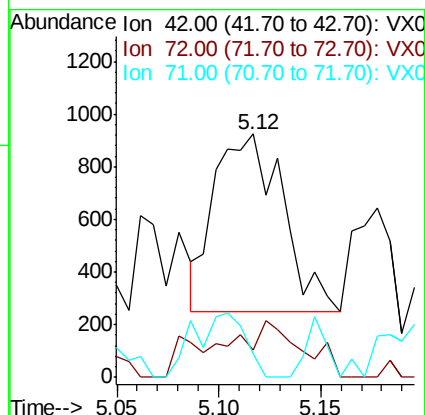
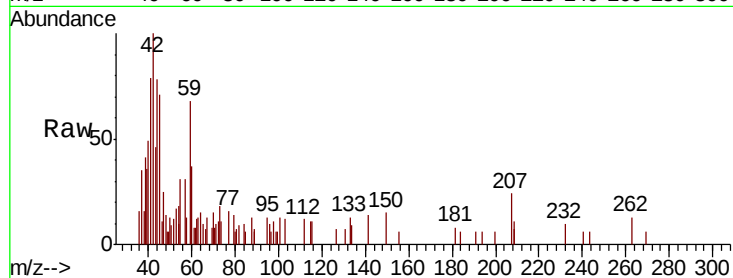
Tot Ion: 42 Resp: 1555

Ion Ratio Lower Upper

42 100

72 25.7 34.2 51.4#

71 27.2 32.1 48.1#



#33

1,2-Dichloroethane-d4

Concen: 49.328 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018438.D

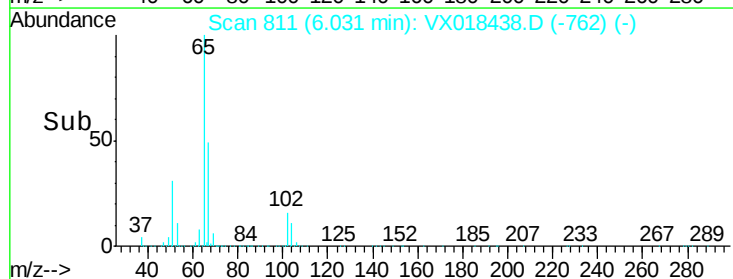
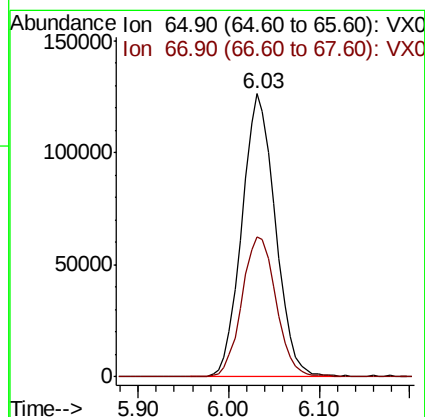
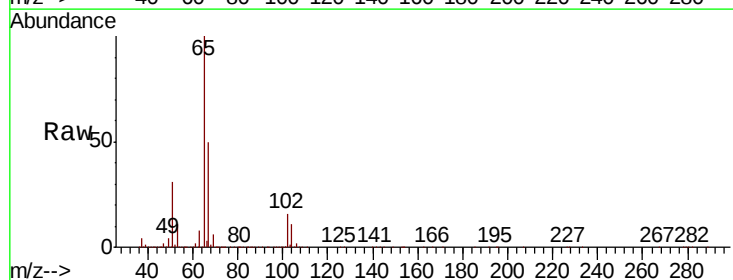
Acq: 16 Sep 2020 14:34

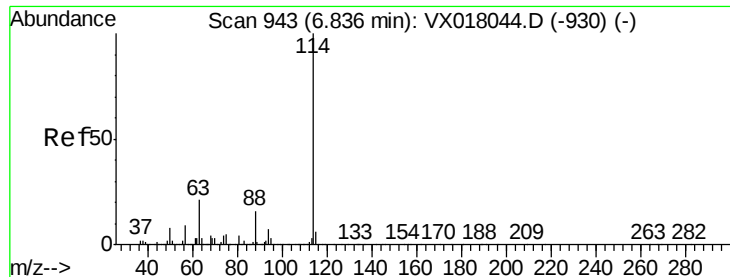
Tgt Ion: 65 Resp: 323193

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

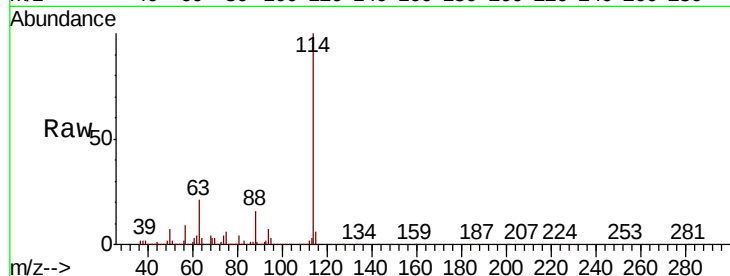
Tot Ion:114 Resp: 728426

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

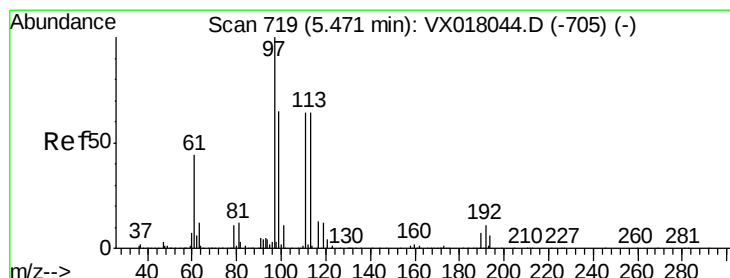
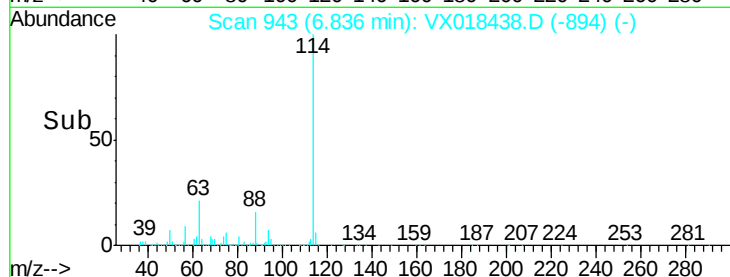
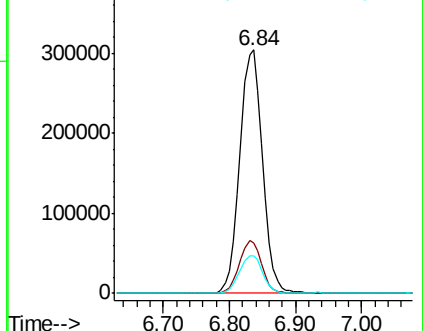
88 15.6 0.0 31.8



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: 50.886 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

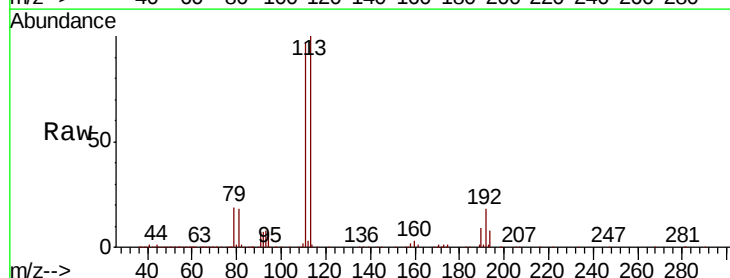
Tgt Ion:113 Resp: 252440

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

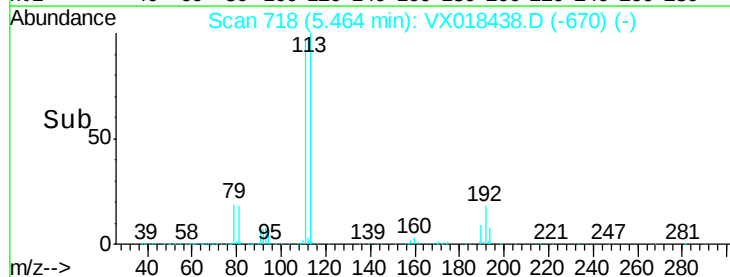
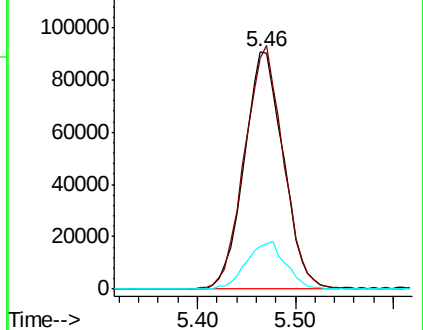
192 20.2 15.8 23.8

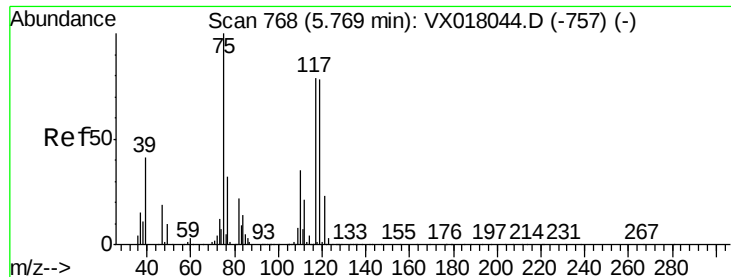


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

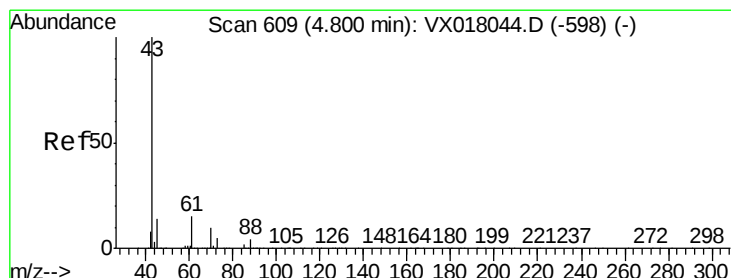
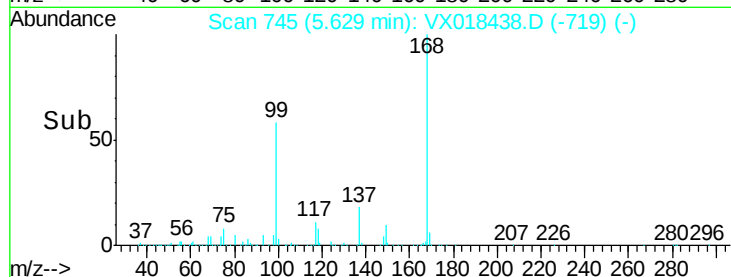
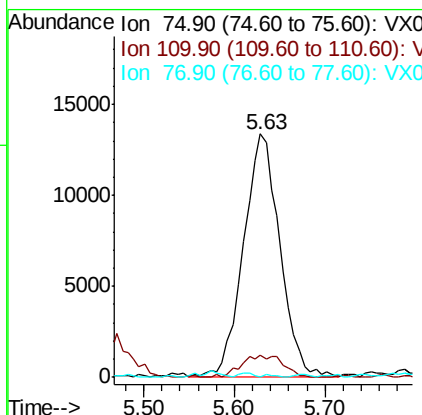
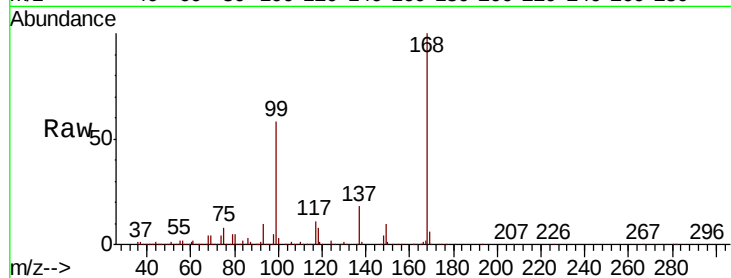




#36
 1,1-Dichloropropene
 Concen: 5.555 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018438.D
 Acq: 16 Sep 2020 14:34

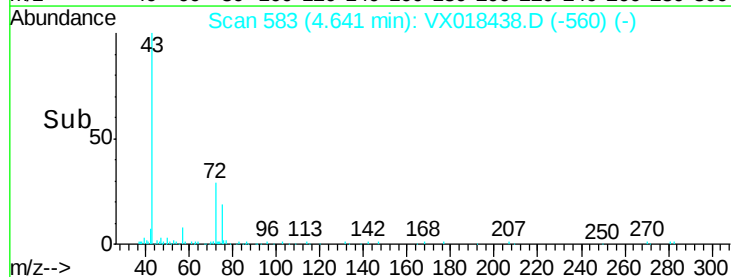
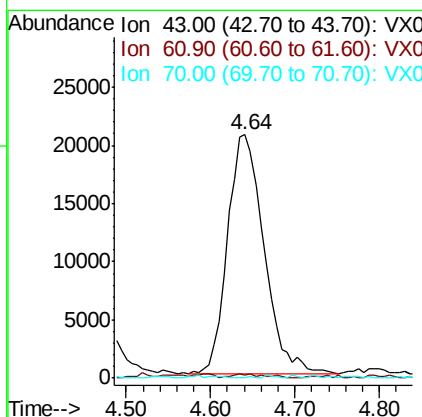
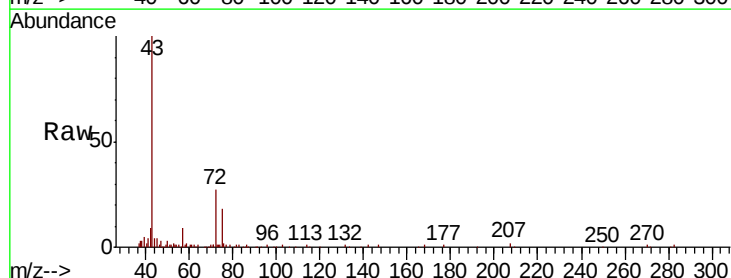
Instrument :
 MSVOA_X
 ClientSampleId :
 13703DL

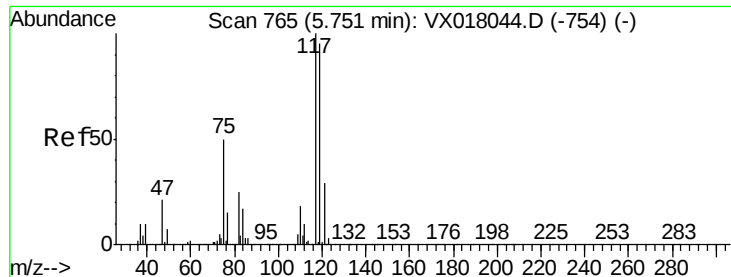
Tot Ion: 75 Resp: 37325
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.0 54.0#
 77 0.4 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 7.779 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. -0.16 min
 Lab File: VX018438.D
 Acq: 16 Sep 2020 14:34

Tgt Ion: 43 Resp: 60703
 Ion Ratio Lower Upper
 43 100
 61 1.3 11.3 16.9#
 70 0.0 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 6.474 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

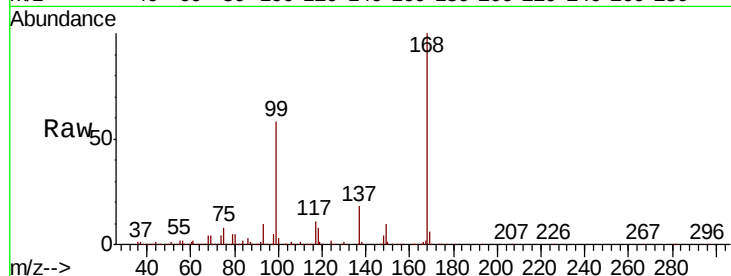
Tot Ion:117 Resp: 49018

Ion Ratio Lower Upper

117 100

119 8.4 75.8 113.6#

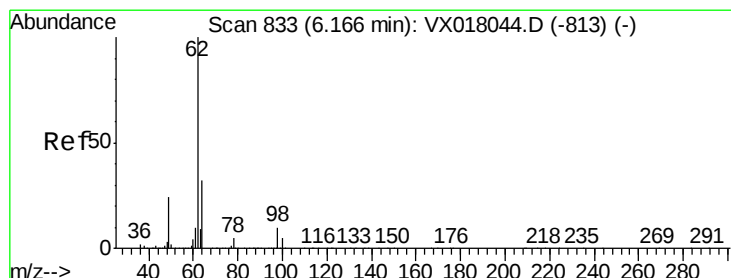
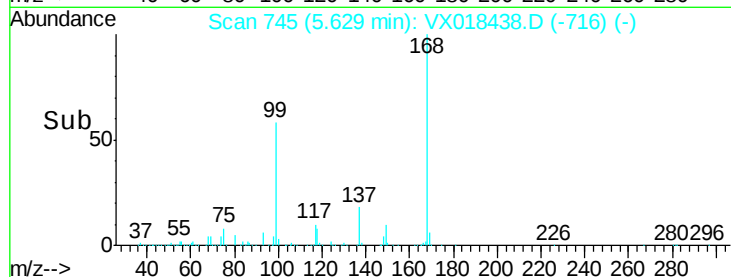
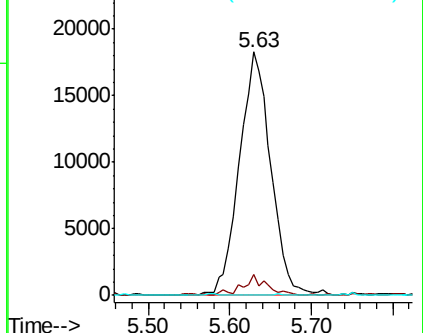
121 0.0 23.4 35.0#



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



#42

1,2-Dichloroethane

Concen: 0.249 ug/l

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018438.D

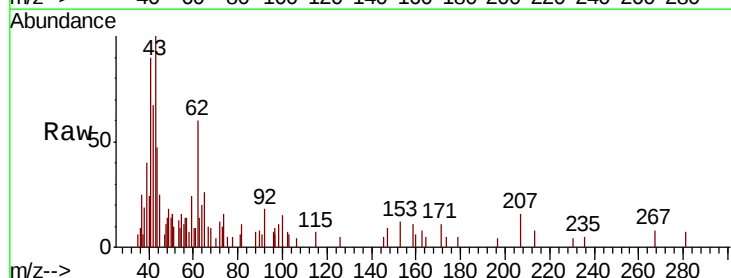
Acq: 16 Sep 2020 14:34

Tgt Ion: 62 Resp: 1885

Ion Ratio Lower Upper

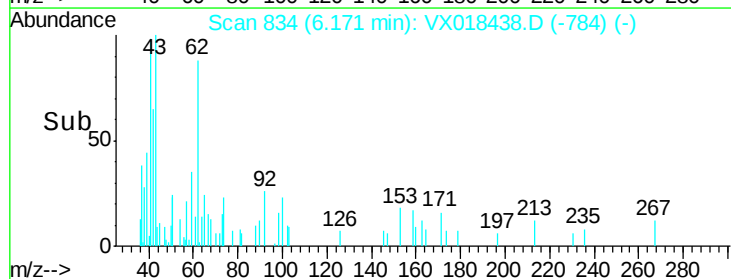
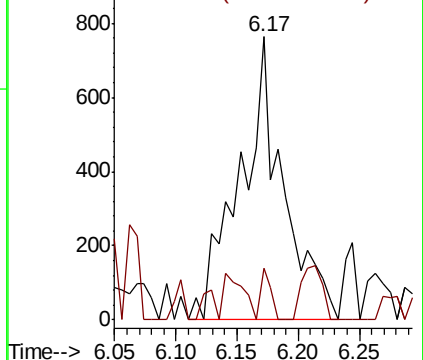
62 100

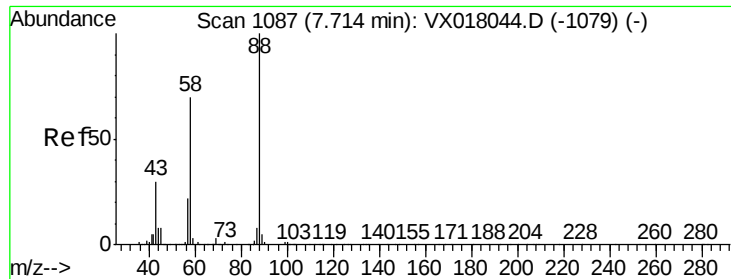
98 4.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 1.188 ug/l

RT: 7.70 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

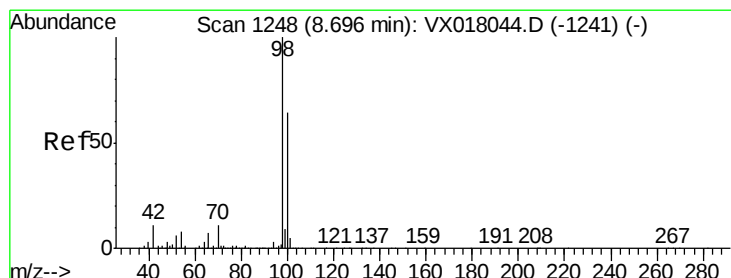
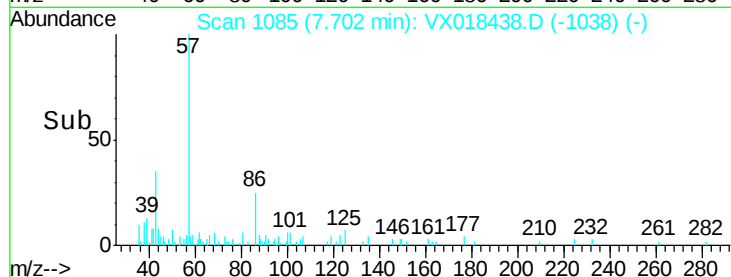
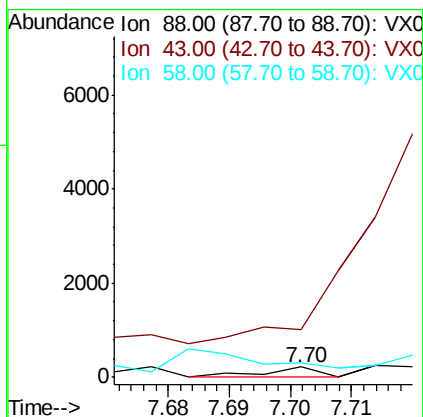
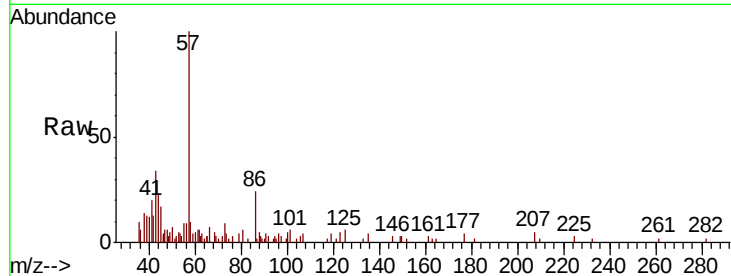
Tot Ion: 88 Resp: 135

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 0.0 56.4 84.6#



#50

Toluene-d8

Concen: 48.755 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018438.D

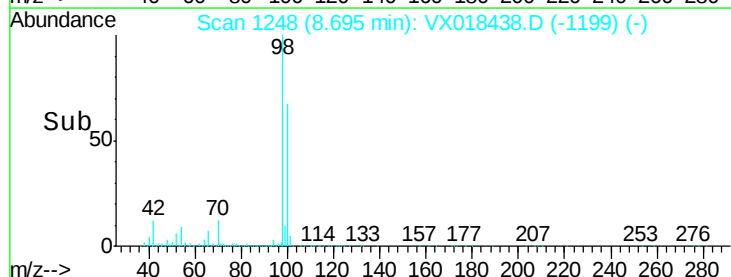
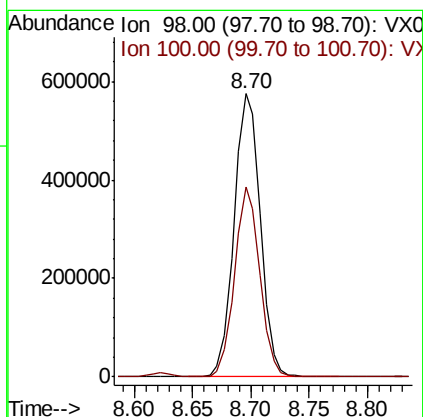
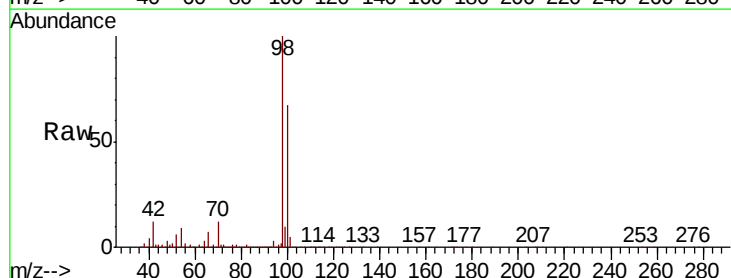
Acq: 16 Sep 2020 14:34

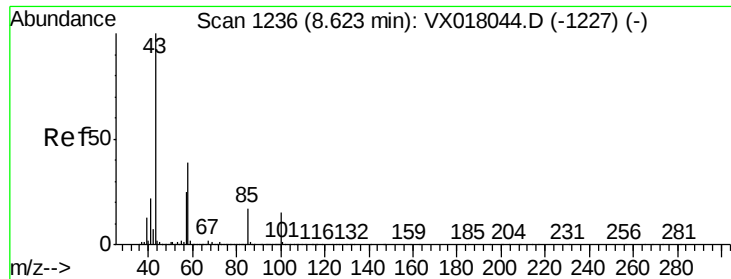
Tgt Ion: 98 Resp: 900852

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4

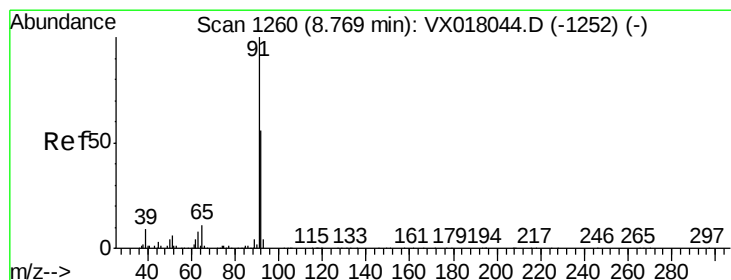
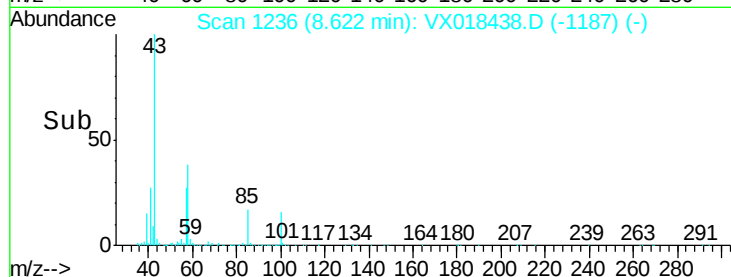
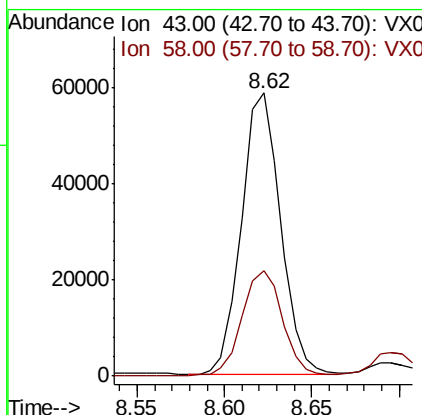
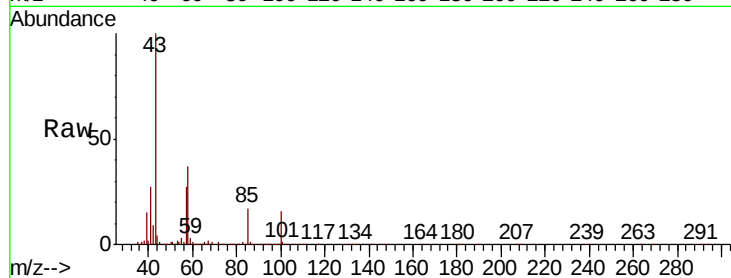




#51
 4-Methyl-2-Pentanone
 Concen: 11.704 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018438.D
 Acq: 16 Sep 2020 14:34

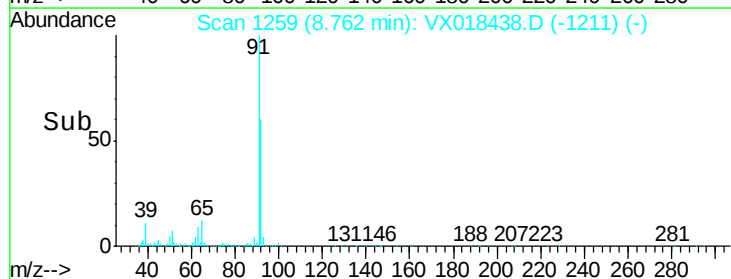
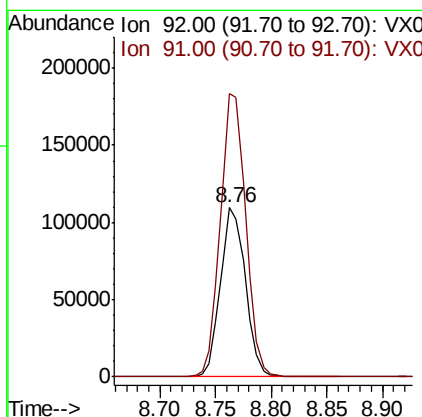
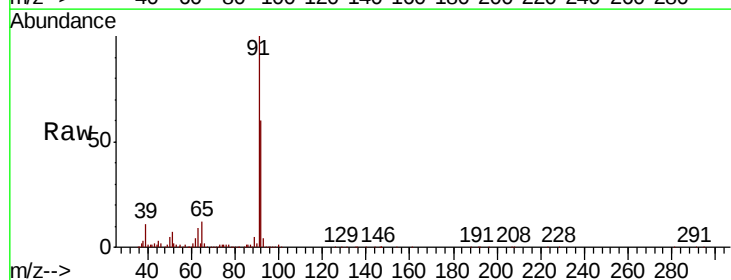
Instrument :
 MSVOA_X
 ClientSampleID :
 13703DL

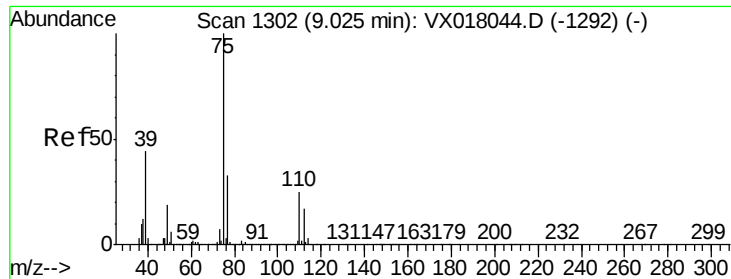
Tot Ion: 43 Resp: 91117
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.7 46.1



#52
 Toluene
 Concen: 13.619 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018438.D
 Acq: 16 Sep 2020 14:34

Tgt Ion: 92 Resp: 170490
 Ion Ratio Lower Upper
 92 100
 91 171.0 140.3 210.5

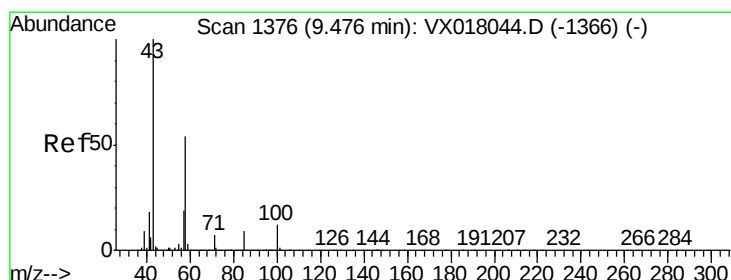
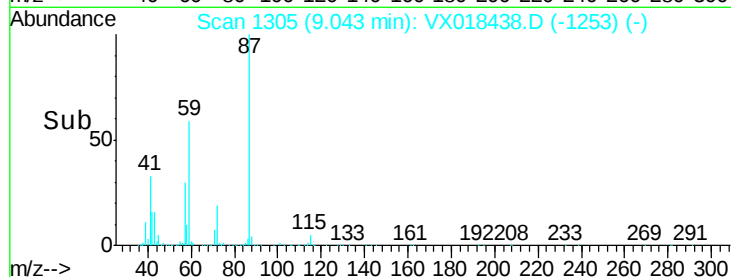
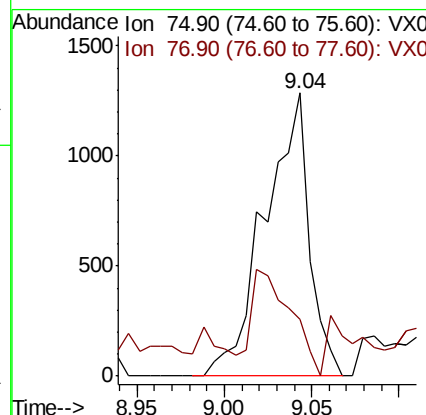
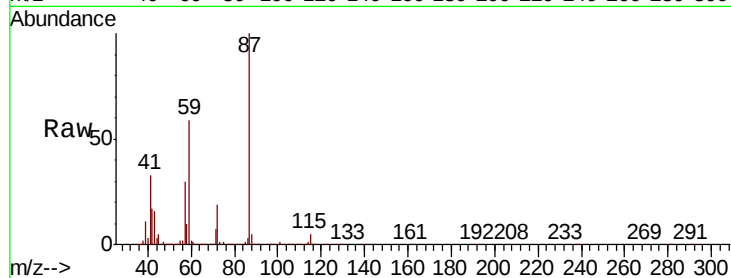




#53
t-1,3-Dichloropropene
Concen: 0.274 ug/l
RT: 9.04 min Scan# 1305
Delta R.T. 0.02 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

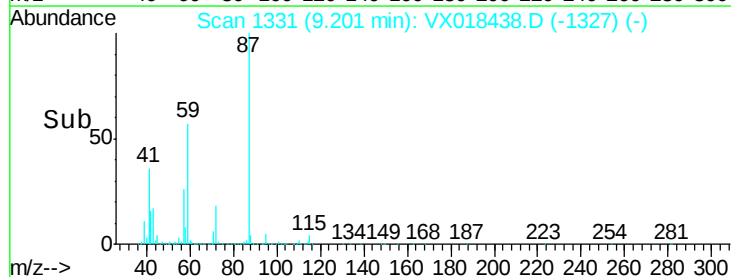
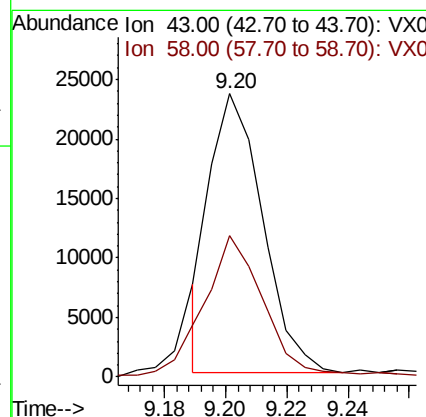
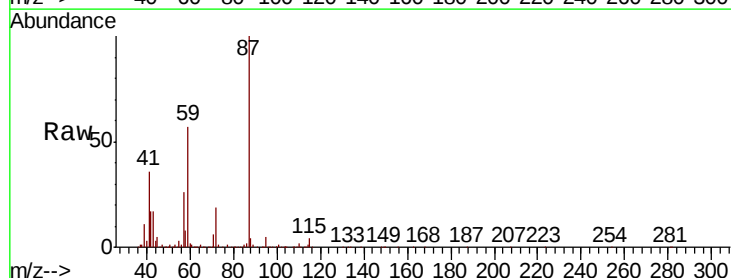
Instrument :
MSVOA_X
ClientSampleId :
13703DL

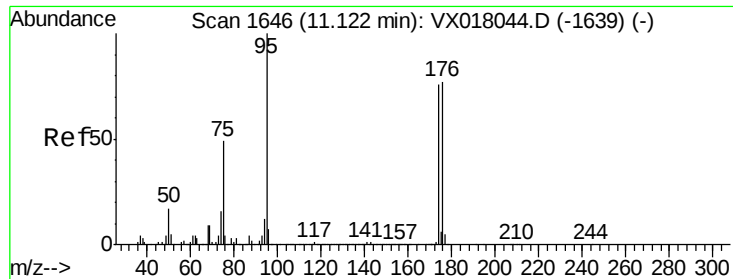
Tot Ion: 75 Resp: 2268
Ion Ratio Lower Upper
75 100
77 11.9 26.6 39.8#



#59
2-Hexanone
Concen: 4.730 ug/l
RT: 9.20 min Scan# 1331
Delta R.T. -0.27 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion: 43 Resp: 28002
Ion Ratio Lower Upper
43 100
58 48.7 26.6 79.7

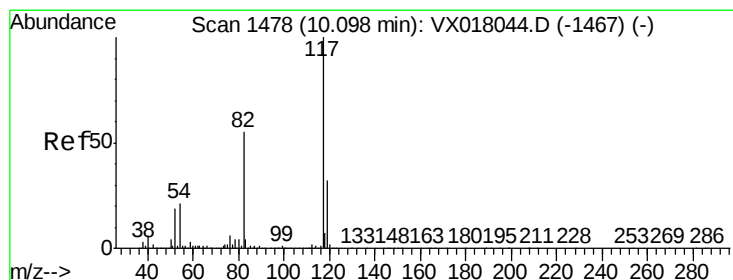
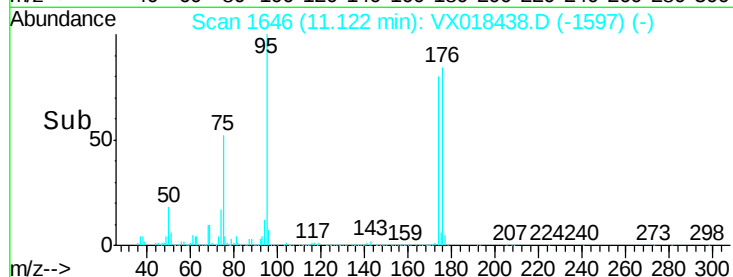
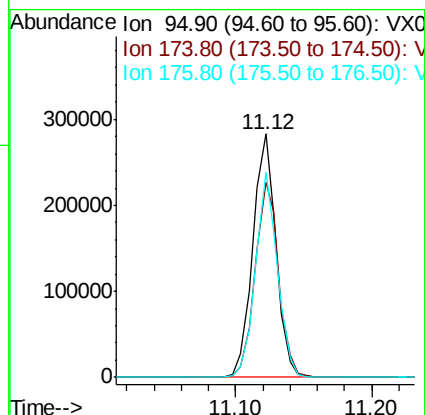
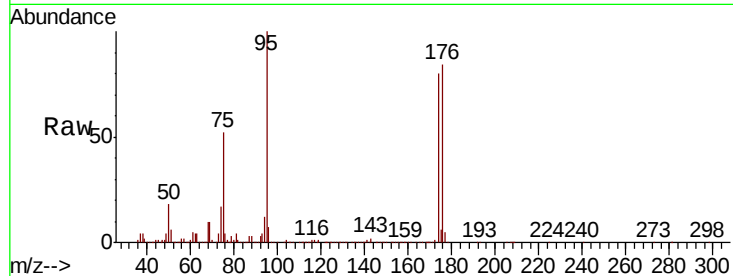




#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

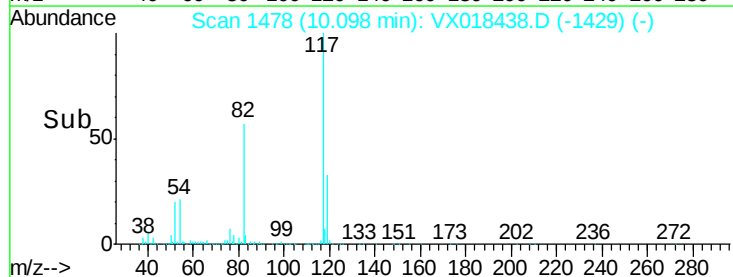
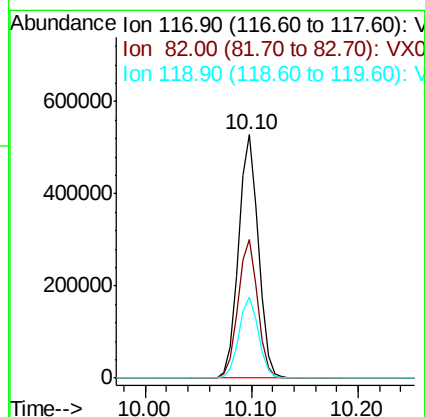
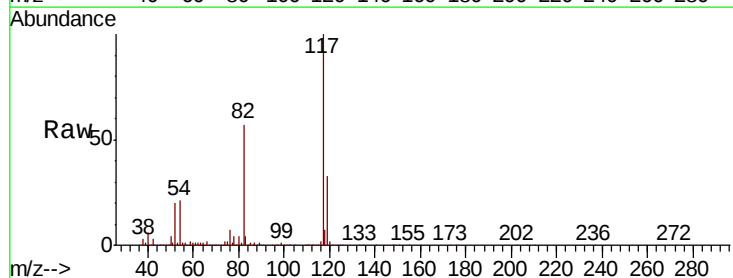
Instrument :
MSVOA_X
ClientSampleId :
13703DL

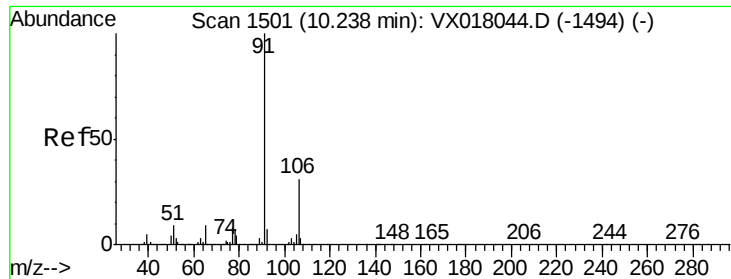
Tot Ion: 95 Resp: 338510
Ion Ratio Lower Upper
95 100
174 81.6 0.0 160.2
176 79.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion: 117 Resp: 690855
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.3 25.7 38.5





#67

Ethyl Benzene

Concen: 1.448 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

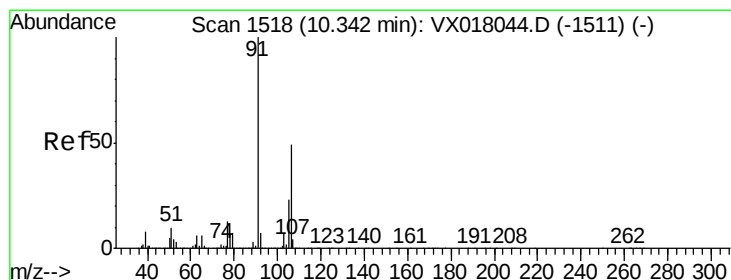
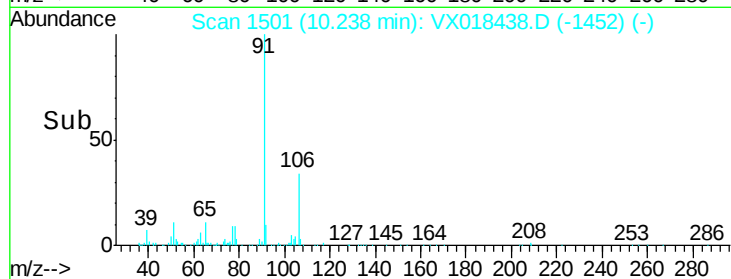
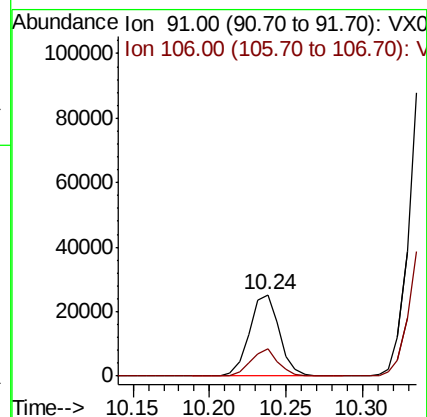
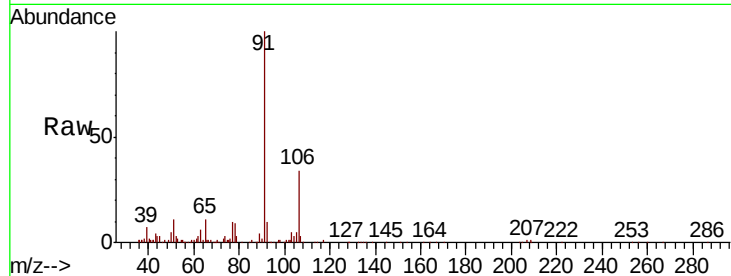
13703DL

Tot Ion: 91 Resp: 33982

Ion Ratio Lower Upper

91 100

106 33.5 24.9 37.3



#68

m/p-Xylenes

Concen: 7.583 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018438.D

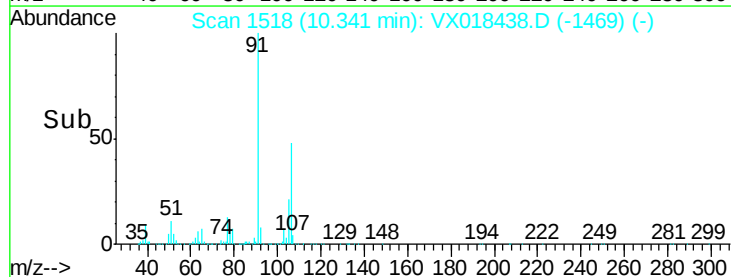
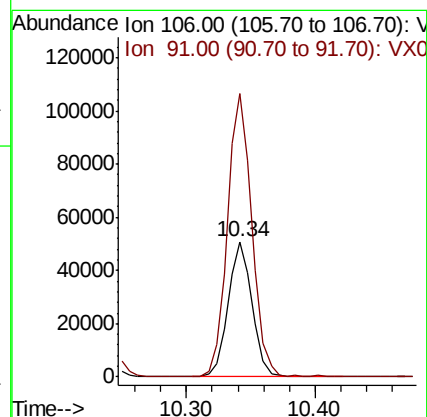
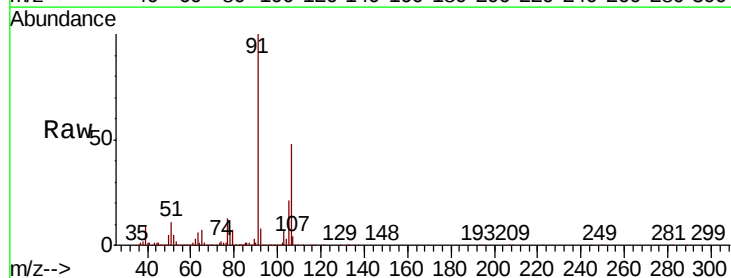
Acq: 16 Sep 2020 14:34

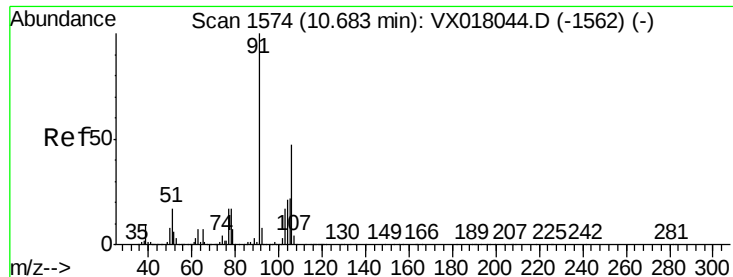
Tgt Ion: 106 Resp: 66412

Ion Ratio Lower Upper

106 100

91 212.9 162.2 243.2

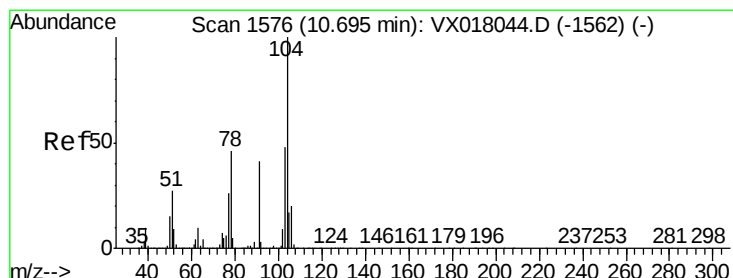
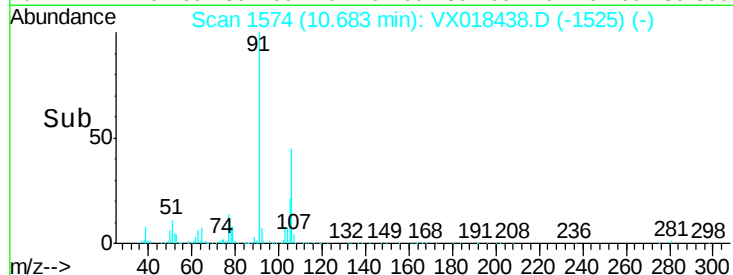
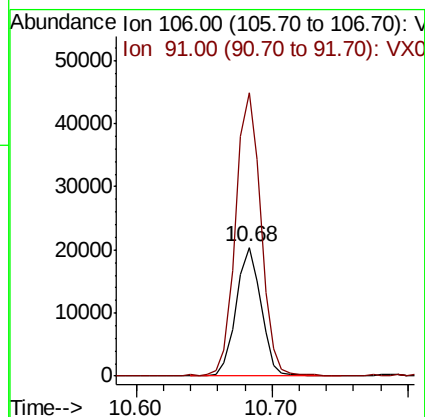
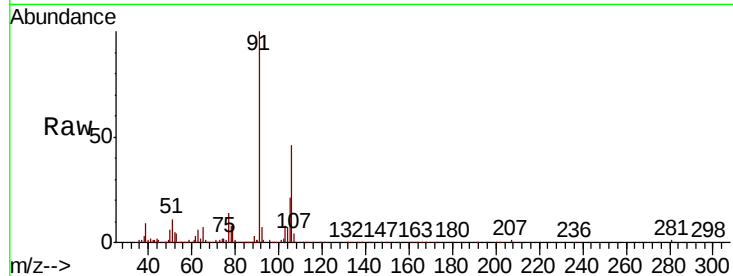




#69
o-Xylene
Concen: 3.070 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

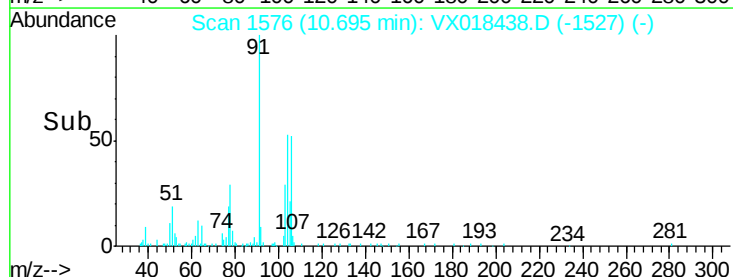
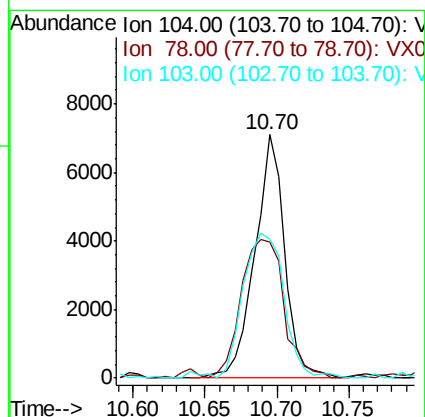
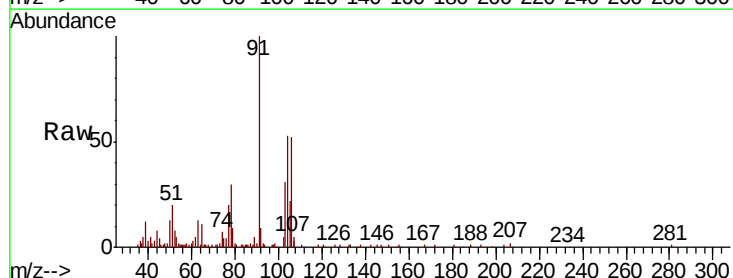
Instrument :
MSVOA_X
ClientSampleID :
13703DL

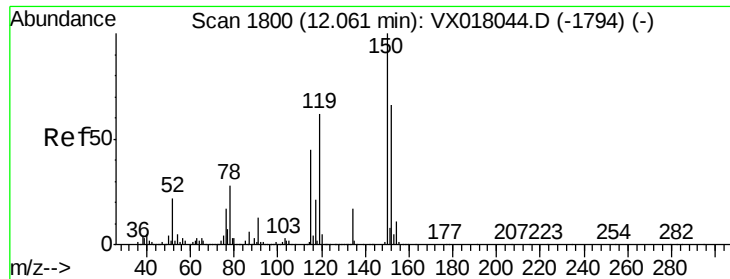
Tot Ion:106 Resp: 26067
Ion Ratio Lower Upper
106 100
91 224.7 107.1 321.3



#70
Styrene
Concen: 0.700 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018438.D
Acq: 16 Sep 2020 14:34

Tgt Ion:104 Resp: 10119
Ion Ratio Lower Upper
104 100
78 82.8 40.9 61.3#
103 81.9 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

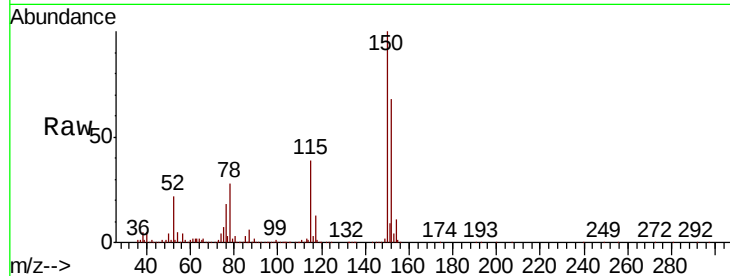
Tot Ion:152 Resp: 354229

Ion Ratio Lower Upper

152 100

115 58.4 41.5 124.5

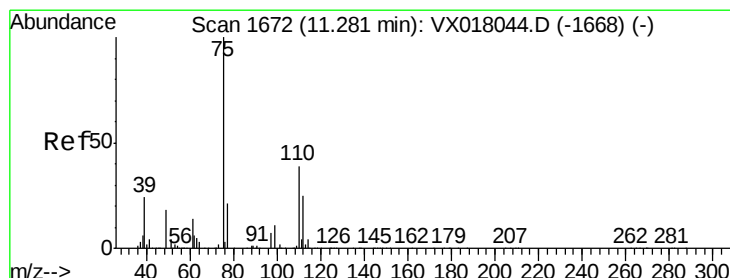
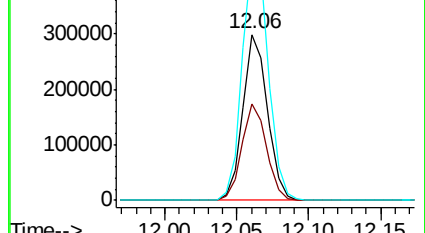
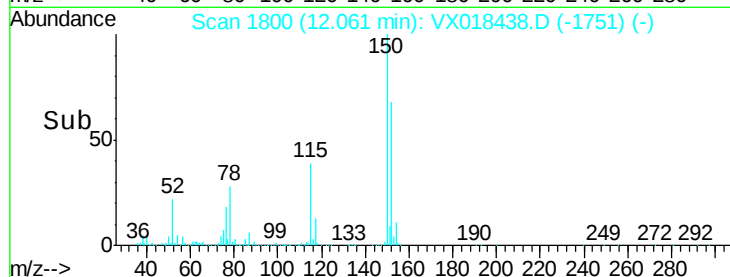
150 155.6 0.0 343.8



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: 22.623 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018438.D

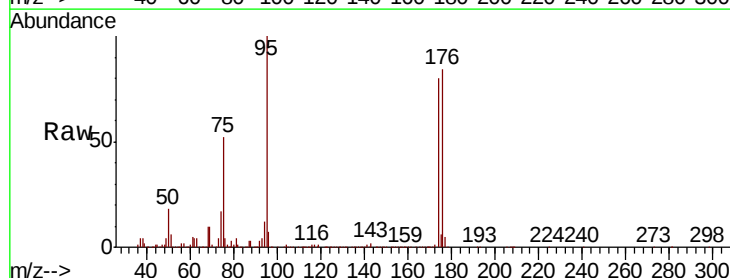
Acq: 16 Sep 2020 14:34

Tgt Ion: 75 Resp: 178272

Ion Ratio Lower Upper

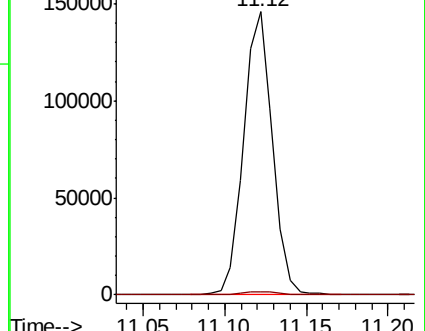
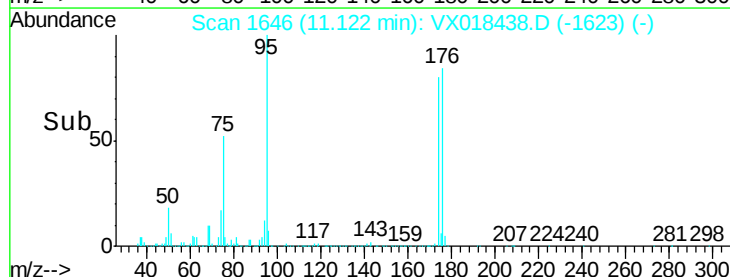
75 100

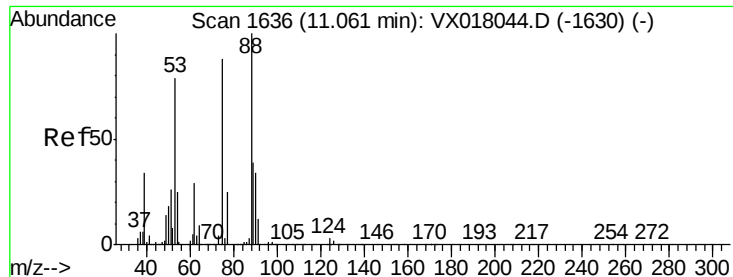
77 1.6 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 61.102 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

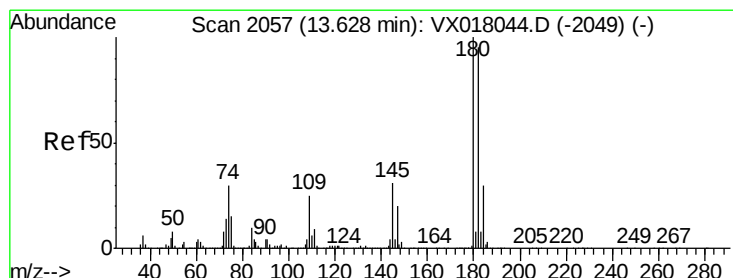
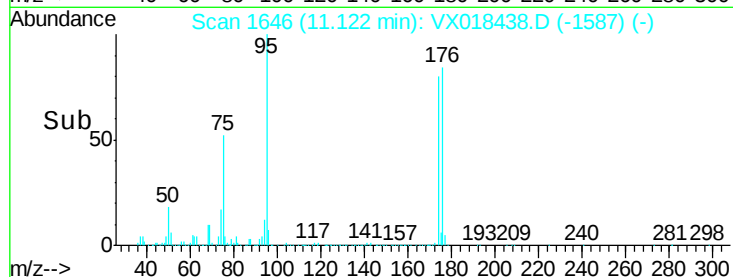
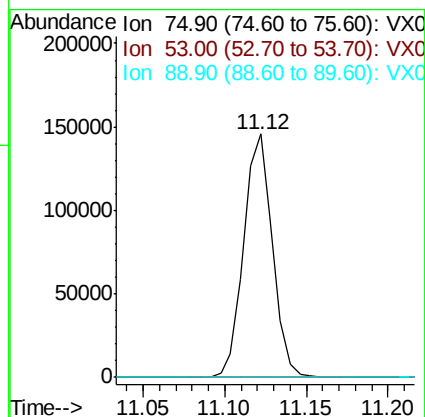
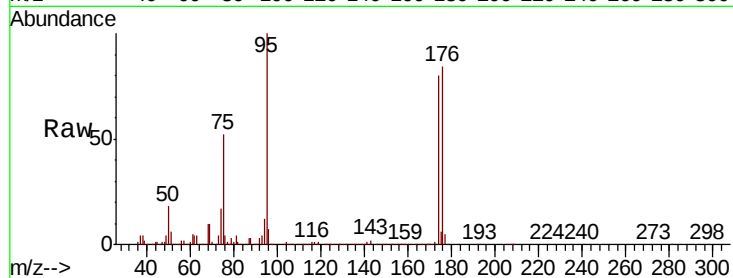
Tot Ion: 75 Resp: 178272

Ion Ratio Lower Upper

75 100

53 0.4 74.7 112.1#

89 0.2 36.6 54.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.272 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

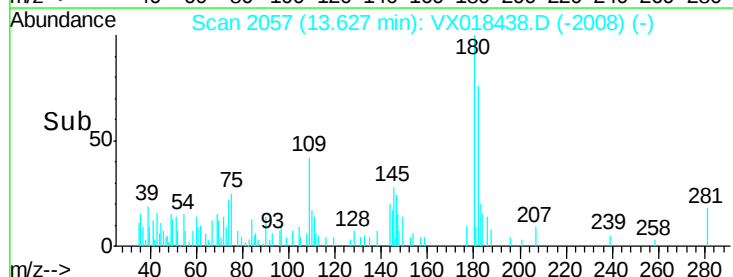
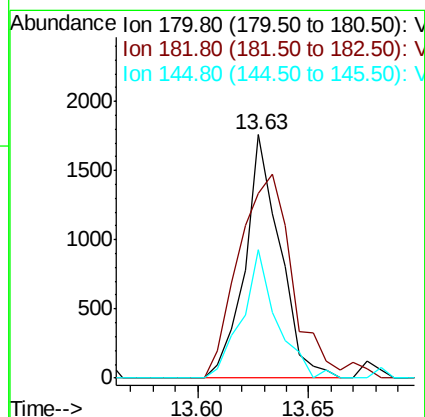
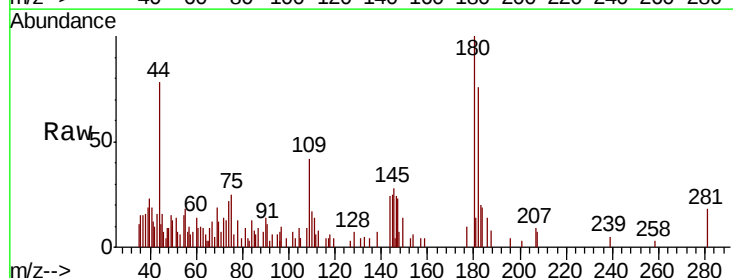
Tgt Ion:180 Resp: 1937

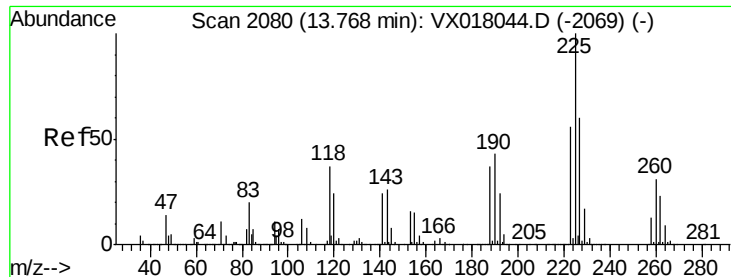
Ion Ratio Lower Upper

180 100

182 131.0 47.5 142.6

145 52.0 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 0.650 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

Instrument :

MSVOA_X

ClientSampleId :

13703DL

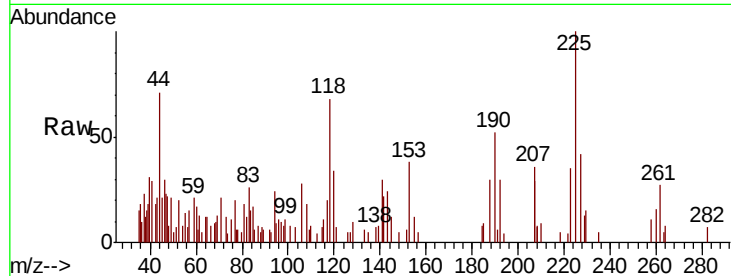
Tot Ion:225 Resp: 1824

Ion Ratio Lower Upper

225 100

223 57.7 30.7 92.1

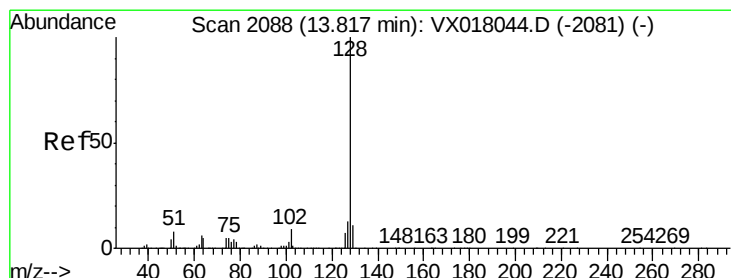
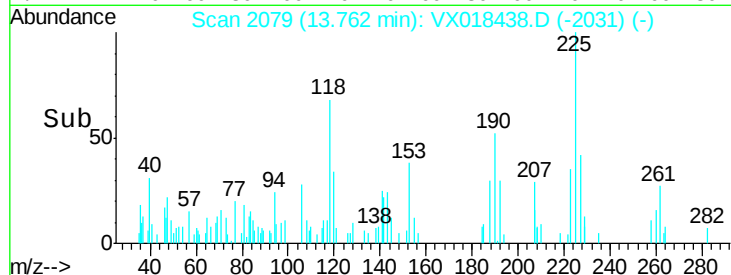
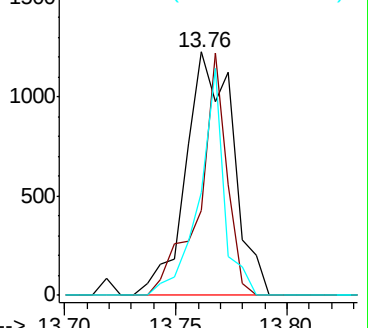
227 48.5 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.228 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018438.D

Acq: 16 Sep 2020 14:34

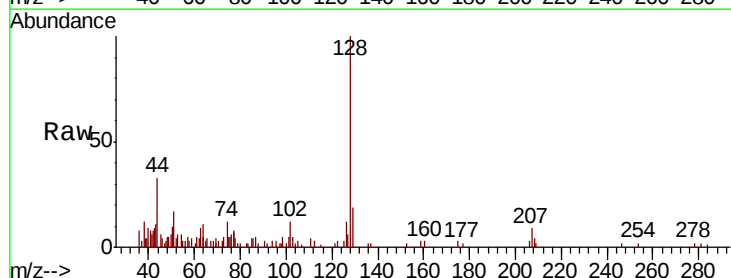
Tgt Ion:128 Resp: 5333

Ion Ratio Lower Upper

128 100

127 16.4 10.2 15.2#

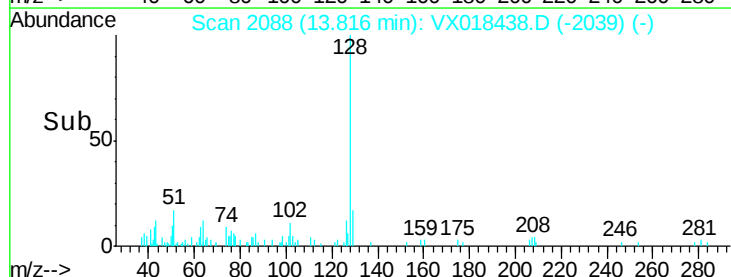
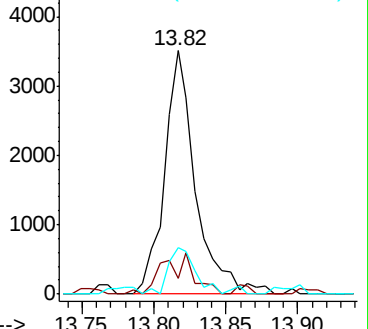
129 16.7 8.7 13.1#

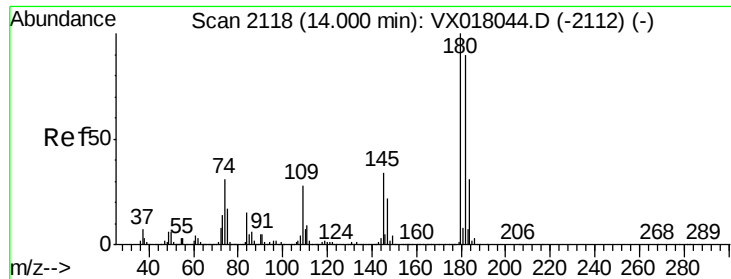


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

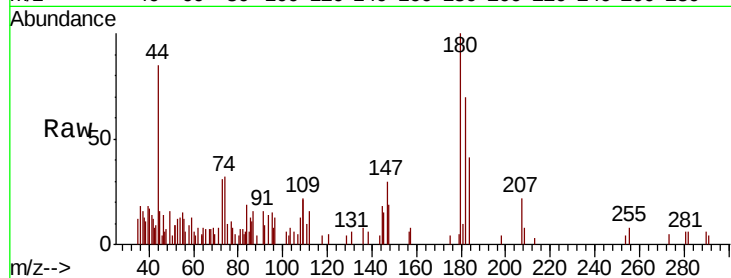




#96
 1,2,3-Trichlorobenzene
 Concen: 0.304 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018438.D
 Acq: 16 Sep 2020 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 13703DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.3	142.0
145	43.5	17.5	52.6



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

