

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
 Data File : VX018430.D
 Acq On : 16 Sep 2020 10:35
 Operator : JC/SP
 Sample : VX0916MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

Quant Time: Sep 16 15:08:47 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	460723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	733671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	680382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	317714	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	325605	50.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.82%	
35) Dibromofluoromethane	5.46	113	252847	50.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.20%	
50) Toluene-d8	8.70	98	882344	47.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.12	95	314464	42.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.90%	

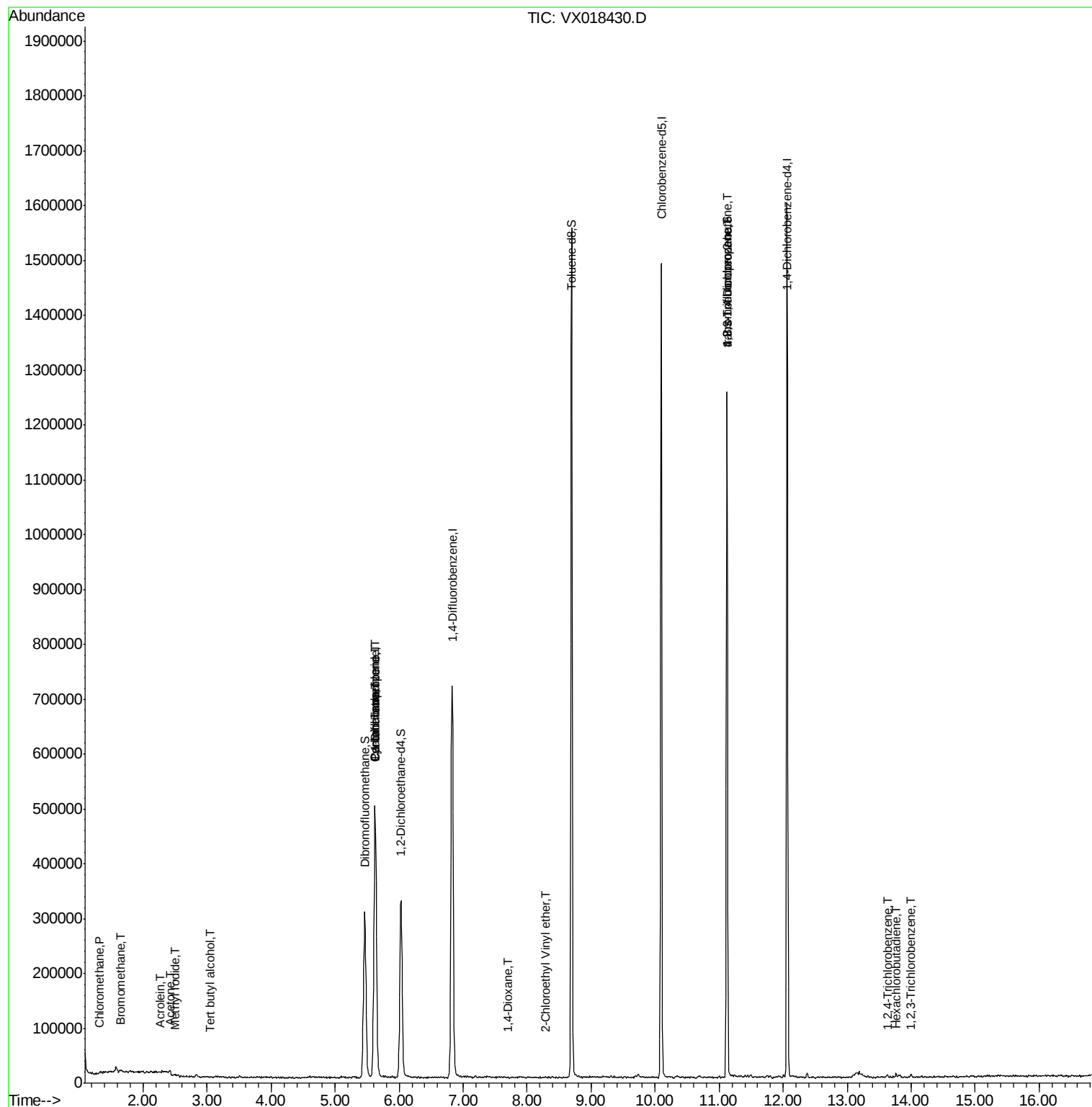
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1482	0.251	ug/l #	69
5) Bromomethane	1.64	94	1770	0.623	ug/l #	58
10) Methyl Iodide	2.50	142	3379	5.937	ug/l	93
11) Tert butyl alcohol	3.04	59	393	0.316	ug/l #	1
13) Acrolein	2.27	56	349	0.677	ug/l #	14
16) Acetone	2.42	43	2196	0.881	ug/l #	43
20) Methylene Chloride	2.84	84	1662	Below Cal	#	60
31) Cyclohexane	5.64	56	10345	1.351	ug/l #	17
36) 1,1-Dichloropropene	5.62	75	37712	5.573	ug/l #	47
38) Carbon Tetrachloride	5.63	117	48659	6.381	ug/l #	18
49) 1,4-Dioxane	7.70	88	111	0.970	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.30	63	797	0.222	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	164022	23.207	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	164022	62.679	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.63	180	1837	0.288	ug/l	84
94) Hexachlorobutadiene	13.76	225	666	0.264	ug/l #	63
96) 1,2,3-Trichlorobenzene	14.00	180	1532	0.243	ug/l	91

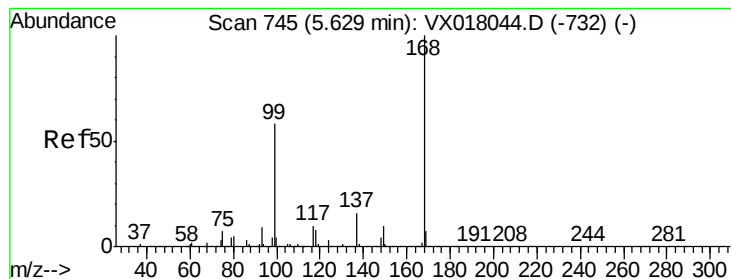
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
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Quant Time: Sep 16 15:08:47 2020
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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: VX018430.D

Acq: 16 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

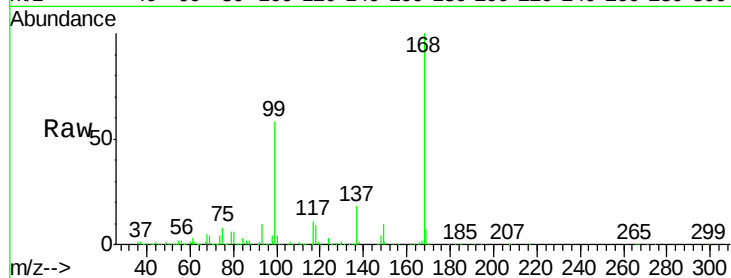
VX0916MBL01

Tgt Ion:168 Resp: 460723

Ion Ratio Lower Upper

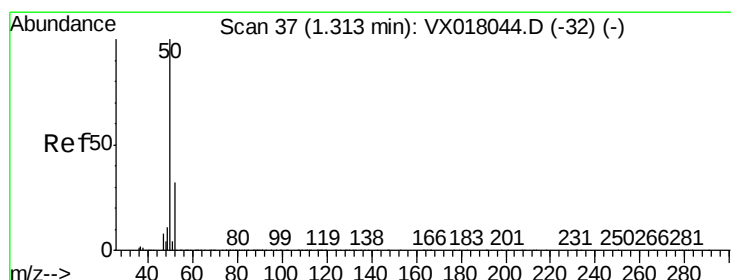
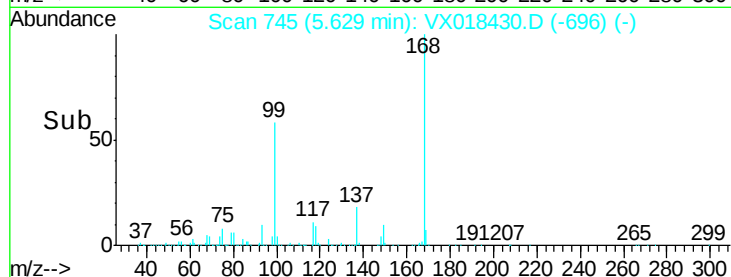
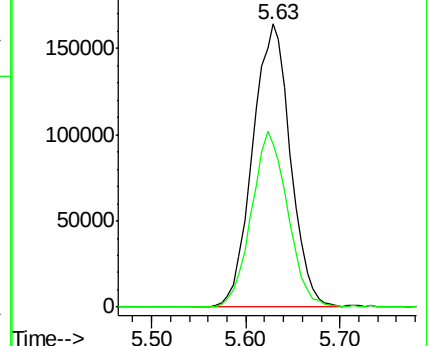
168 100

99 57.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.251 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018430.D

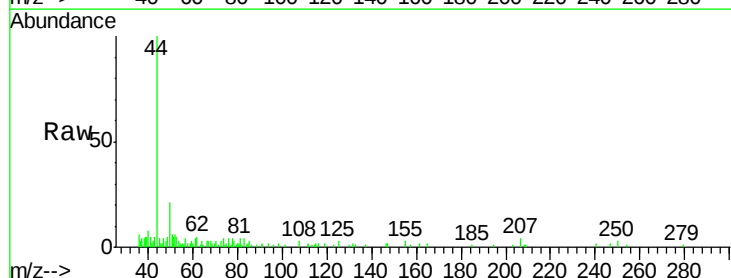
Acq: 16 Sep 2020 10:35

Tgt Ion: 50 Resp: 1482

Ion Ratio Lower Upper

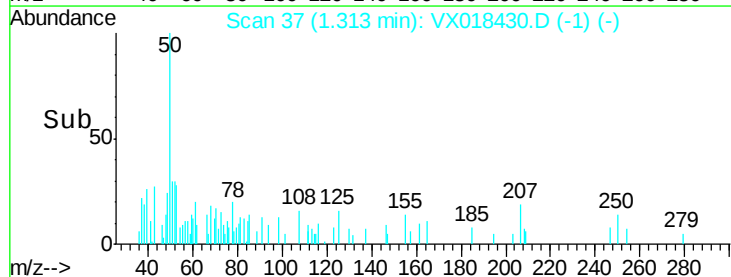
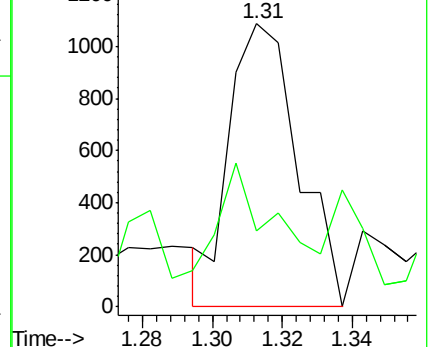
50 100

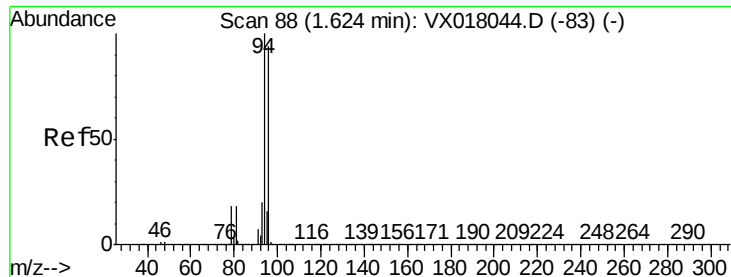
52 14.4 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.623 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018430.D

Acq: 16 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampled :

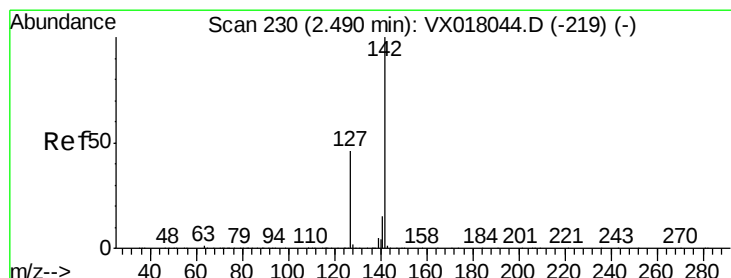
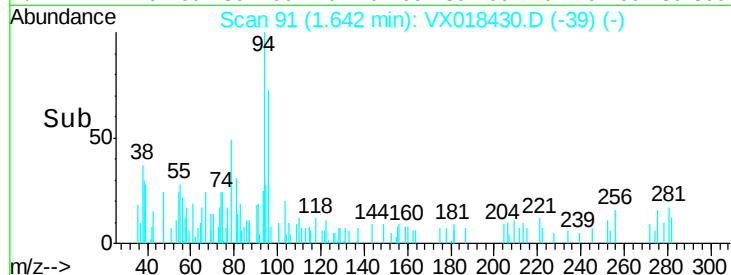
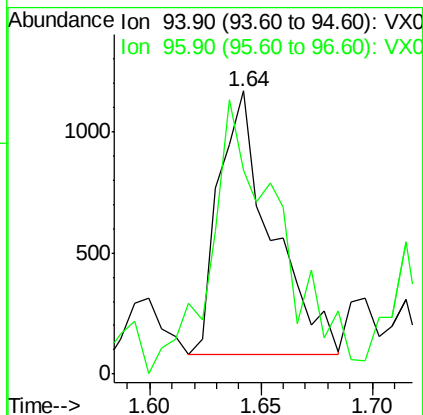
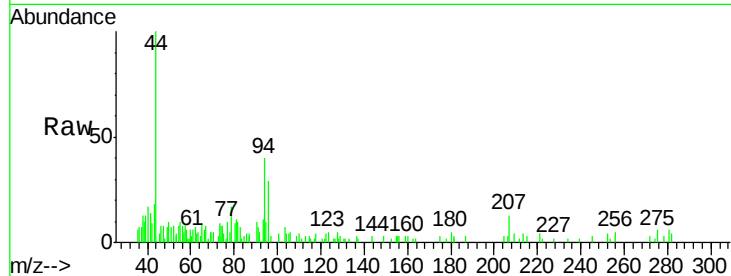
VX0916MBL01

Tgt Ion: 94 Resp: 1770

Ion Ratio Lower Upper

94 100

96 53.3 74.8 112.2#



#10

Methyl Iodide

Concen: 5.937 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX018430.D

Acq: 16 Sep 2020 10:35

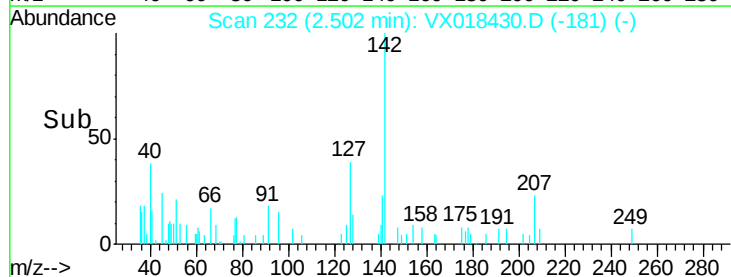
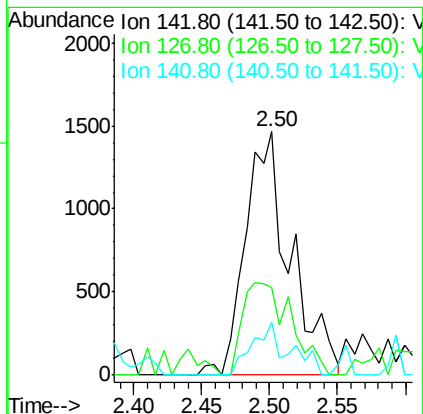
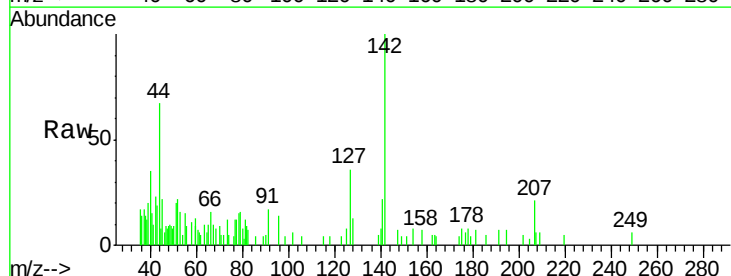
Tgt Ion: 142 Resp: 3379

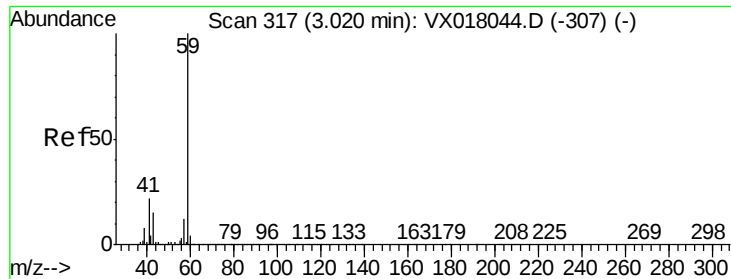
Ion Ratio Lower Upper

142 100

127 41.0 37.0 55.6

141 13.3 11.5 17.3

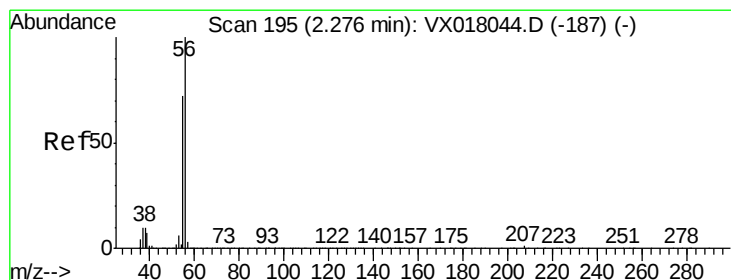
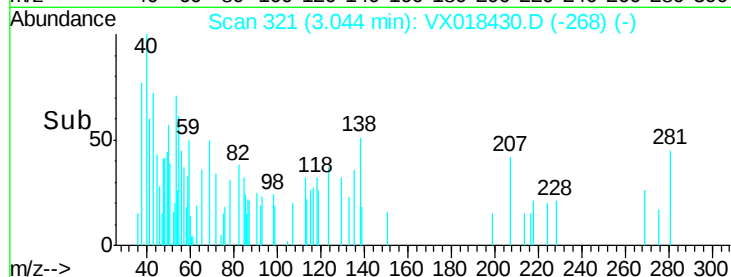
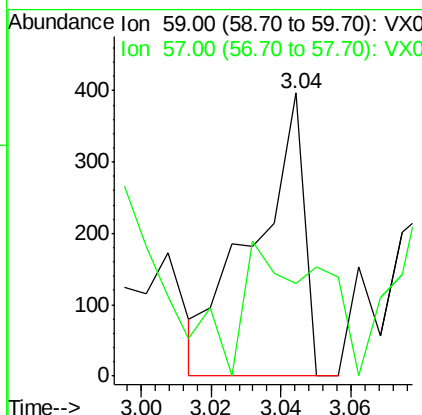
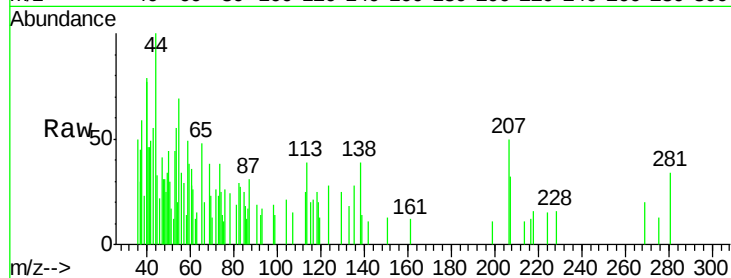




#11
Tert butyl alcohol
Concen: 0.316 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.02 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

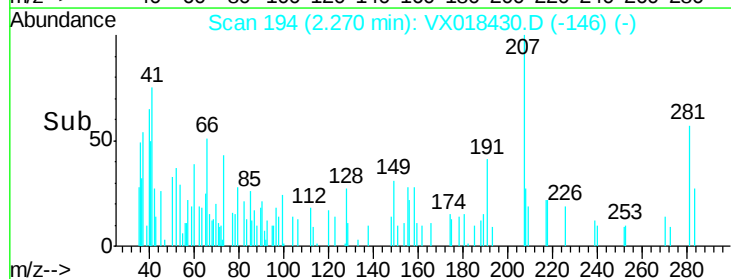
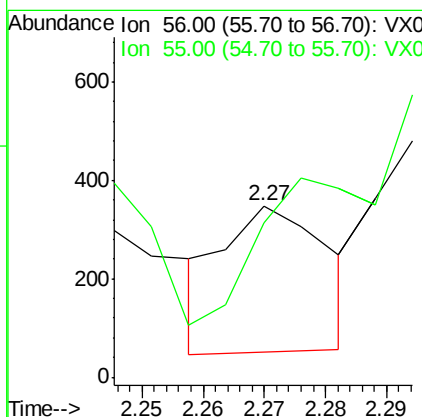
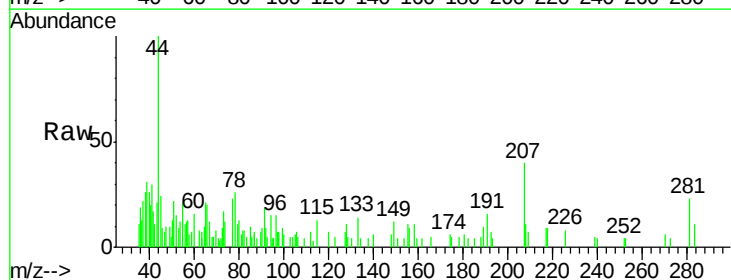
Instrument :
MSVOA_X
ClientSampled :
VX0916MBL01

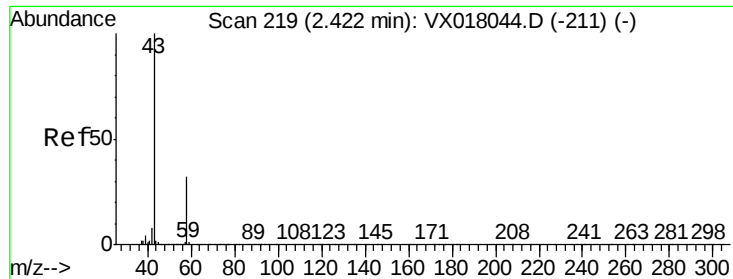
Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 70.5 8.9 13.3#



#13
Acrolein
Concen: 0.677 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

Tgt Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

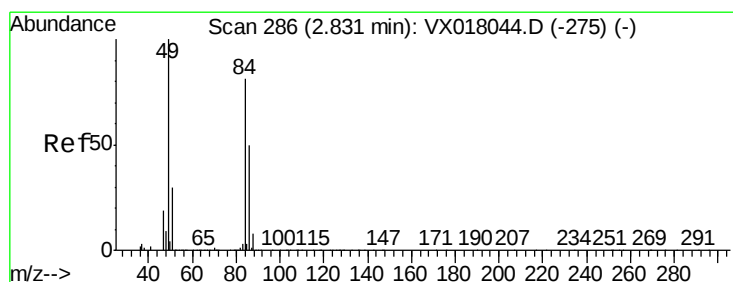
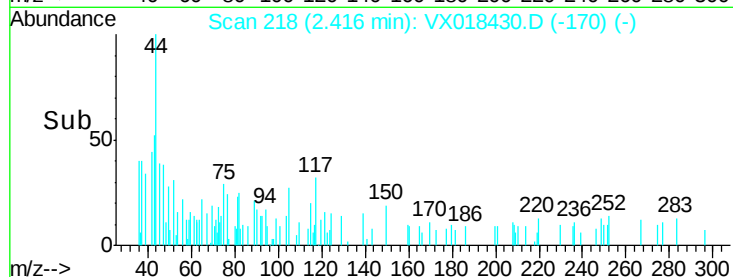
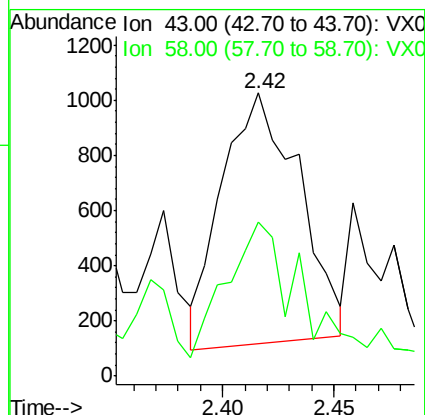
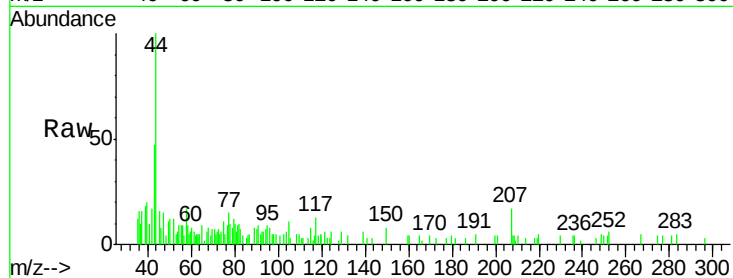




#16
Acetone
Concen: 0.881 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

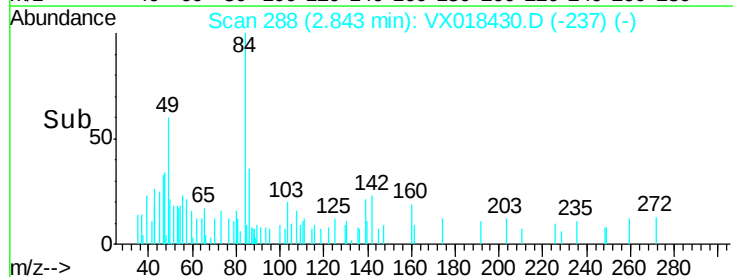
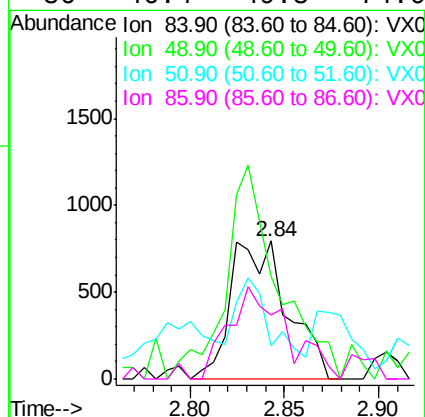
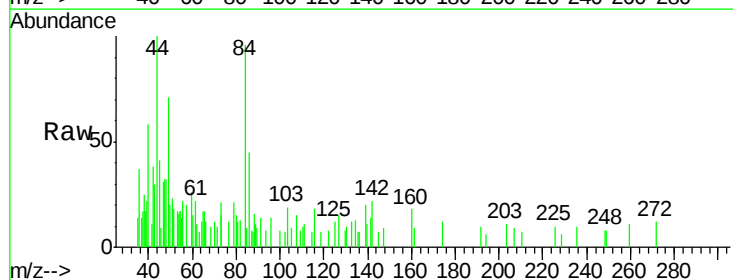
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

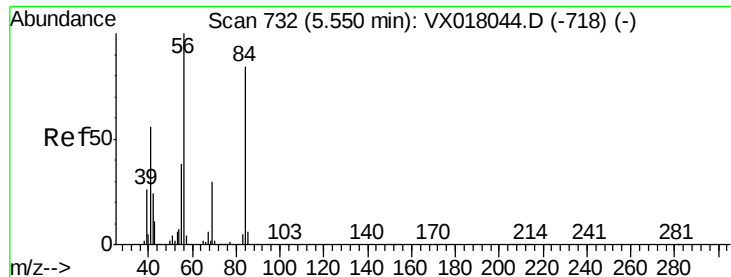
Tgt Ion: 43 Resp: 2196
Ion Ratio Lower Upper
43 100
58 63.5 25.5 38.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

Tgt Ion: 84 Resp: 1662
Ion Ratio Lower Upper
84 100
49 74.5 98.6 148.0#
51 0.0 29.6 44.4#
86 46.4 49.8 74.6#

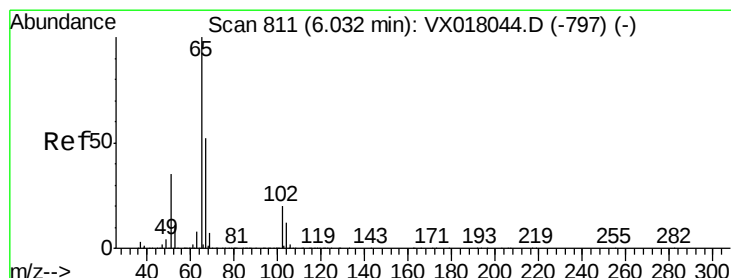
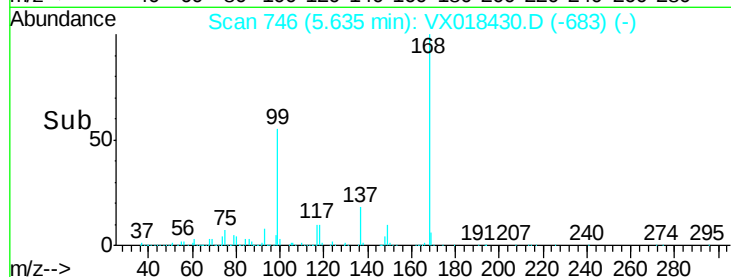
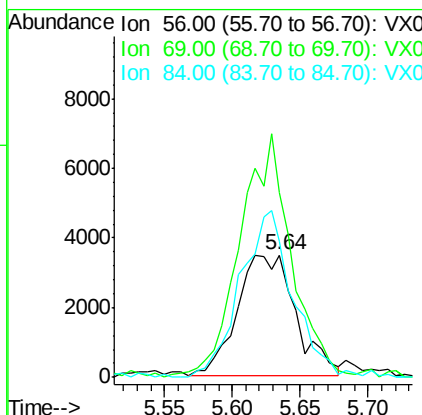
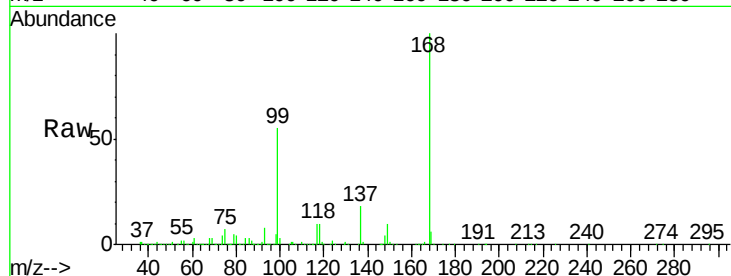




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

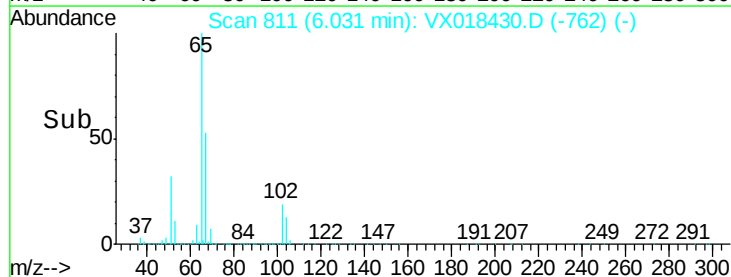
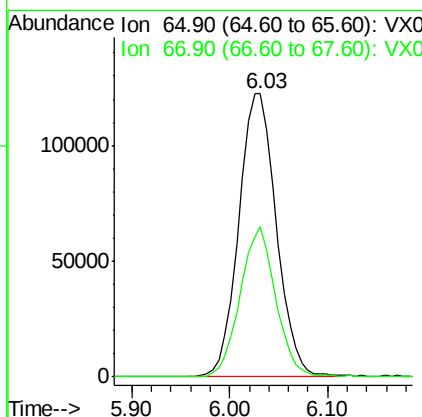
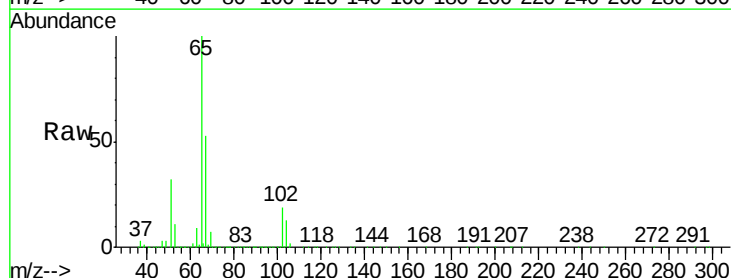
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

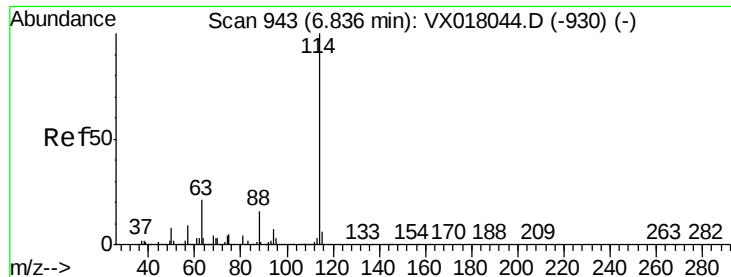
Tgt Ion: 56 Resp: 10345
Ion Ratio Lower Upper
56 100
69 149.8 23.9 35.9#
84 113.5 67.0 100.4#



#33
1,2-Dichloroethane-d4
Concen: 50.907 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

Tgt Ion: 65 Resp: 325605
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018430.D

Acq: 16 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

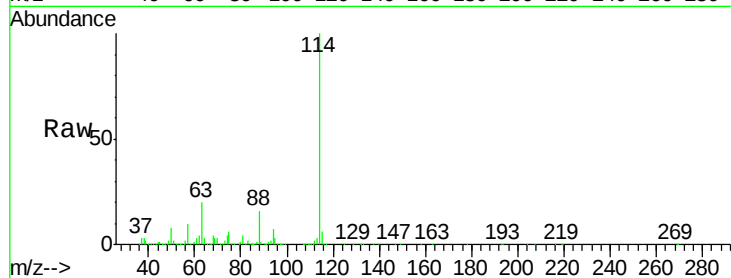
Tgt Ion:114 Resp: 733671

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

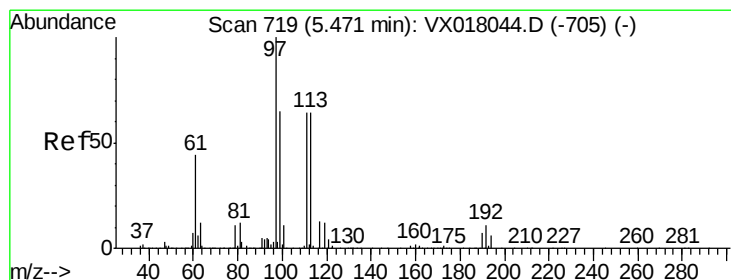
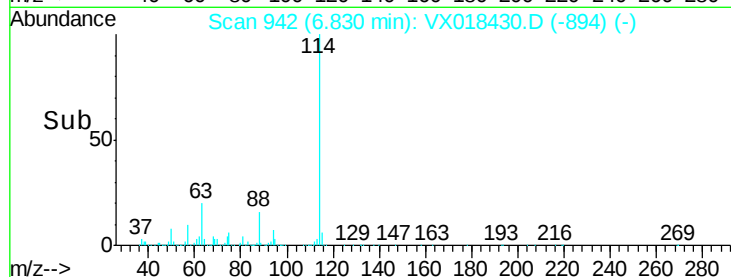
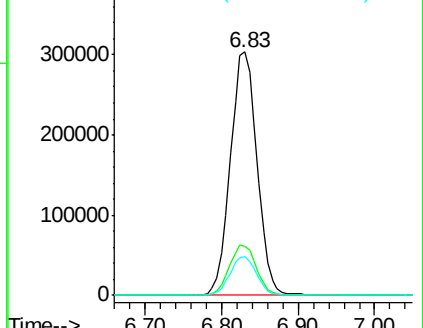
88 15.9 0.0 31.8



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: 50.603 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018430.D

Acq: 16 Sep 2020 10:35

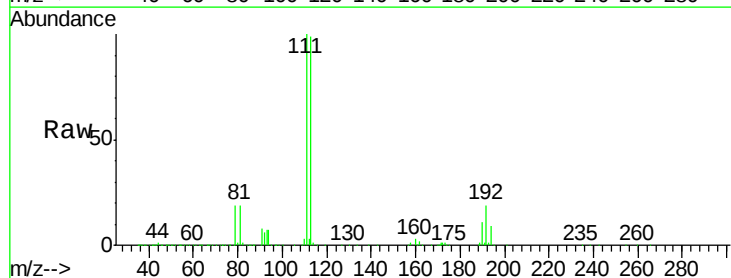
Tgt Ion:113 Resp: 252847

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

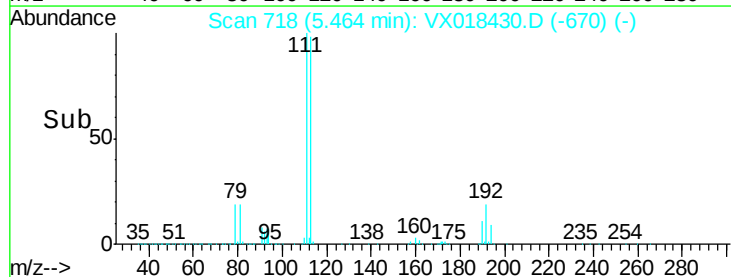
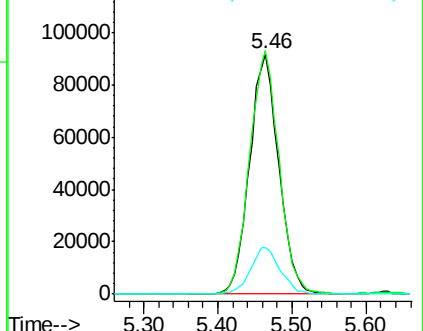
192 19.6 15.8 23.8

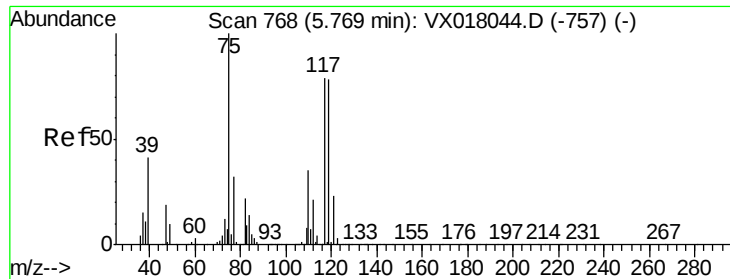


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.573 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX018430.D

Acq: 16 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01

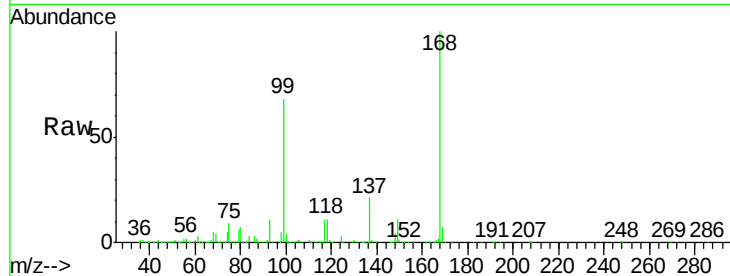
Tgt Ion: 75 Resp: 37712

Ion Ratio Lower Upper

75 100

110 4.8 18.0 54.0#

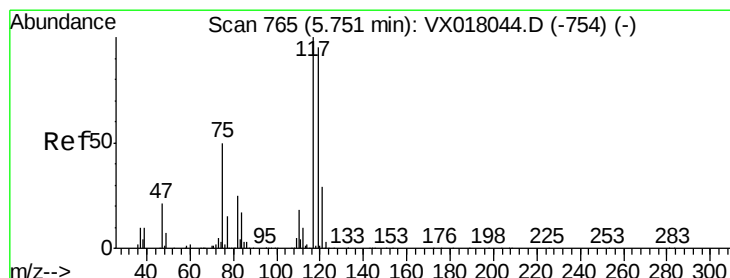
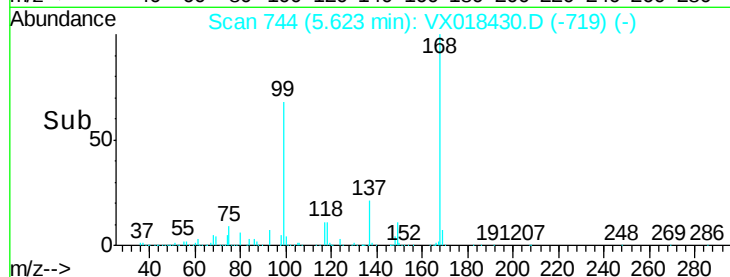
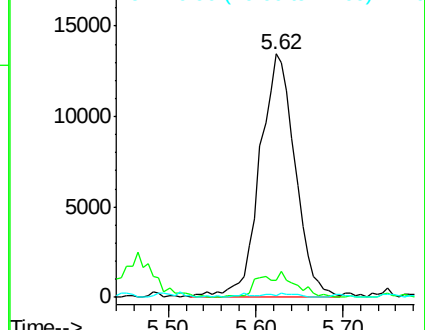
77 1.3 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.381 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018430.D

Acq: 16 Sep 2020 10:35

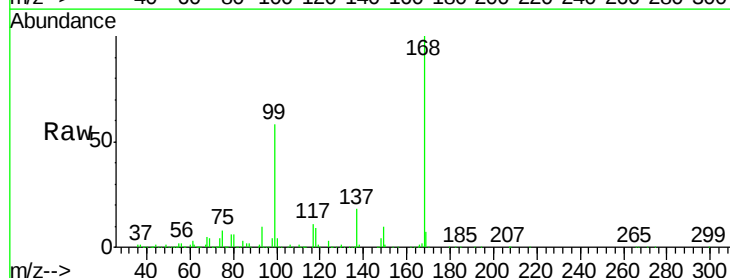
Tgt Ion: 117 Resp: 48659

Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.6#

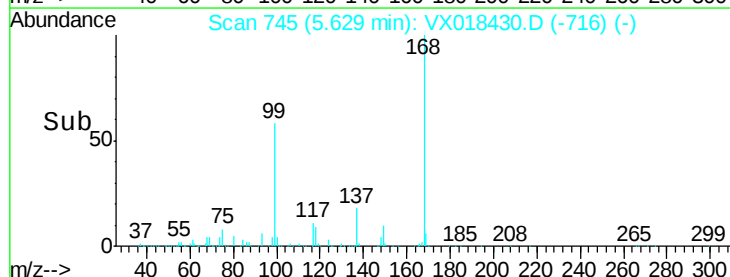
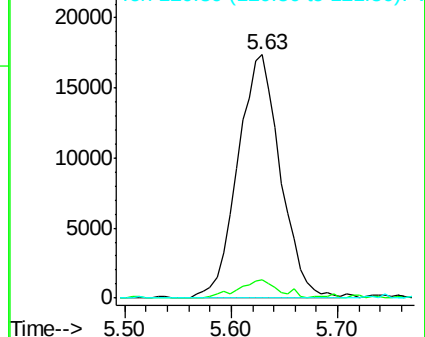
121 0.0 23.4 35.0#

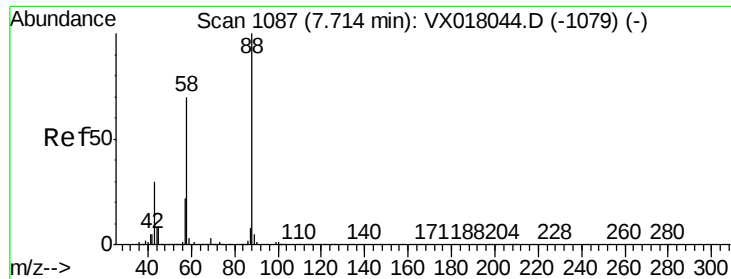


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

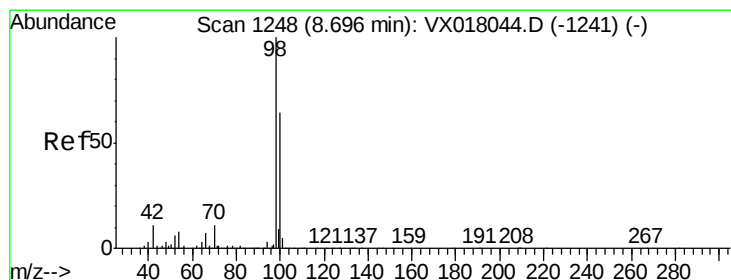
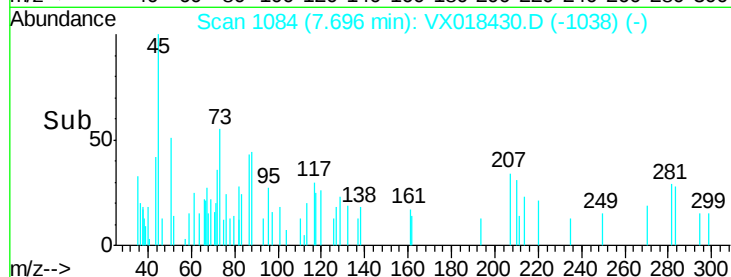
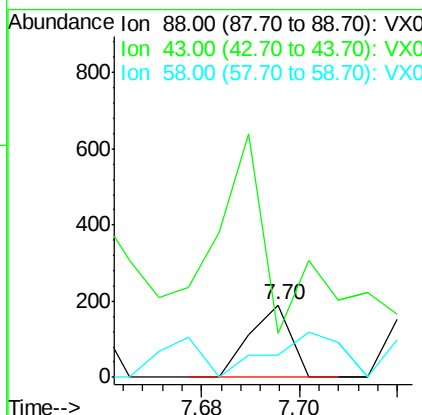
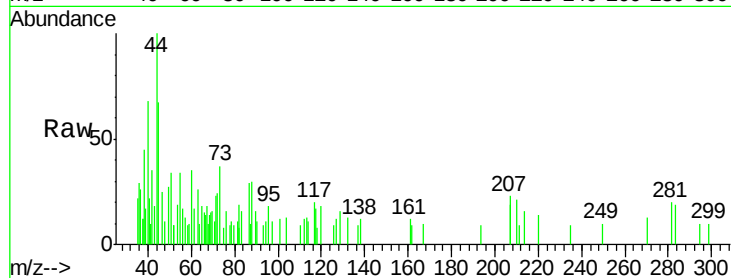




#49
1,4-Dioxane
Concen: 0.970 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

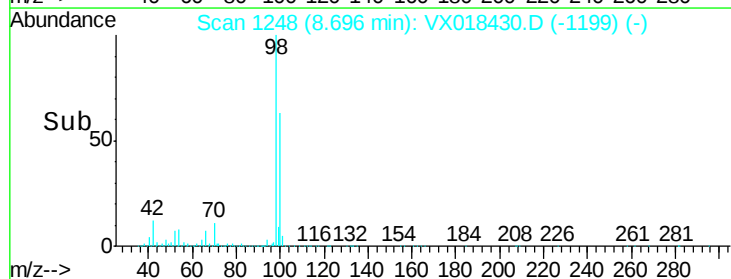
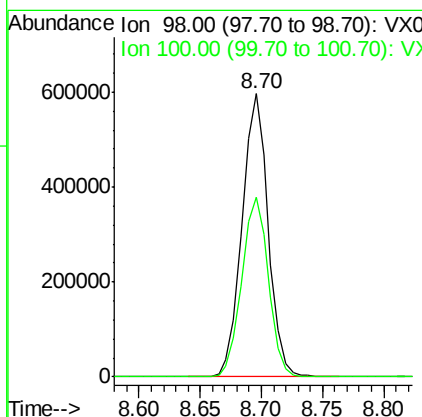
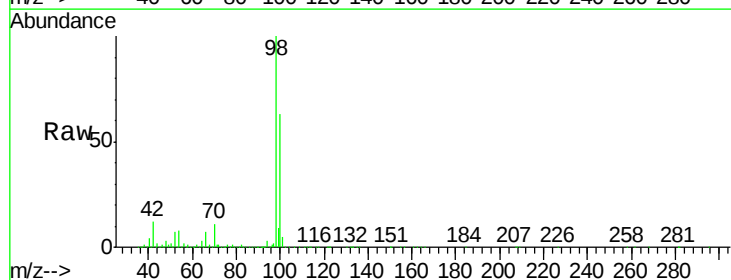
Instrument :
MSVOA_X
ClientSampled :
VX0916MBL01

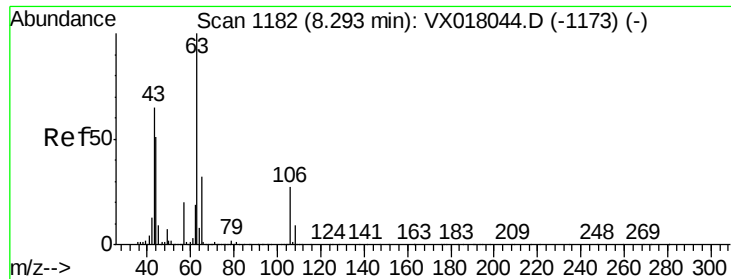
Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 369.4 27.4 41.0#
58 108.1 56.4 84.6#



#50
Toluene-d8
Concen: 47.412 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

Tgt Ion: 98 Resp: 882344
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

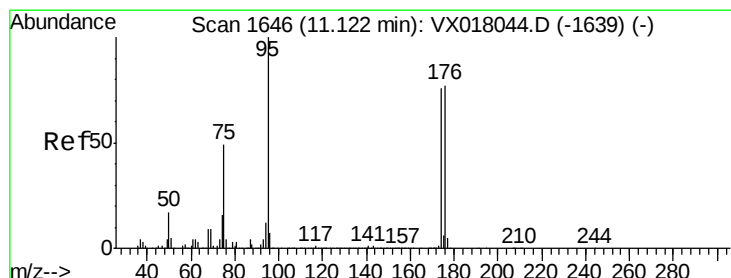
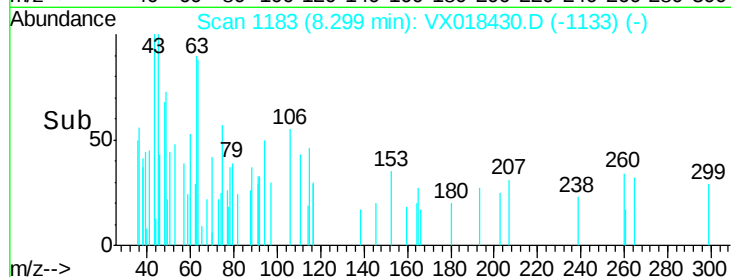
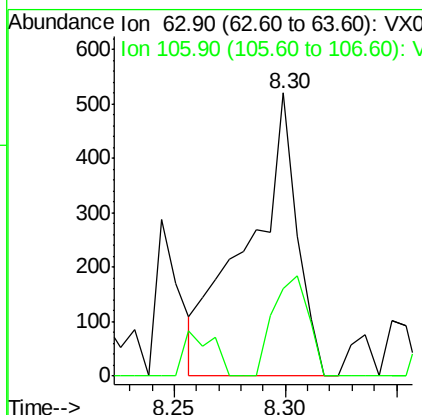
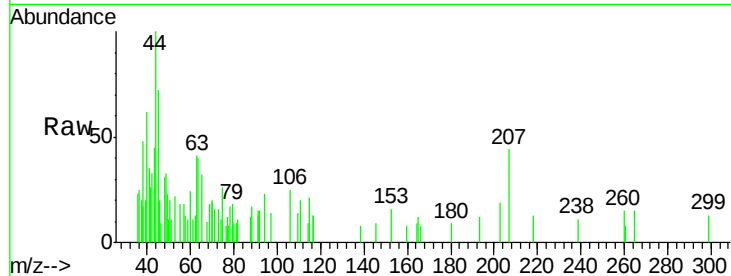




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.222 ug/l
 RT: 8.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

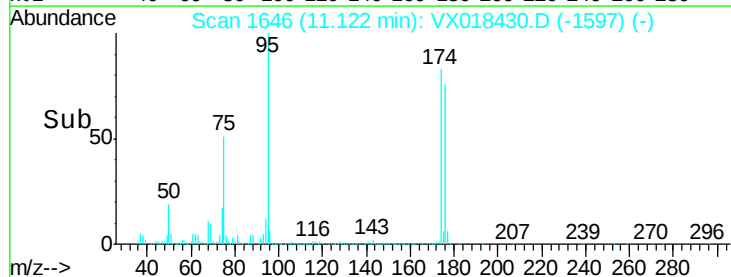
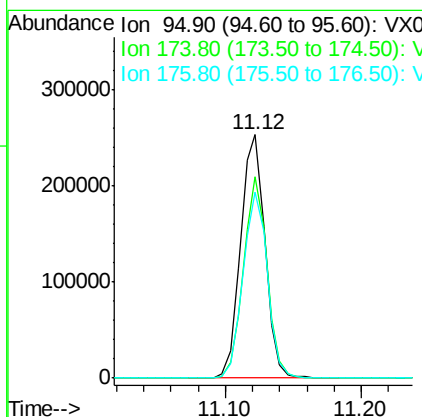
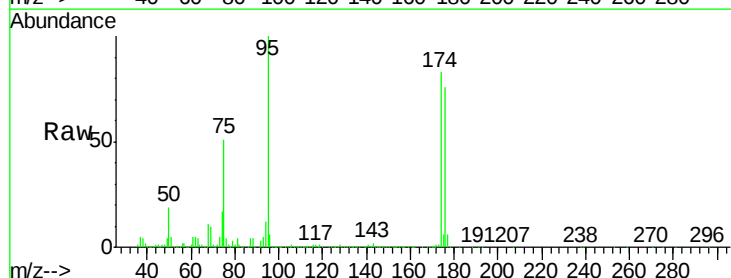
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

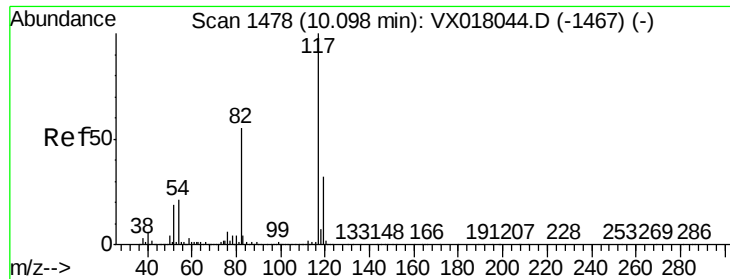
Tgt Ion: 63 Resp: 797
 Ion Ratio Lower Upper
 63 100
 106 25.5 22.1 33.1



#62
 4-Bromofluorobenzene
 Concen: 42.948 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

Tgt Ion: 95 Resp: 314464
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 160.2
 176 76.5 0.0 155.8

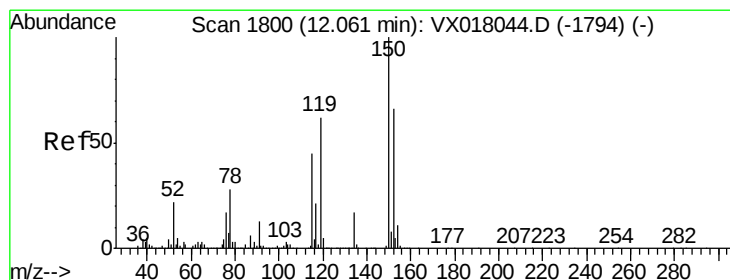
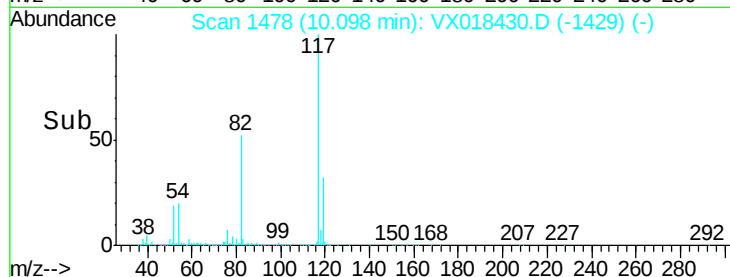
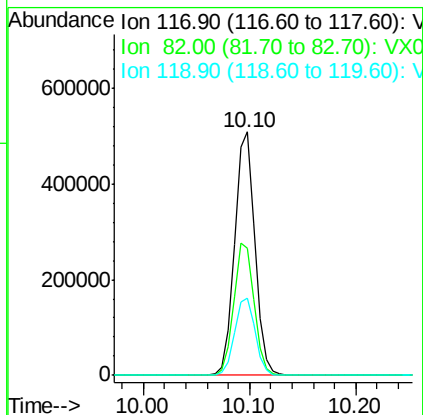
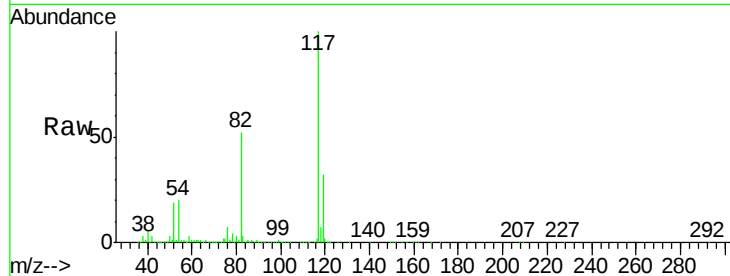




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

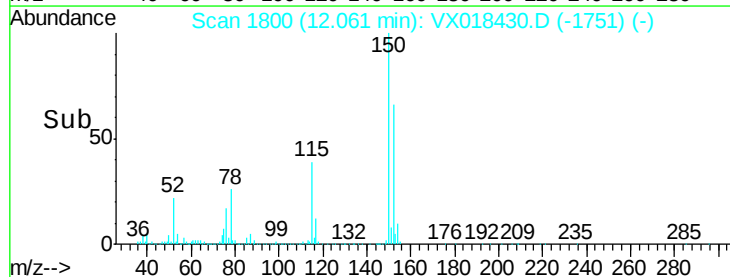
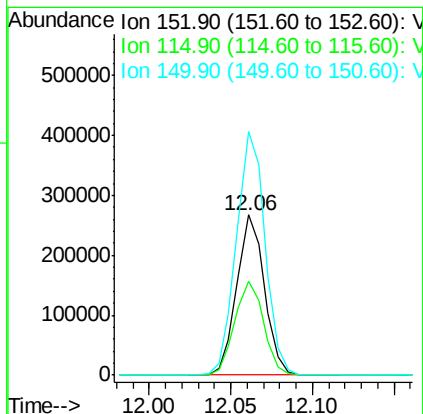
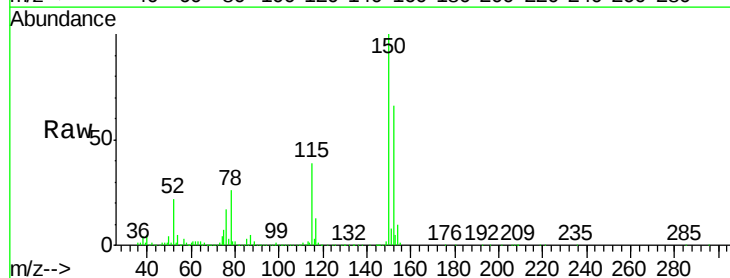
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

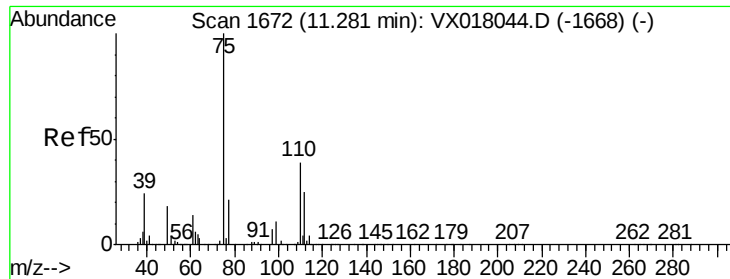
Tgt Ion:117 Resp: 680382
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018430.D
Acq: 16 Sep 2020 10:35

Tgt Ion:152 Resp: 317714
Ion Ratio Lower Upper
152 100
115 60.4 41.5 124.5
150 157.3 0.0 343.8

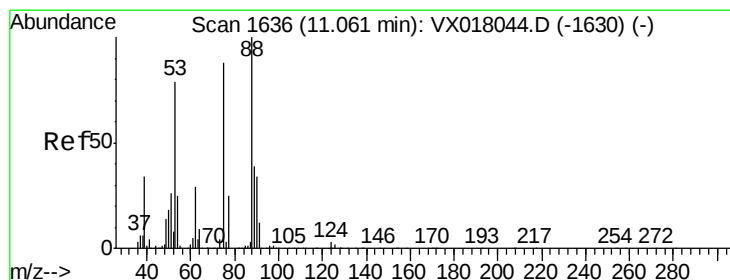
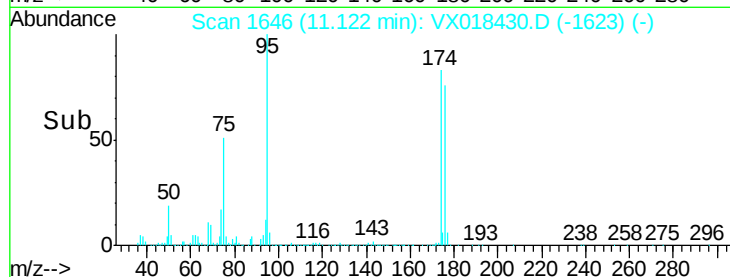
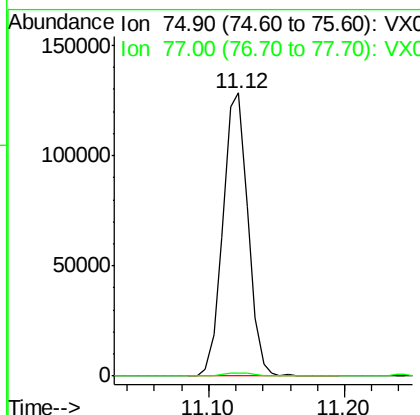
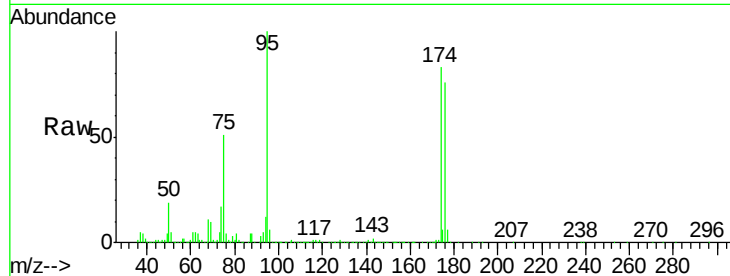




#76
 1,2,3-Trichloropropane
 Concen: 23.207 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

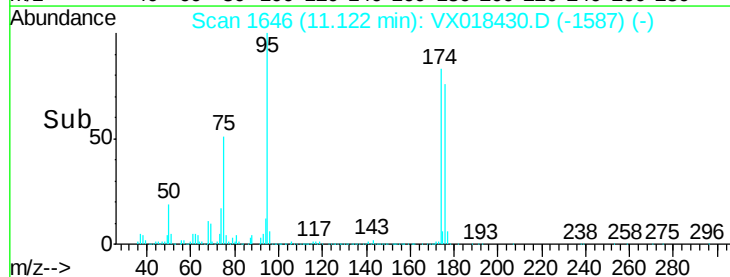
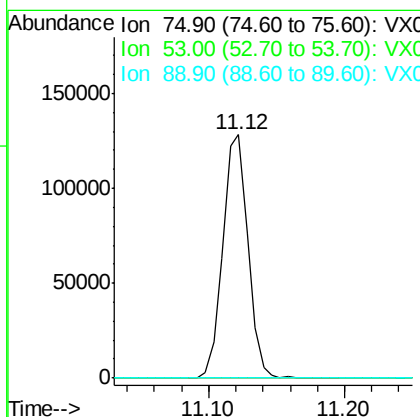
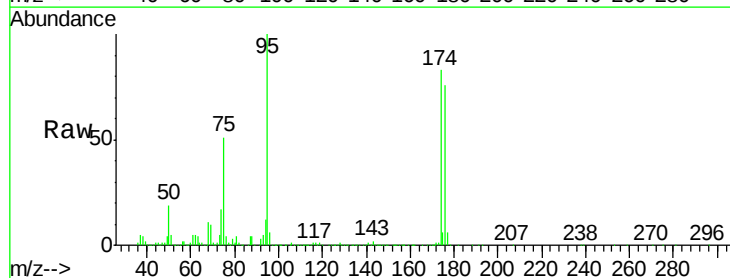
Instrument :
 MSVOA_X
 ClientSampled :
 VX0916MBL01

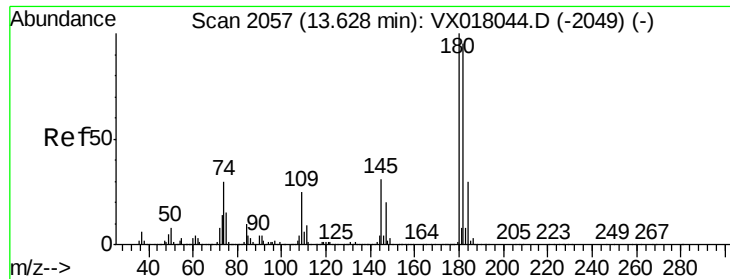
Tgt Ion: 75 Resp: 164022
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.8 62.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.679 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

Tgt Ion: 75 Resp: 164022
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.1 36.6 54.8#

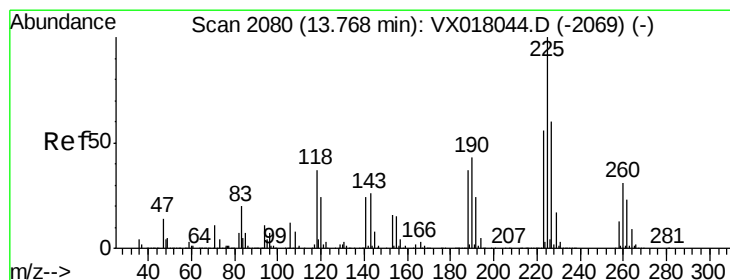
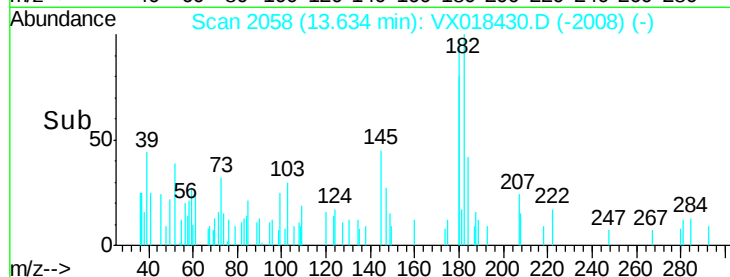
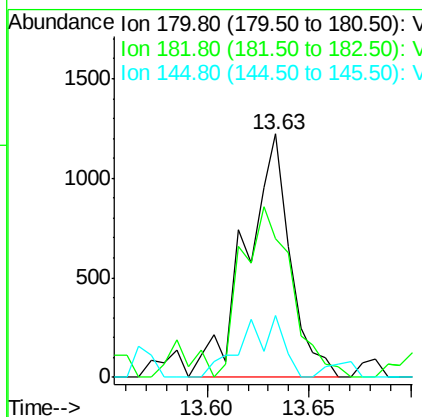
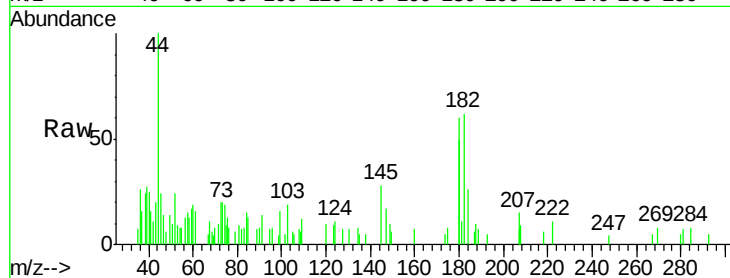




#93
 1,2,4-Trichlorobenzene
 Concen: 0.288 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

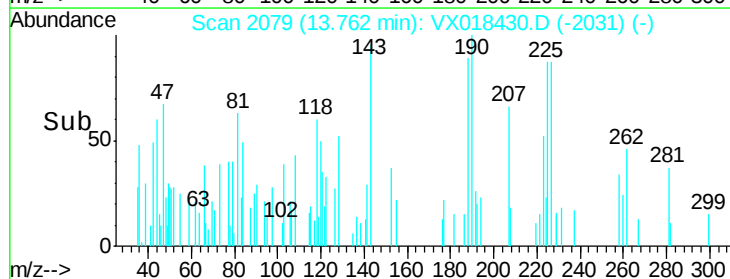
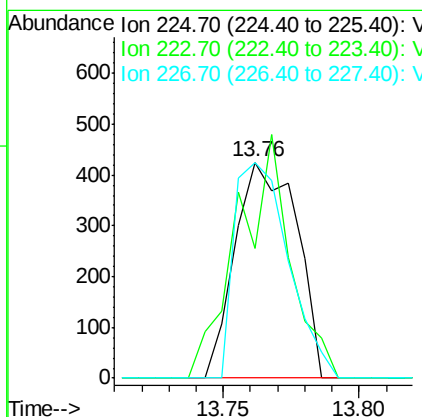
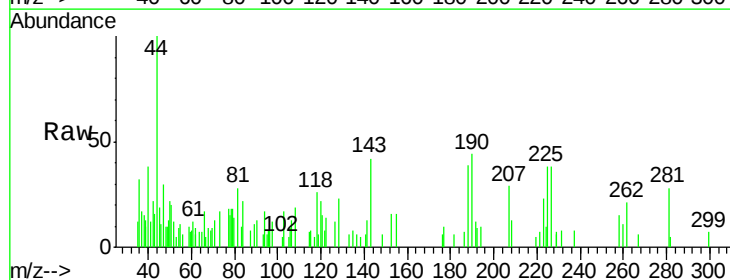
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

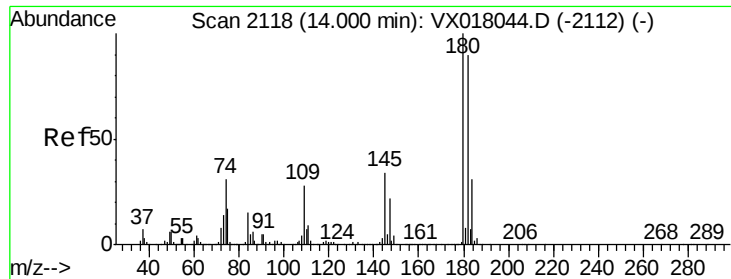
Tgt Ion:180 Resp: 1837
 Ion Ratio Lower Upper
 180 100
 182 78.9 47.5 142.6
 145 22.7 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 0.264 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

Tgt Ion:225 Resp: 666
 Ion Ratio Lower Upper
 225 100
 223 96.2 30.7 92.1#
 227 88.3 32.6 97.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.243 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018430.D
 Acq: 16 Sep 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

Tgt Ion	Resp	Lower	Upper
180	1532		
182	105.6	47.3	142.0
145	37.3	17.5	52.6

