

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016581.D
 Acq On : 04 Jun 2020 15:14
 Operator : JC/SP
 Sample : L2894-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	408540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210784	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	149460	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.46	113	122593	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.70	98	502224	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	206654	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	

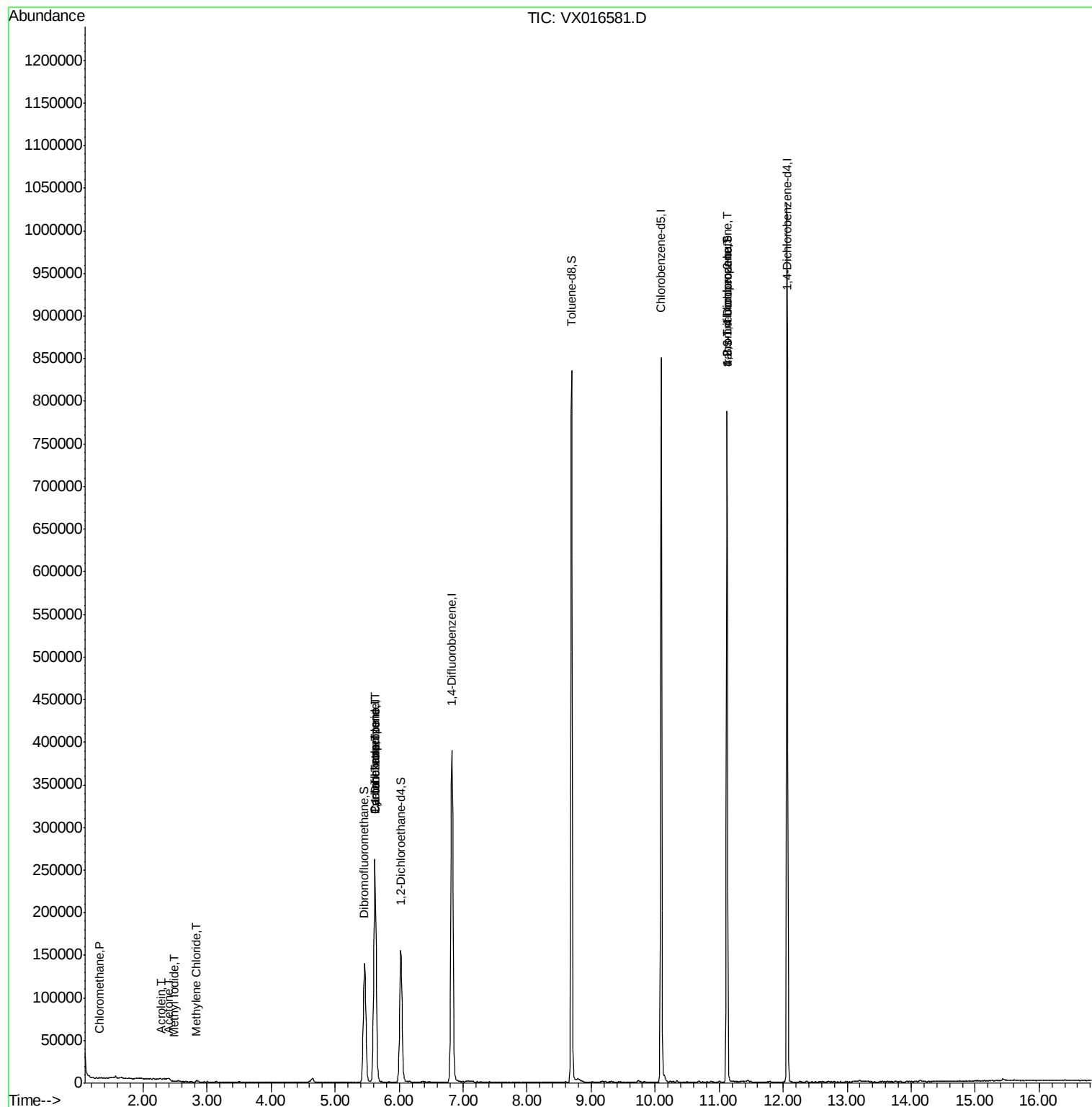
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	646	0.213	ug/l #	76
10) Methyl Iodide	2.50	142	162	3.110	ug/l #	72
13) Acrolein	2.28	56	333	0.965	ug/l	86
16) Acetone	2.41	43	939	0.678	ug/l	93
20) Methylene Chloride	2.83	84	769	0.268	ug/l #	87
31) Cyclohexane	5.62	56	4510	1.026	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	17897	4.627	ug/l #	51
38) Carbon Tetrachloride	5.62	117	24460	6.017	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	99302	21.433	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	99302	52.722	ug/l #	14

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

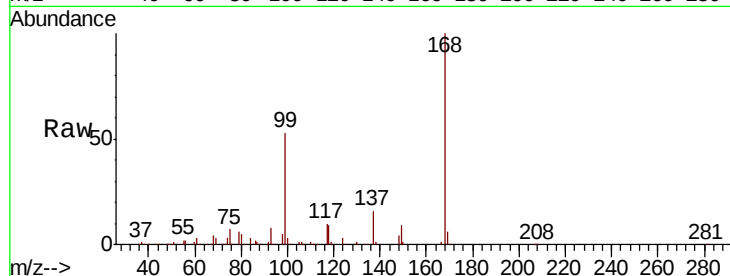
ClientSampleId :

Tot Ion:168 Resp: 254608

Ion Ratio Lower Upper

168 100

99 53.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

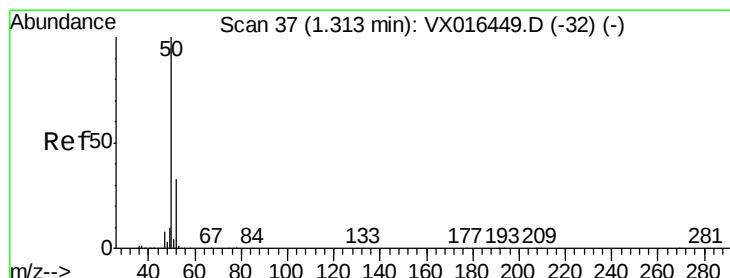
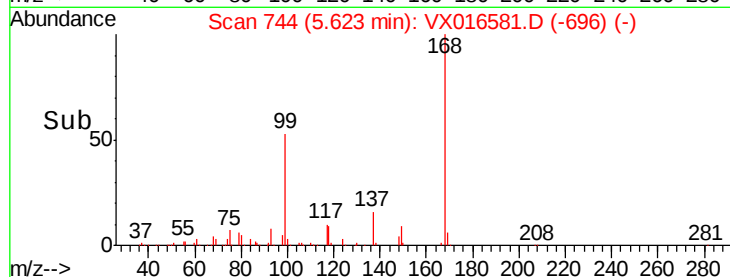
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016581.D

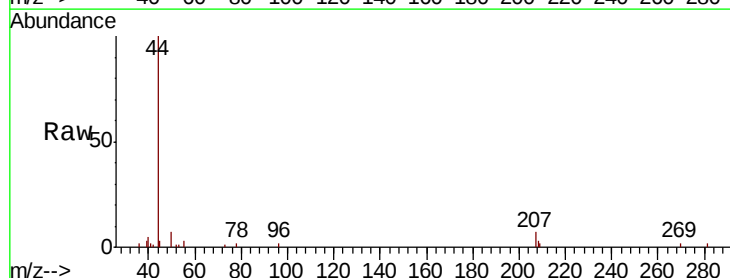
Acq: 04 Jun 2020 15:14

Tgt Ion: 50 Resp: 646

Ion Ratio Lower Upper

50 100

52 19.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

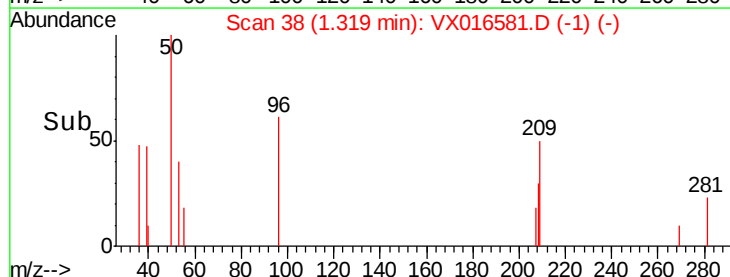
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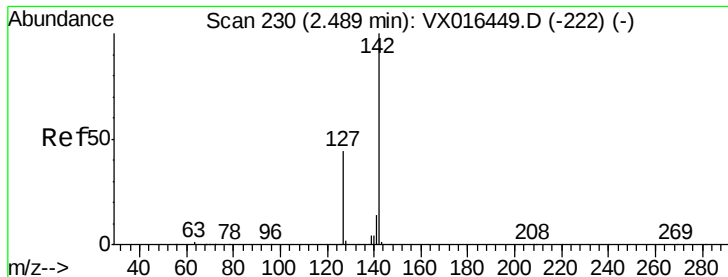
200

100

0

Time-->

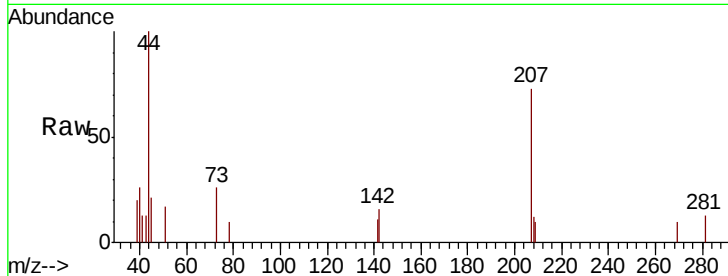




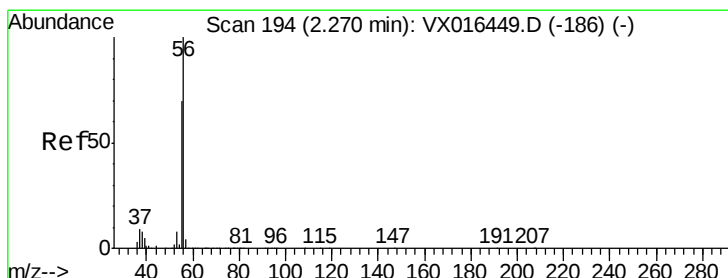
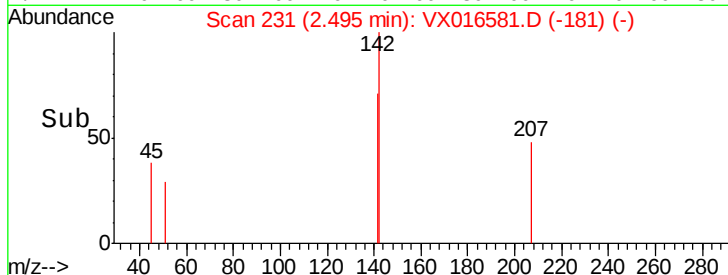
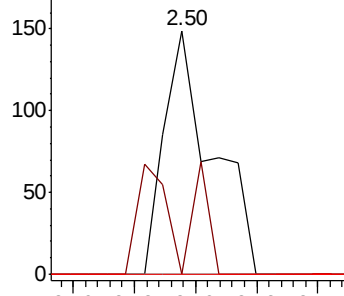
#10
Methyl Iodide
Concen: 3.110 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
127 27.8 35.3 52.9#
141 0.0 11.4 17.2#

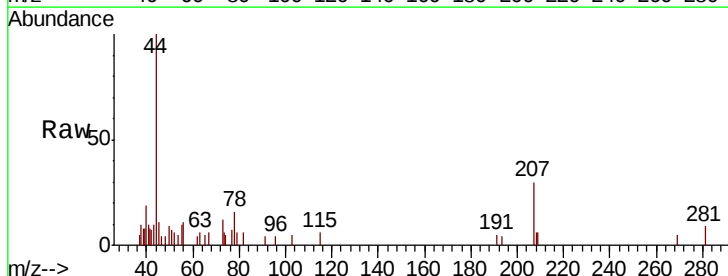


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

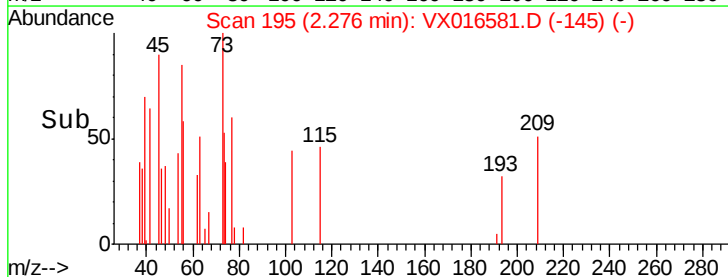
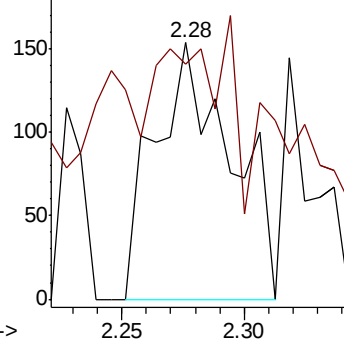


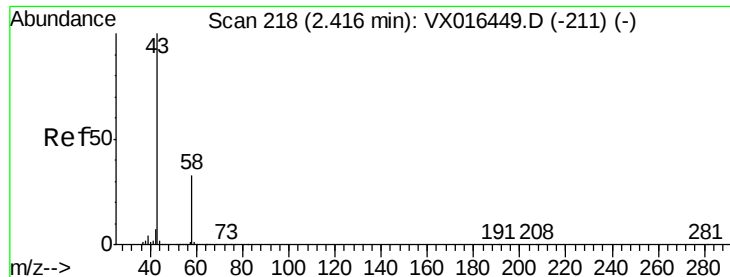
#13
Acrolein
Concen: 0.965 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 61.3 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

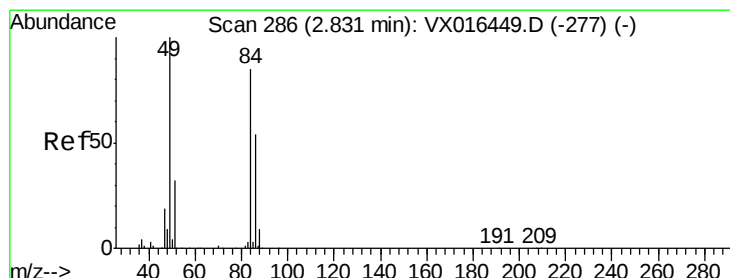
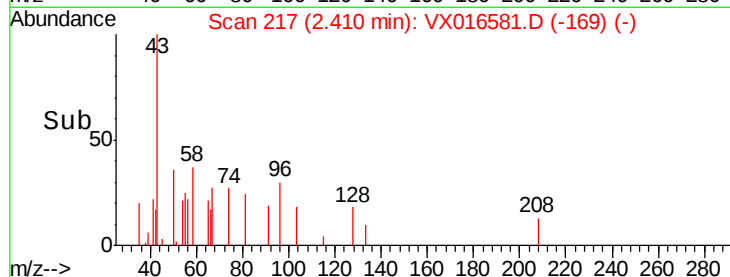
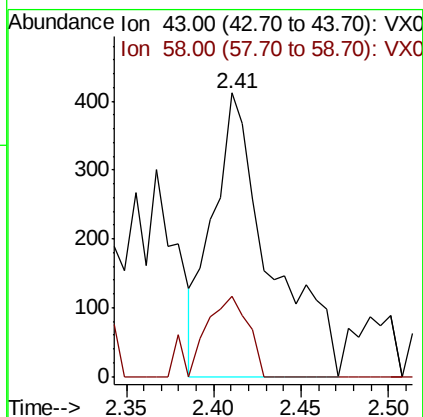
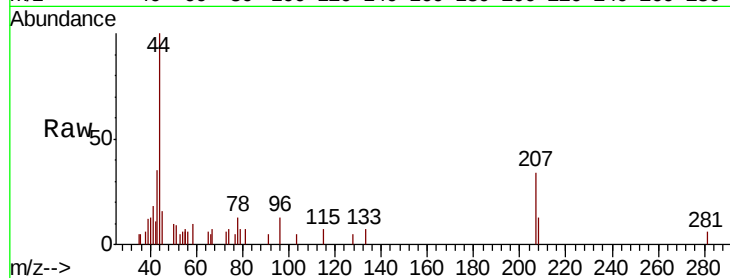




#16
Acetone
Concen: 0.678 ug/l
RT: 2.41 min Scan# 217
Delta R.T. -0.01 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

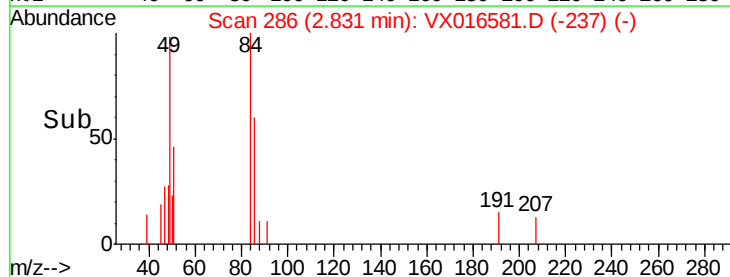
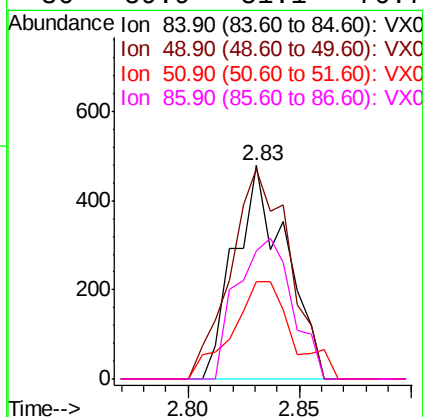
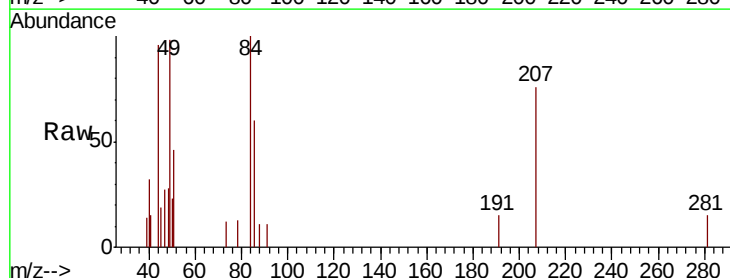
Instrument :
MSVOA_X
ClientSampleId :

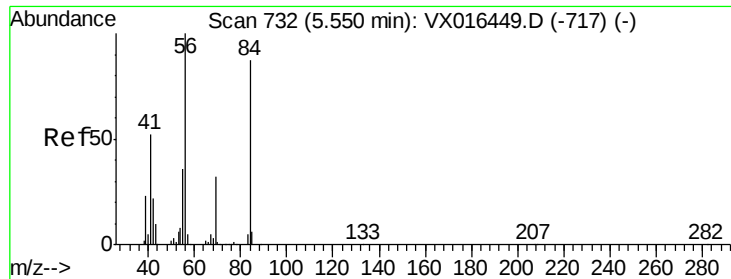
Tot Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 28.4 26.1 39.1



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Tgt Ion: 84 Resp: 769
Ion Ratio Lower Upper
84 100
49 98.3 94.5 141.7
51 45.5 30.2 45.4#
86 59.9 51.1 76.7

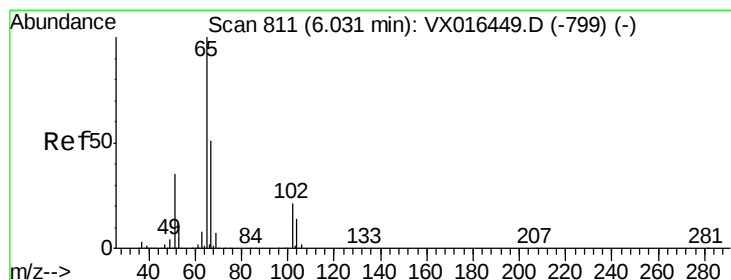
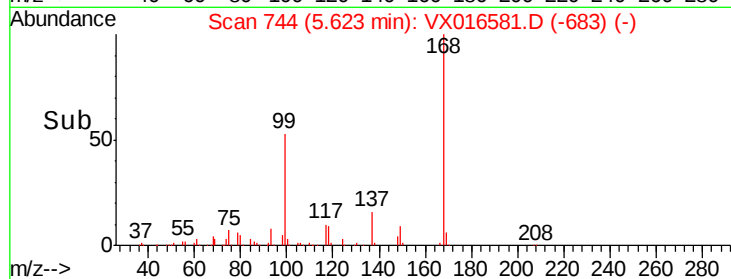
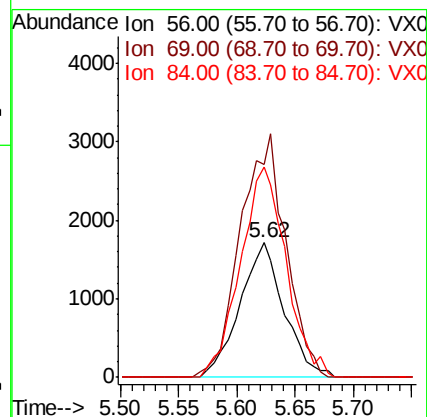
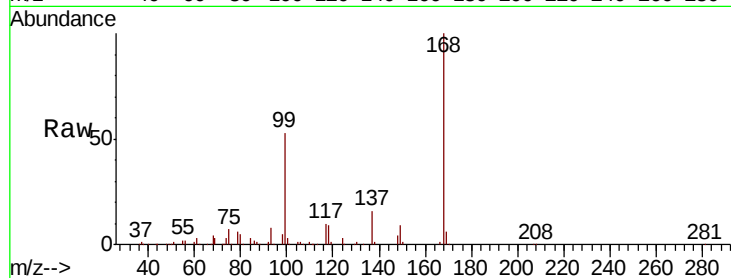




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

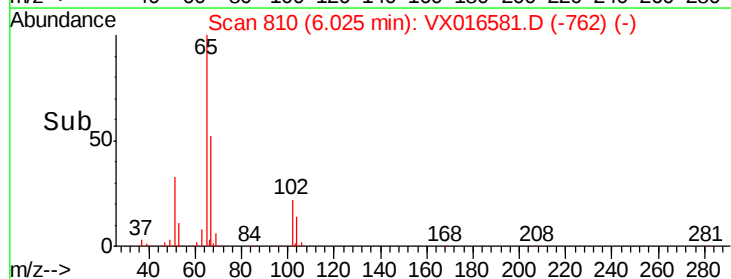
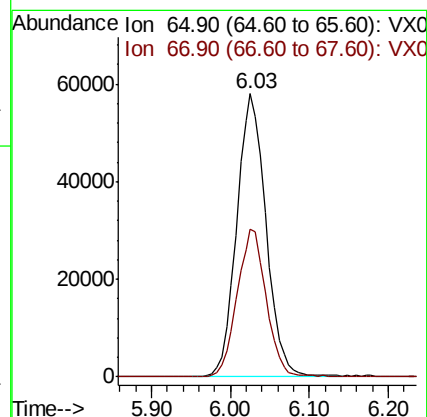
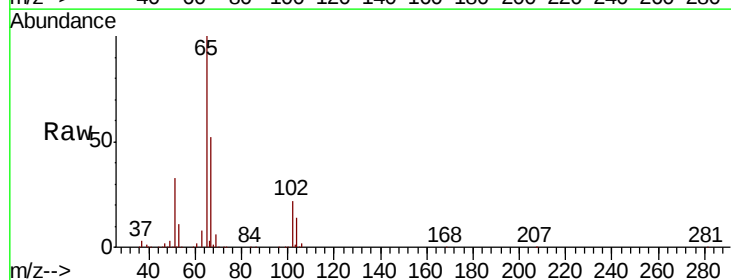
Instrument :
MSVOA_X
ClientSampled :

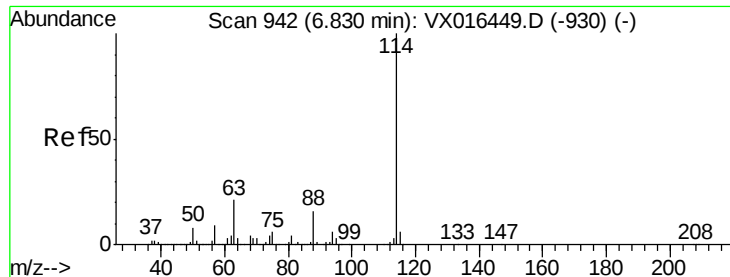
Tot Ion: 56 Resp: 4510
Ion Ratio Lower Upper
56 100
69 158.6 25.7 38.5#
84 156.3 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.269 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Tgt Ion: 65 Resp: 149460
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

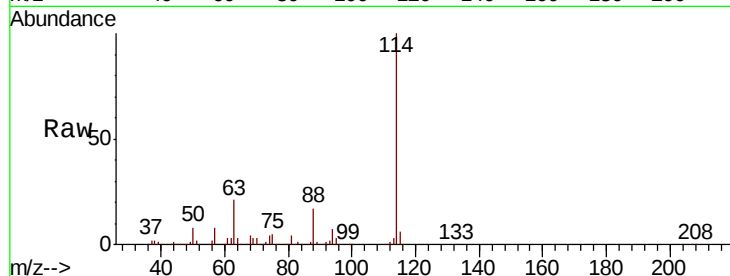
Tot Ion:114 Resp: 408540

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

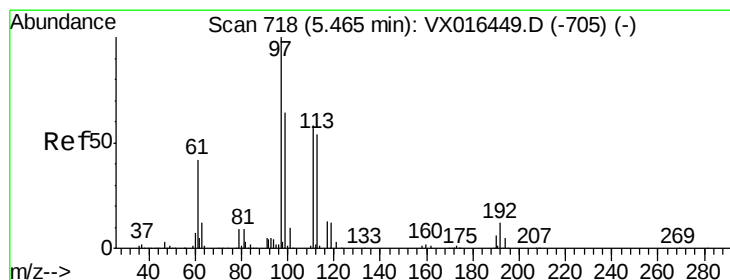
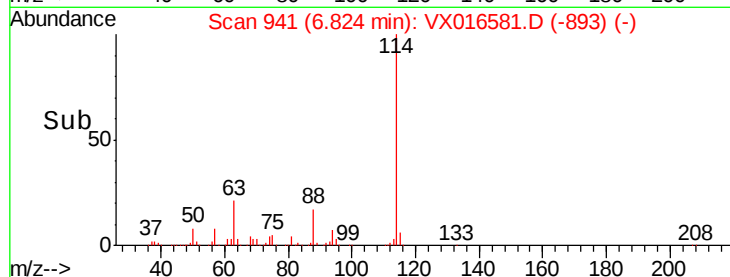
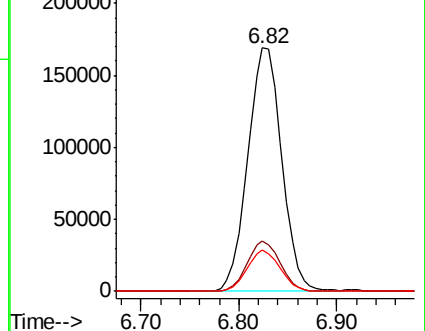
88 16.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.734 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

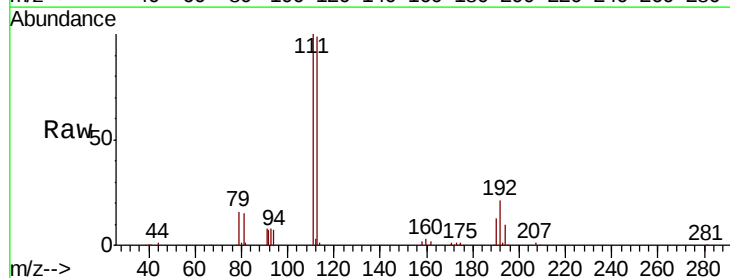
Tgt Ion:113 Resp: 122593

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

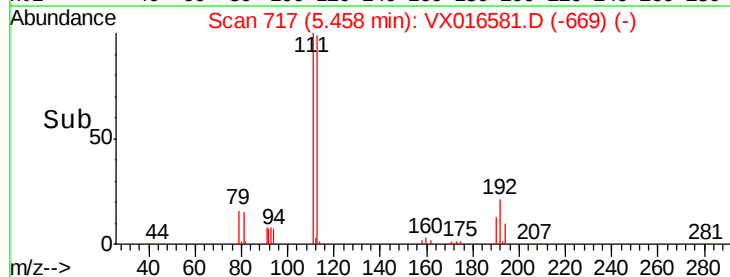
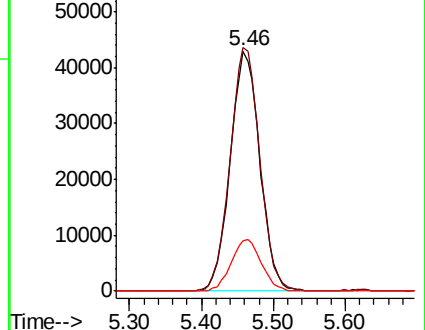
192 21.9 17.7 26.5

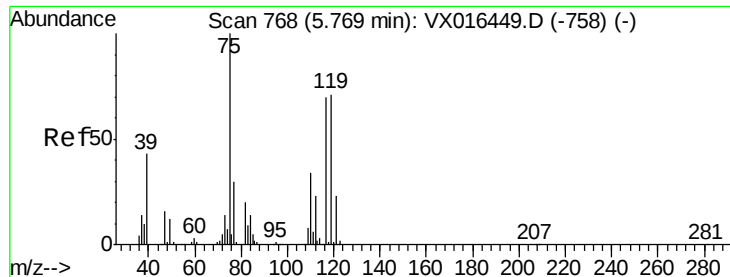


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

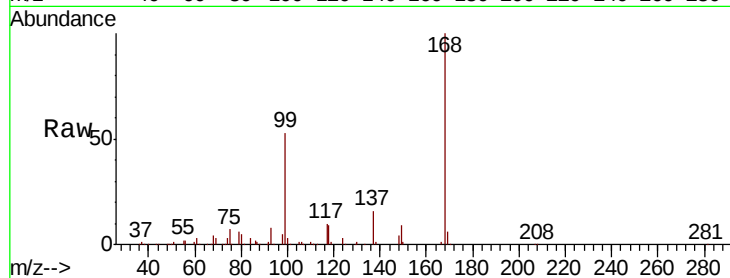
Tot Ion: 75 Resp: 17897

Ion Ratio Lower Upper

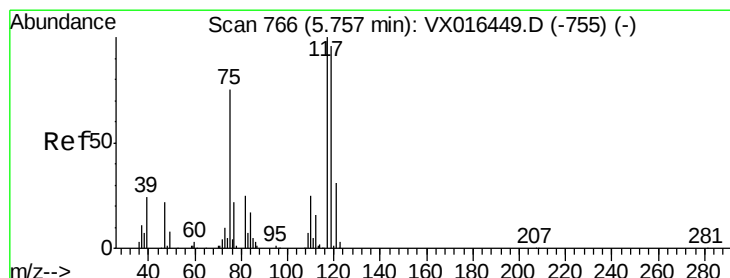
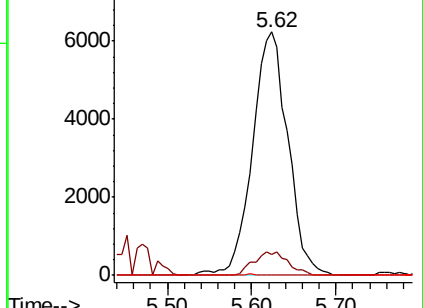
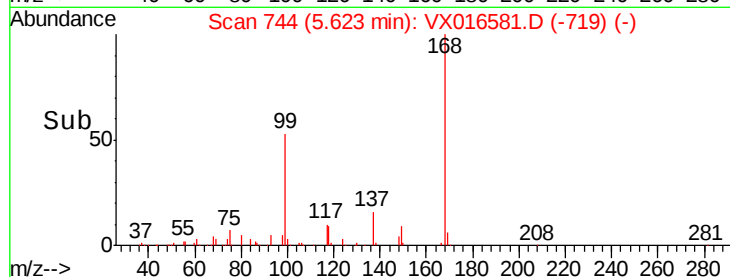
75 100

110 9.4 17.4 52.3#

77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX016581.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 6.017 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

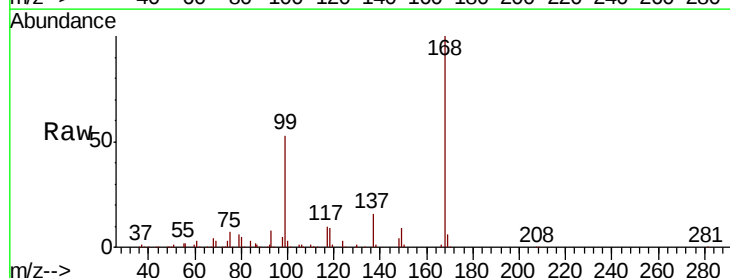
Tgt Ion: 117 Resp: 24460

Ion Ratio Lower Upper

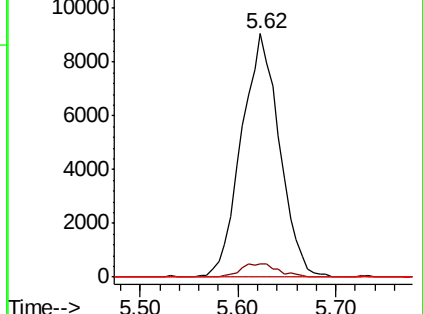
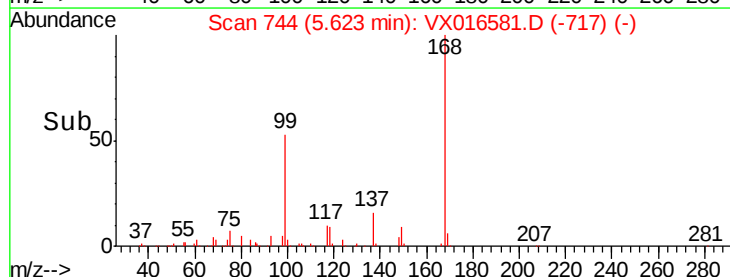
117 100

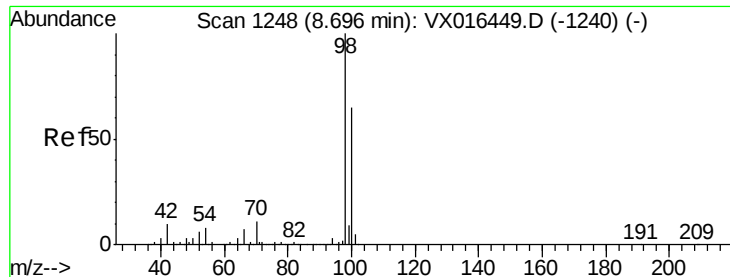
119 5.3 76.3 114.5#

121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): VX016581.D (-717) (-)

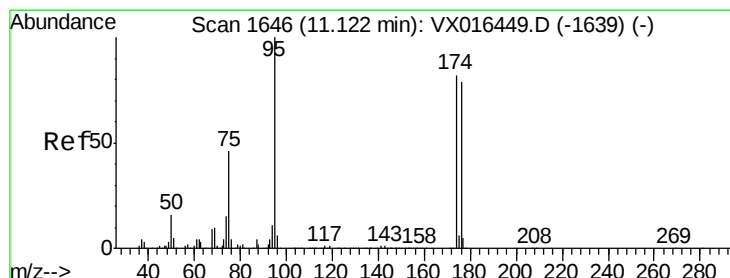
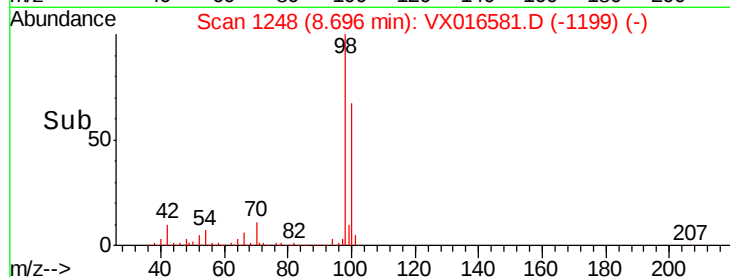
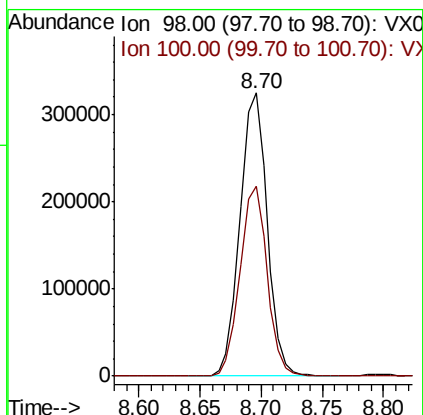
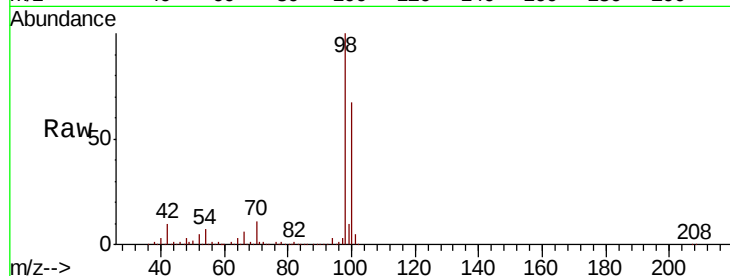




#50
Toluene-d8
Concen: 51.294 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

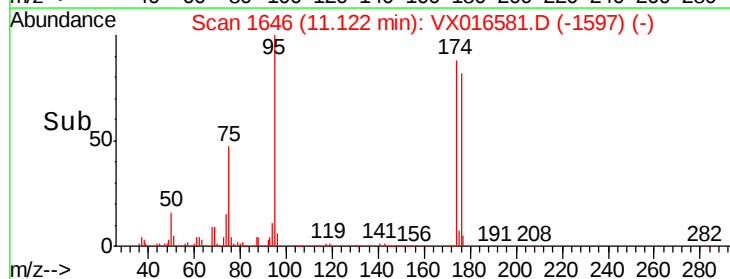
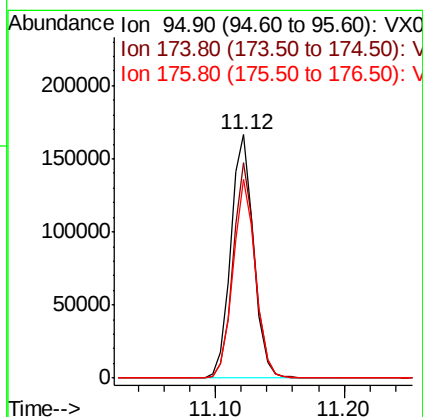
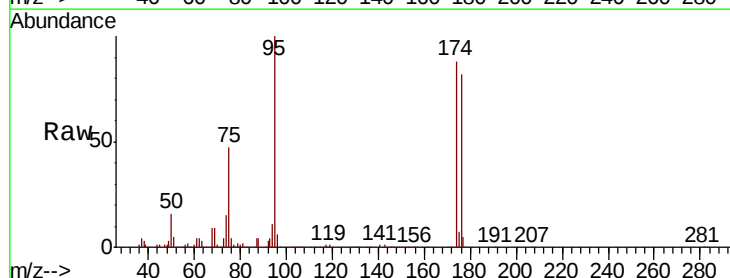
Instrument :
MSVOA_X
ClientSampleId :

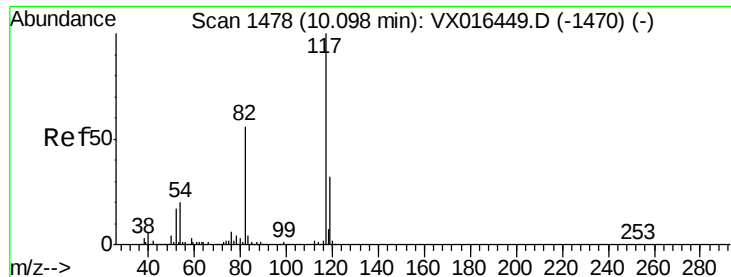
Tot Ion: 98 Resp: 502224
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.623 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Tgt Ion: 95 Resp: 206654
Ion Ratio Lower Upper
95 100
174 85.4 0.0 163.0
176 80.3 0.0 156.8

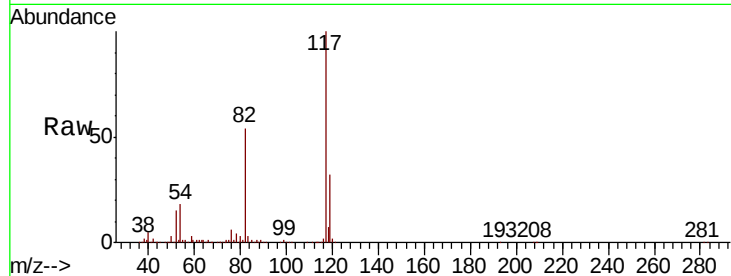




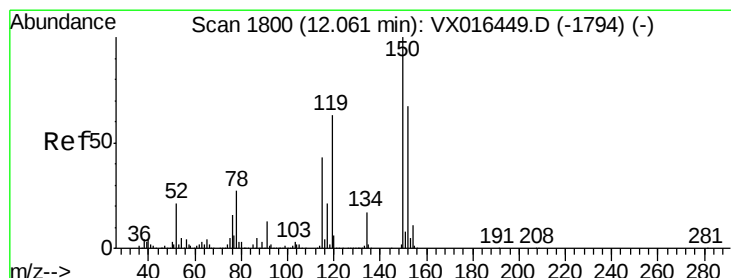
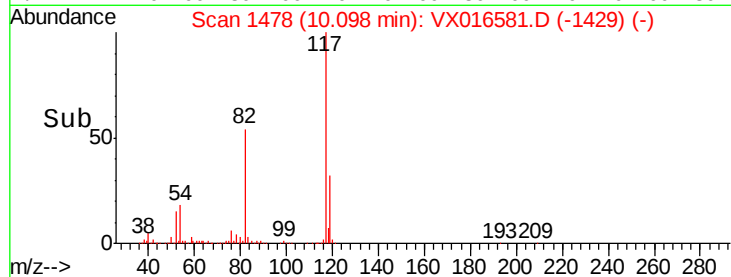
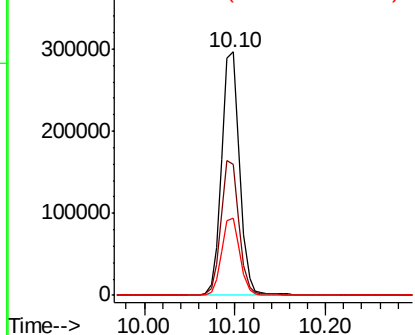
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.6
119	31.9	25.8	38.8

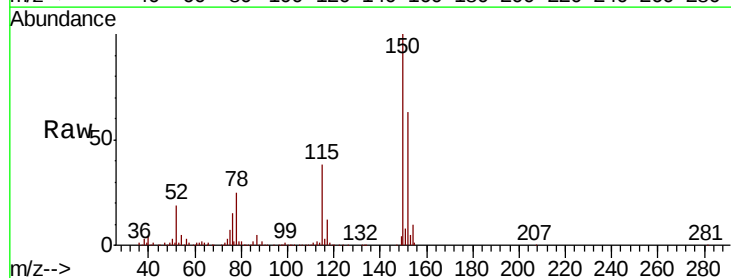


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

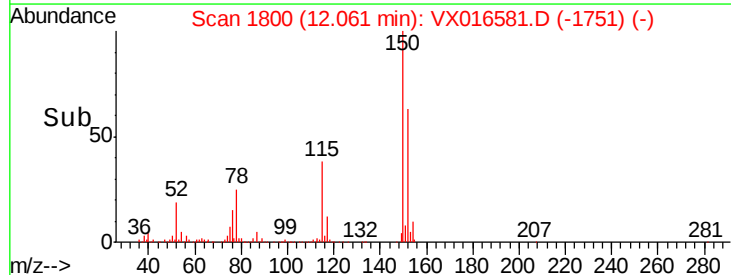
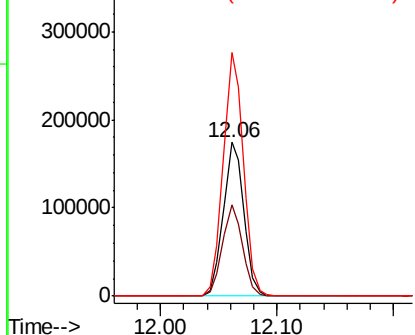


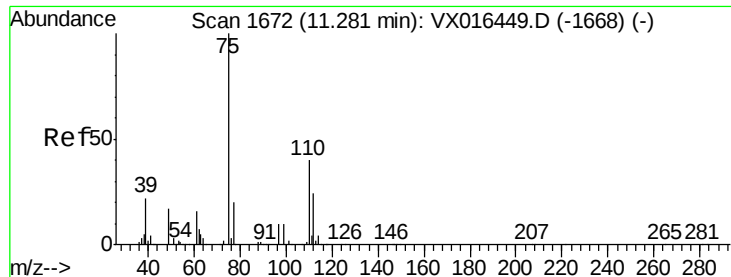
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016581.D
Acq: 04 Jun 2020 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	39.9	119.6
150	156.8	0.0	341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.433 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Instrument :

MSVOA_X

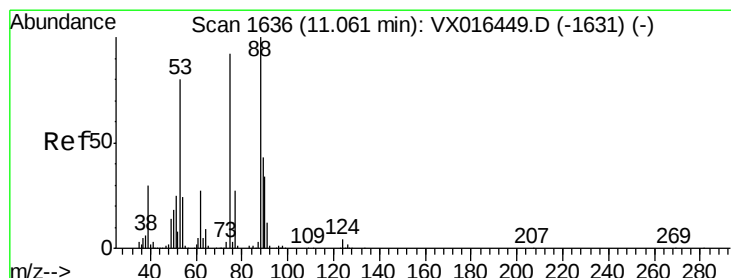
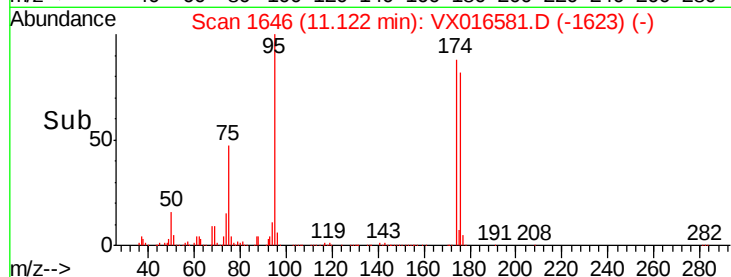
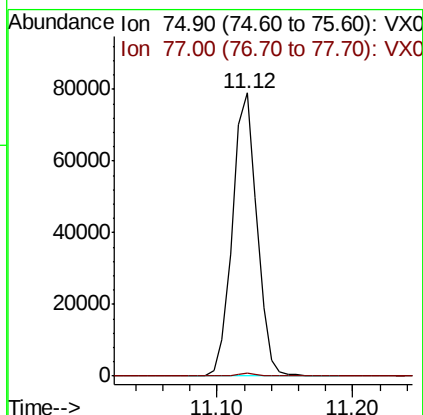
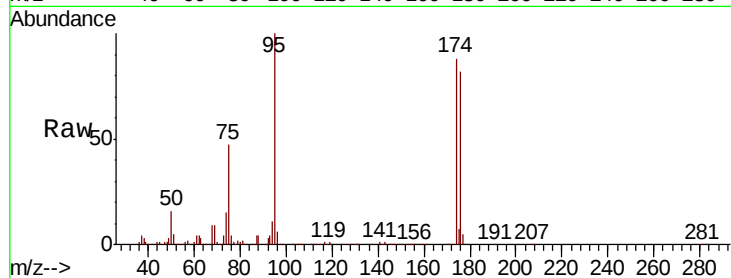
ClientSampleId :

Tot Ion: 75 Resp: 99302

Ion Ratio Lower Upper

75 100

77 1.1 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.722 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016581.D

Acq: 04 Jun 2020 15:14

Tgt Ion: 75 Resp: 99302

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 36.6 55.0#

