

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016563.D
 Acq On : 03 Jun 2020 13:19
 Operator : JC/SP
 Sample : L2866-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 08:23:54 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	5.63	168	270749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	425959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216108	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	154312	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
35) Dibromofluoromethane	5.46	113	125942	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	8.70	98	535128	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.12	95	216251	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	

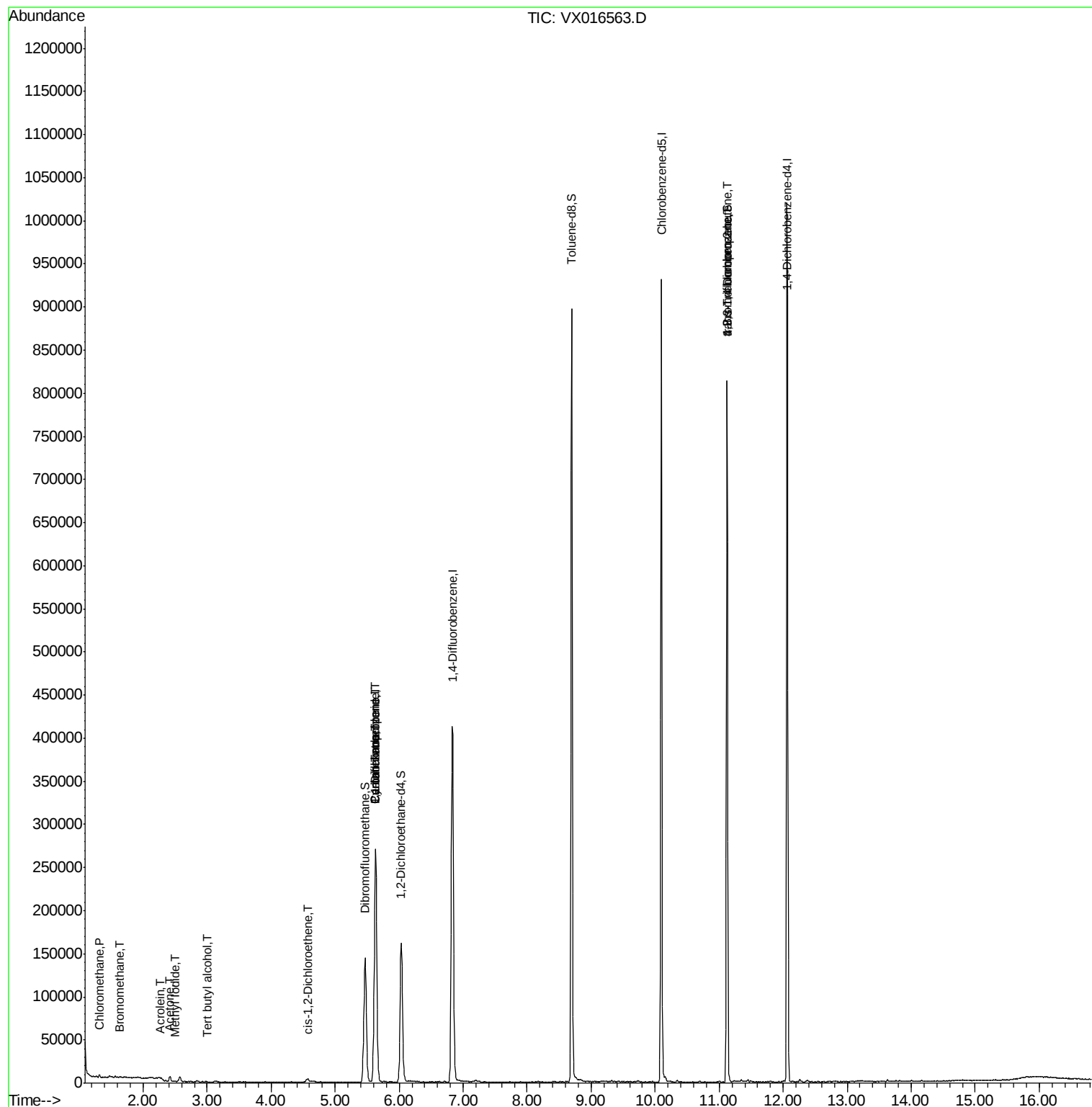
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2737	0.850	ug/l	92
5) Bromomethane	1.64	94	477	0.288	ug/l #	22
10) Methyl Iodide	2.50	142	308	3.154	ug/l #	70
11) Tert butyl alcohol	3.00	59	233	0.270	ug/l #	72
13) Acrolein	2.26	56	508	1.385	ug/l #	41
16) Acetone	2.42	43	6665	4.524	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	2883	0.865	ug/l	89
31) Cyclohexane	5.63	56	4947	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	18537	4.596	ug/l #	51
38) Carbon Tetrachloride	5.63	117	25351	5.981	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	103394	21.766	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	103394	53.542	ug/l #	14

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

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ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 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: VX016563.D

Acq: 03 Jun 2020 13:19

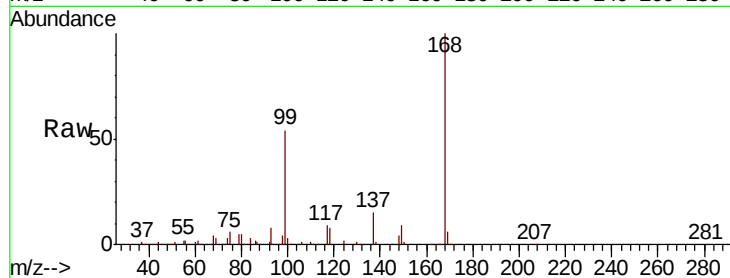
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 270749

Ion Ratio Lower Upper

168 100

99 53.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

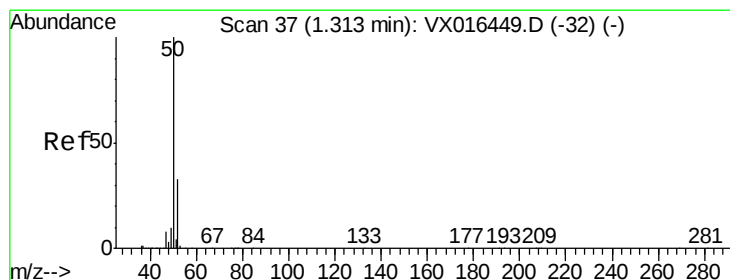
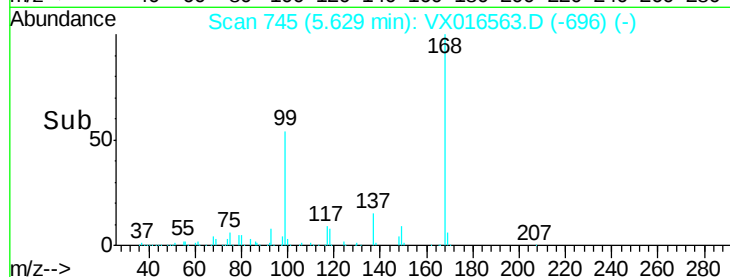
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.850 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016563.D

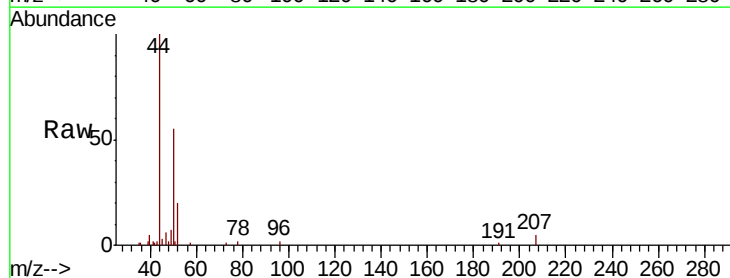
Acq: 03 Jun 2020 13:19

Tgt Ion: 50 Resp: 2737

Ion Ratio Lower Upper

50 100

52 37.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2500

2000

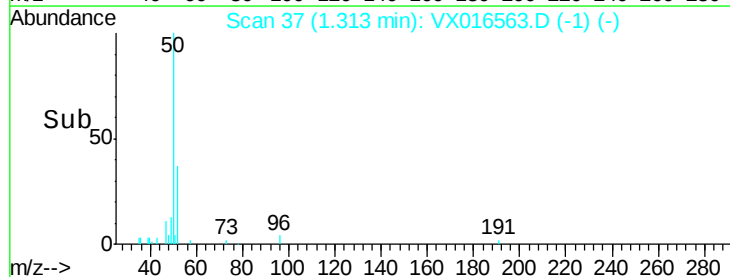
1500

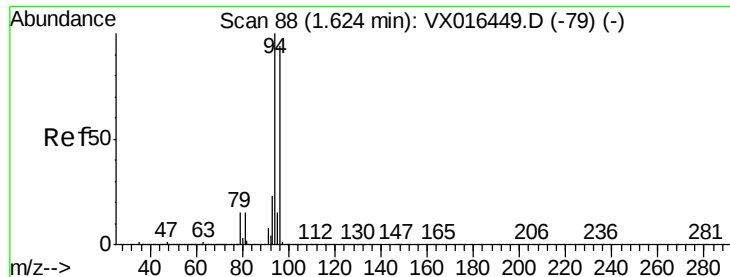
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.288 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

Instrument :

MSVOA_X

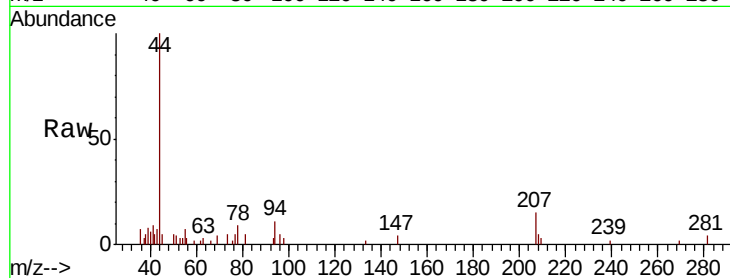
ClientSampled :

Tot Ion: 94 Resp: 477

Ion Ratio Lower Upper

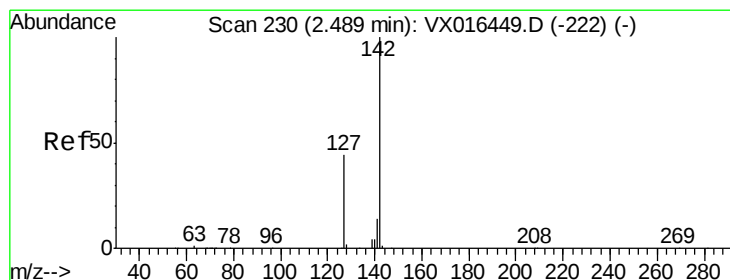
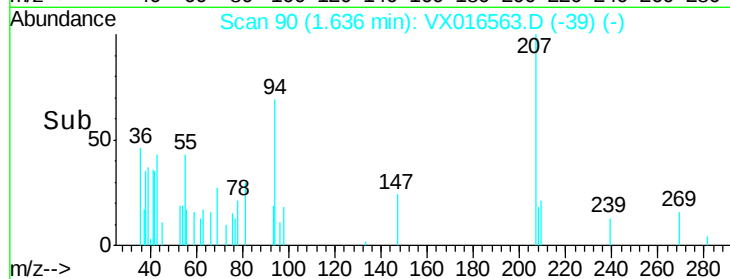
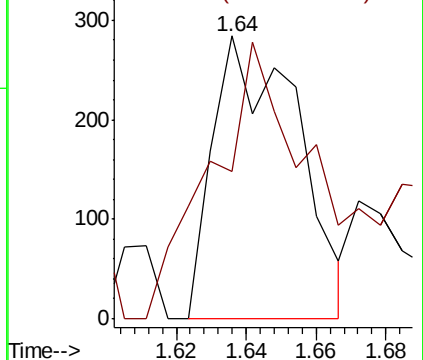
94 100

96 19.0 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 3.154 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

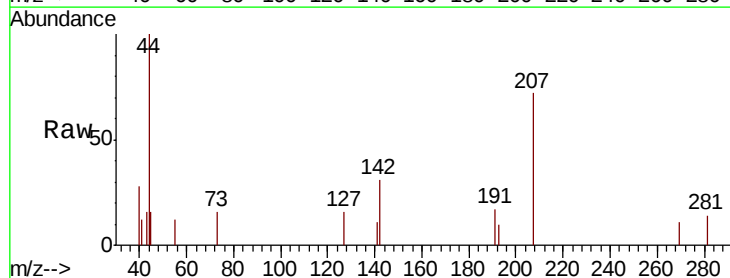
Tgt Ion: 142 Resp: 308

Ion Ratio Lower Upper

142 100

127 22.1 35.3 52.9#

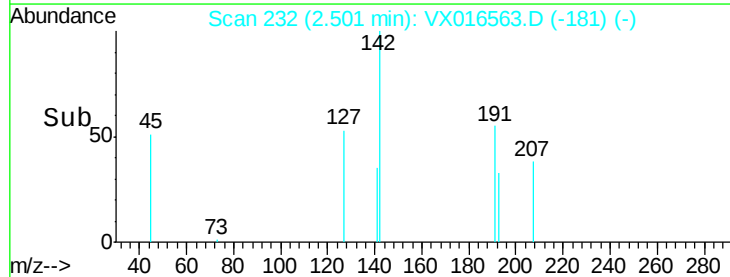
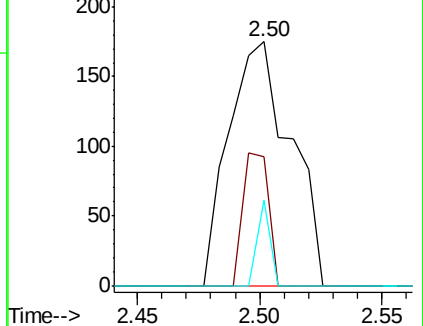
141 7.1 11.4 17.2#

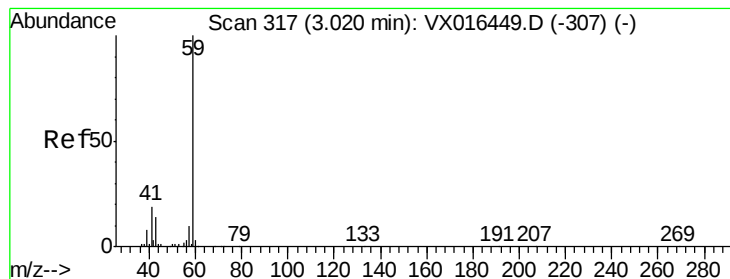


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



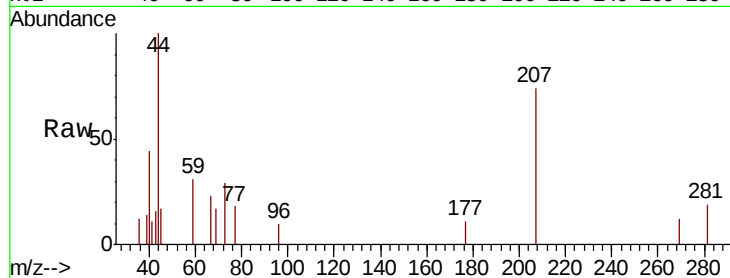


#11

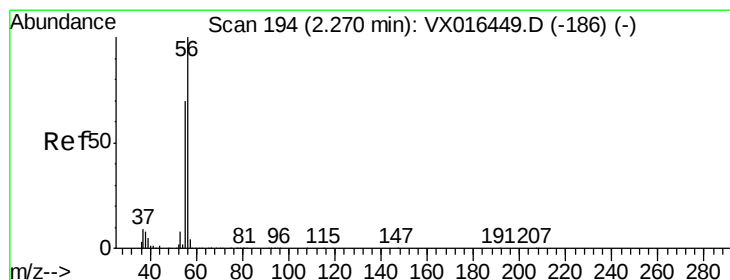
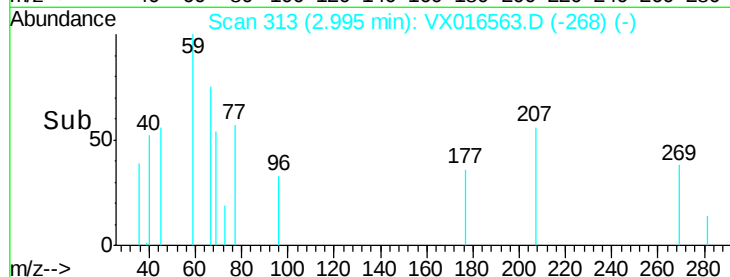
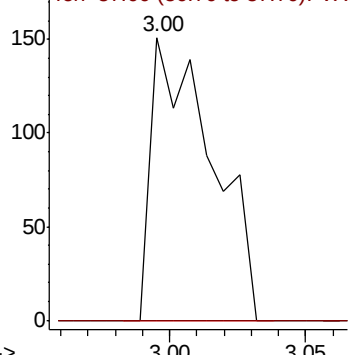
Tert butyl alcohol
Concen: 0.270 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX016563.D
Acq: 03 Jun 2020 13:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



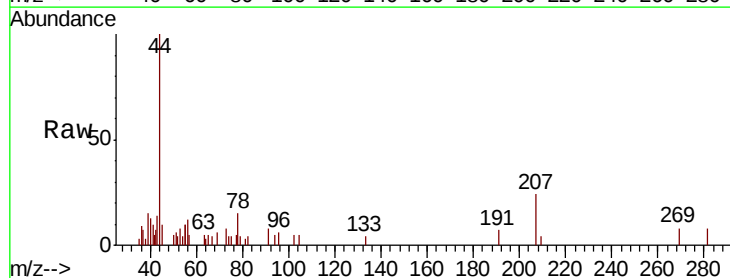
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



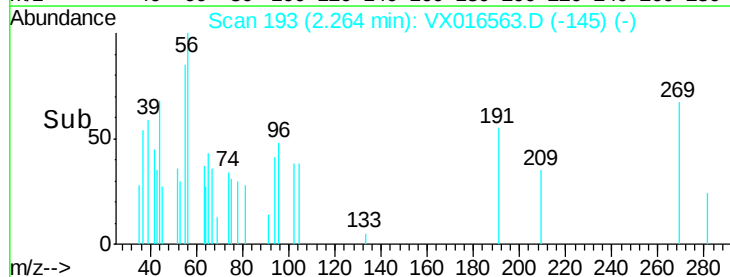
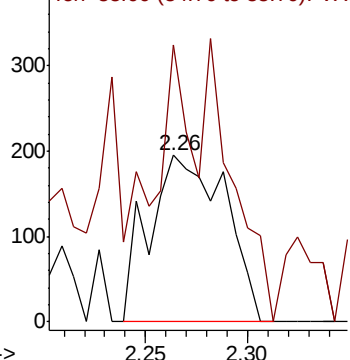
#13

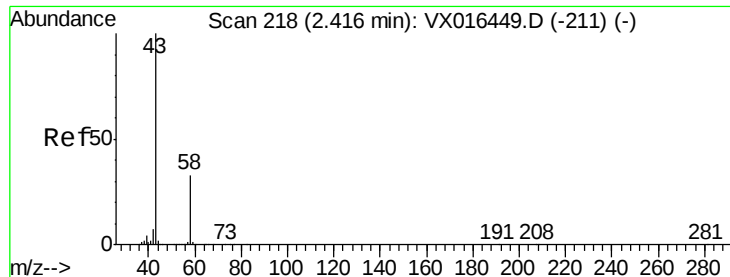
Acrolein
Concen: 1.385 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX016563.D
Acq: 03 Jun 2020 13:19

Tgt Ion: 56 Resp: 508
Ion Ratio Lower Upper
56 100
55 23.6 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: 4.524 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

Instrument :

MSVOA_X

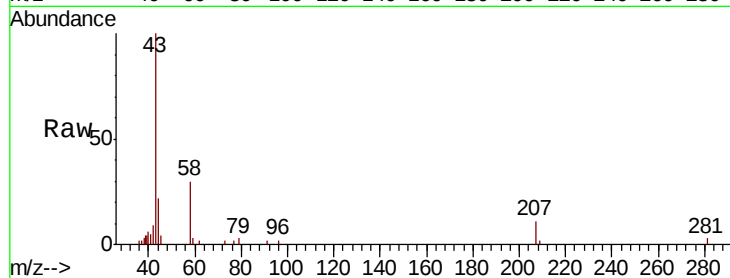
ClientSampleId :

Tot Ion: 43 Resp: 6665

Ion Ratio Lower Upper

43 100

58 30.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

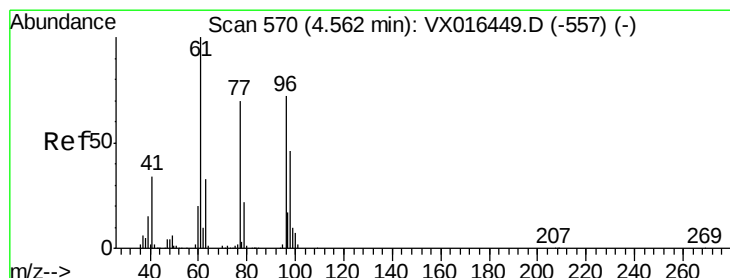
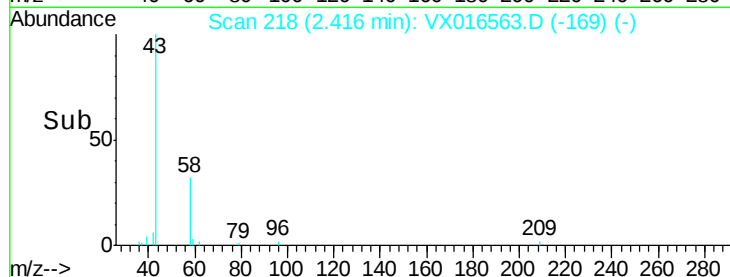
2000

1000

0

Time-->

2.35 2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 0.865 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

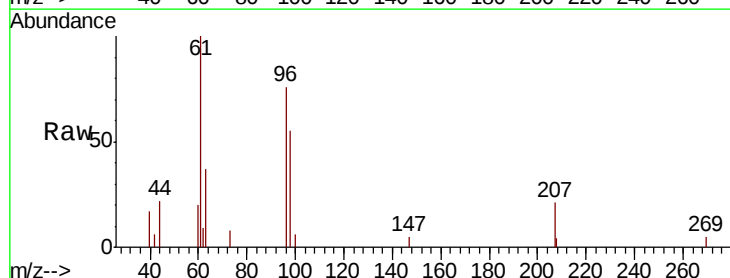
Tgt Ion: 96 Resp: 2883

Ion Ratio Lower Upper

96 100

61 126.2 0.0 284.6

98 57.6 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1500

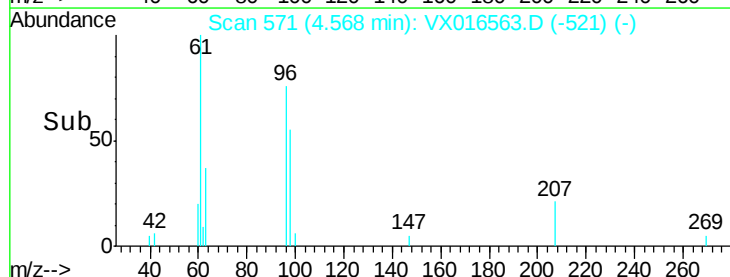
1000

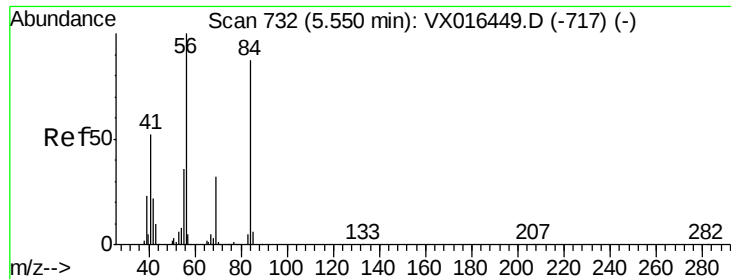
500

0

Time-->

4.45 4.50 4.55 4.60 4.65

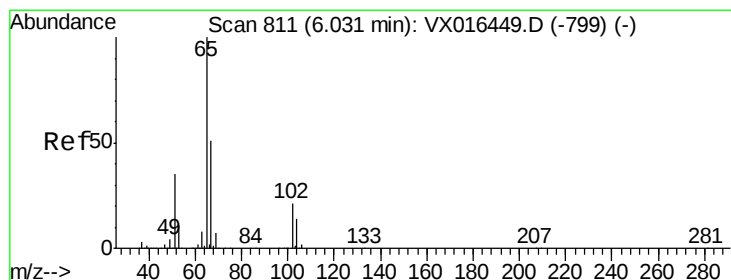
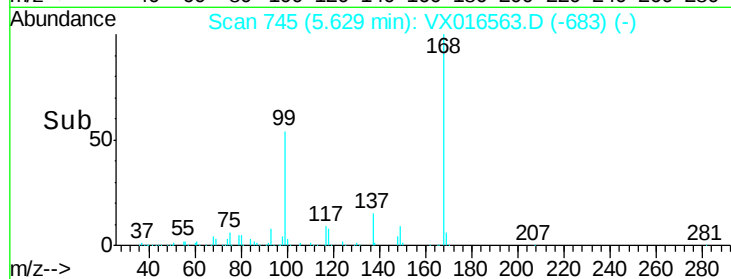
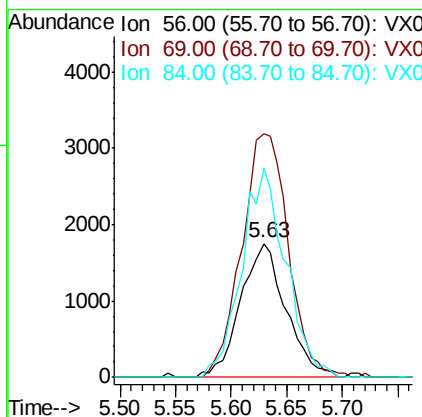
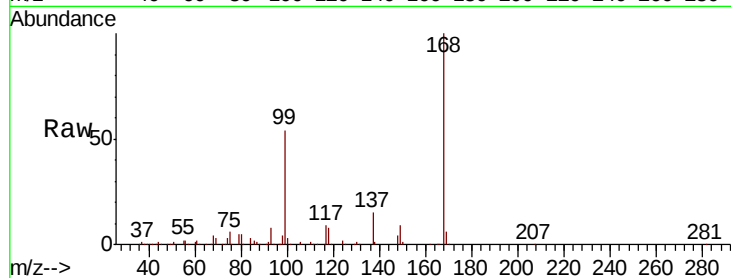




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016563.D
Acq: 03 Jun 2020 13:19

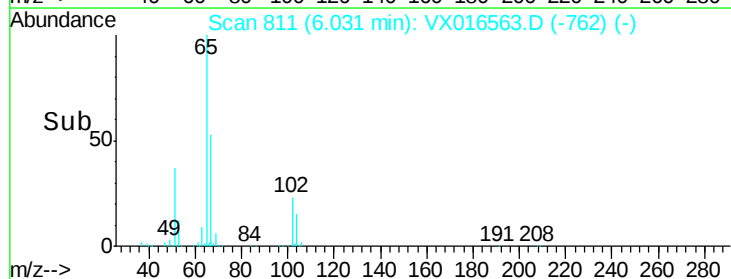
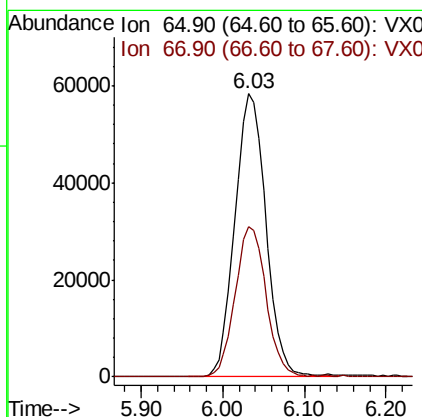
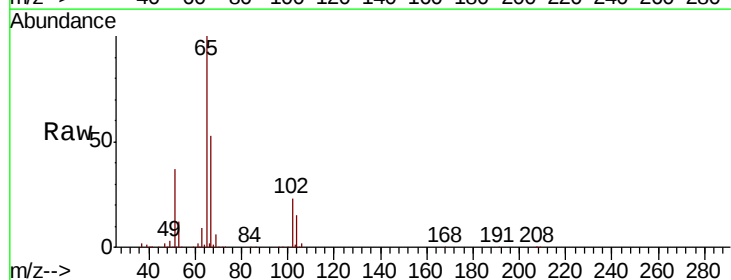
Instrument :
MSVOA_X
ClientSampleId :

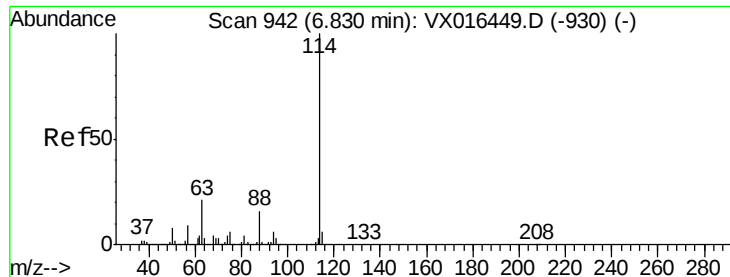
Tot Ion: 56 Resp: 4947
Ion Ratio Lower Upper
56 100
69 181.5 25.7 38.5#
84 156.0 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 45.894 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016563.D
Acq: 03 Jun 2020 13:19

Tgt Ion: 65 Resp: 154312
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

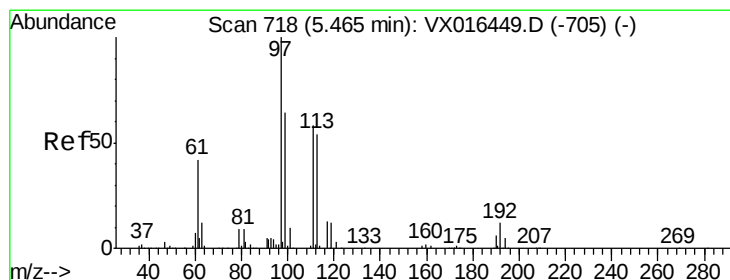
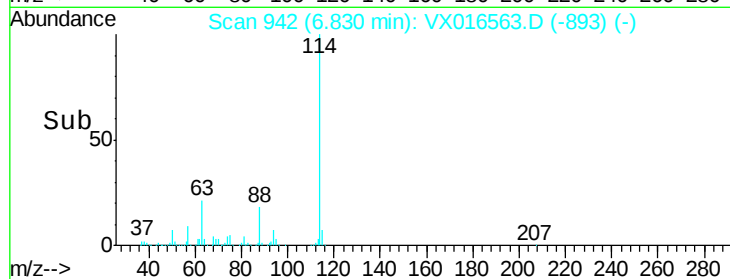
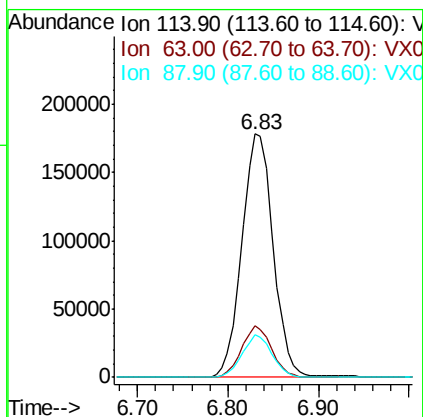
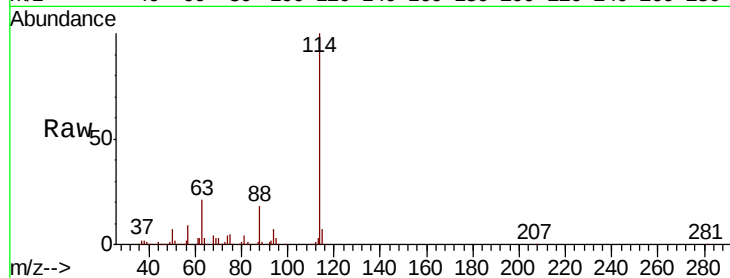




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016563.D
 Acq: 03 Jun 2020 13:19

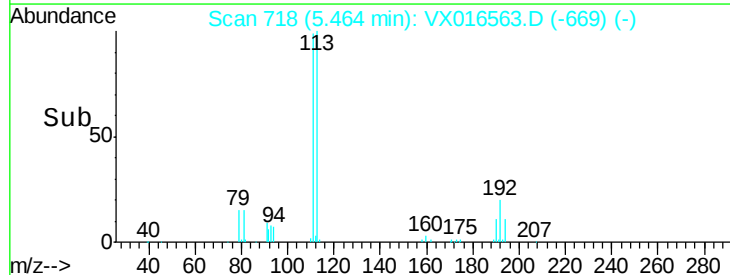
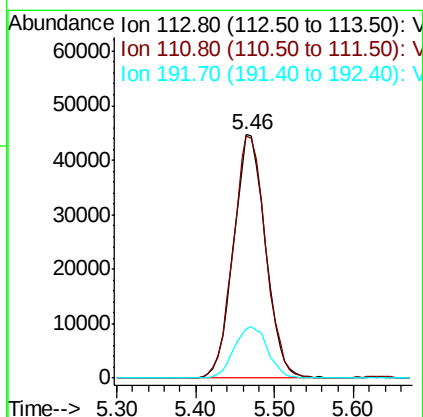
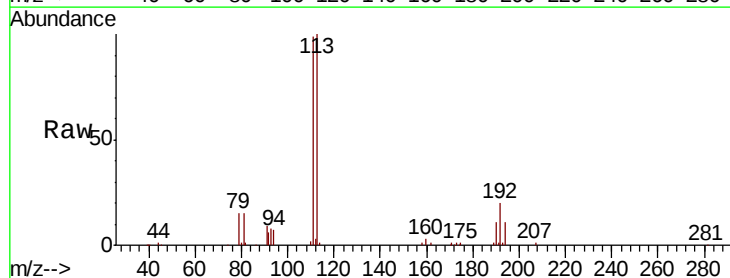
Instrument :
 MSVOA_X
 ClientSampleId :

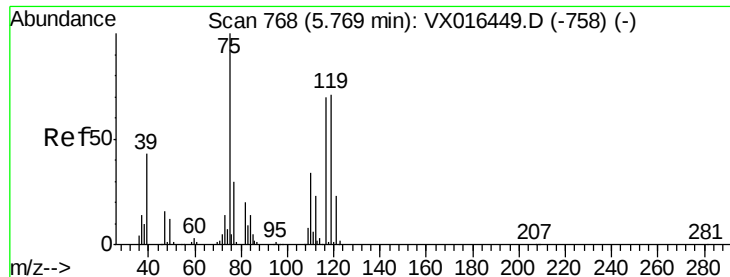
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.6
88	17.5	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 48.018 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016563.D
 Acq: 03 Jun 2020 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	22.2	17.7	26.5





#36

1,1-Dichloropropene

Concen: 4.596 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

Instrument :

MSVOA_X

ClientSampleId :

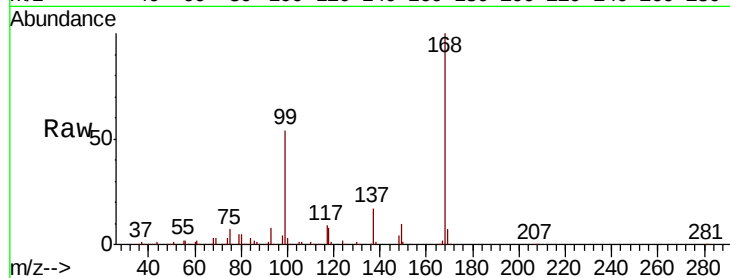
Tot Ion: 75 Resp: 18537

Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.3#

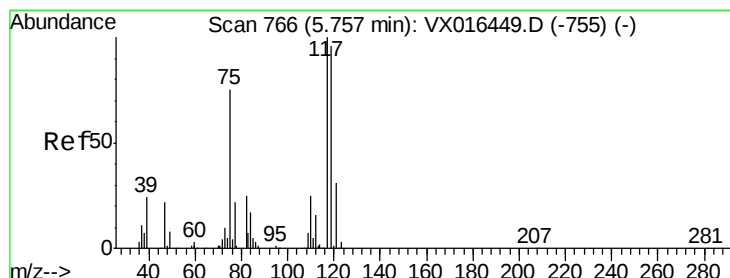
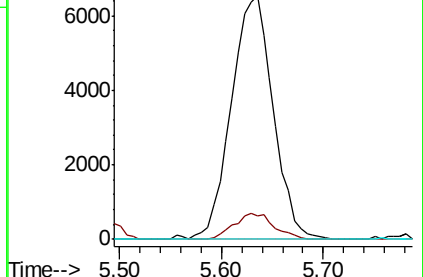
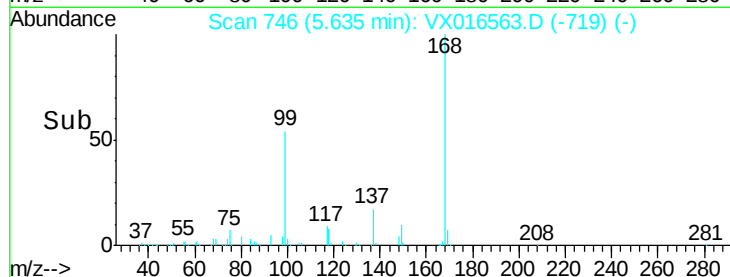
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX016563.D (-719) (-)

Ion 109.90 (109.60 to 110.60): VX016563.D (-719) (-)

Ion 76.90 (76.60 to 77.60): VX016563.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 5.981 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

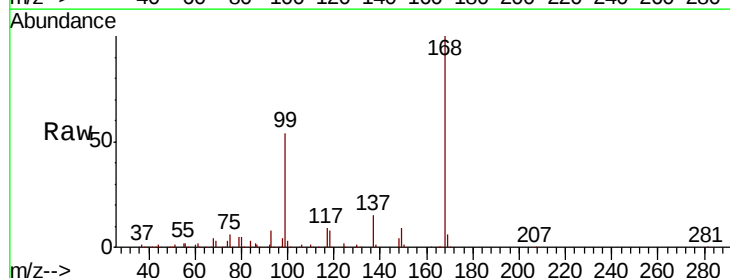
Tgt Ion: 117 Resp: 25351

Ion Ratio Lower Upper

117 100

119 4.6 76.3 114.5#

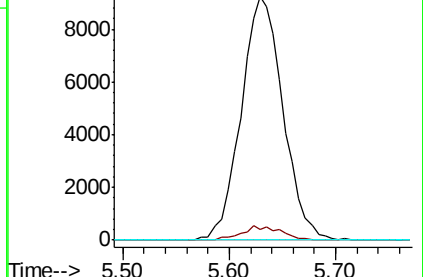
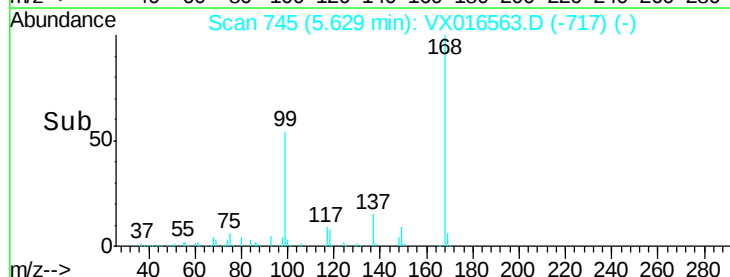
121 0.0 24.6 37.0#

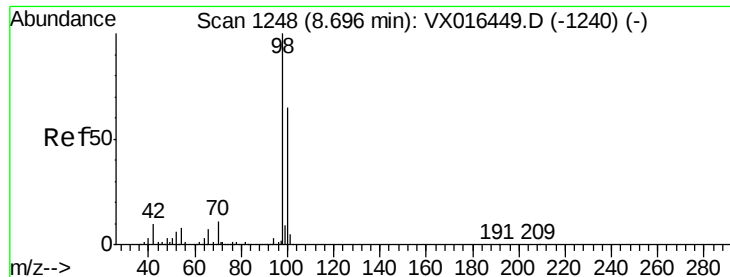


Abundance Ion 116.80 (116.50 to 117.50): VX016563.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016563.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016563.D (-717) (-)





#50

Toluene-d8

Concen: 52.419 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

Instrument :

MSVOA_X

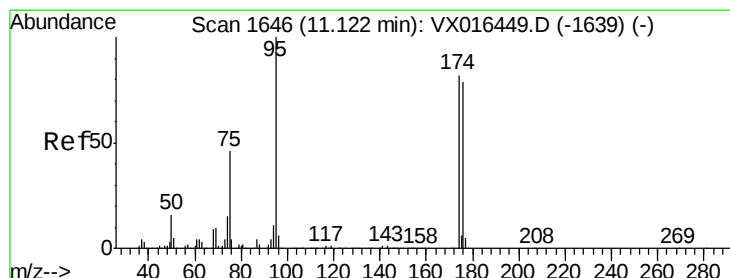
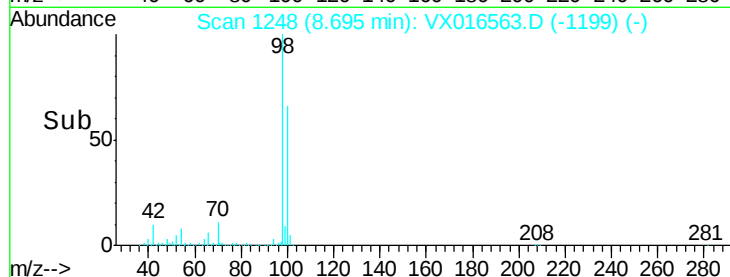
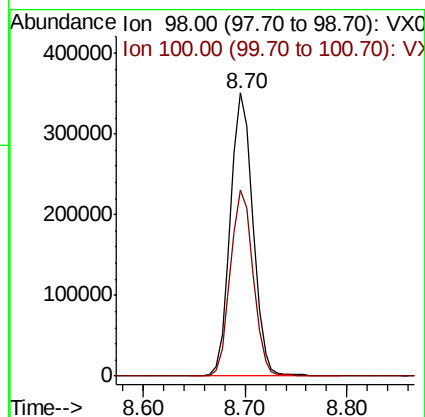
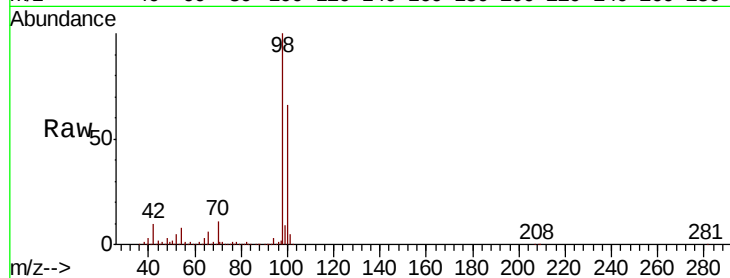
ClientSampleId :

Tot Ion: 98 Resp: 535128

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.822 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

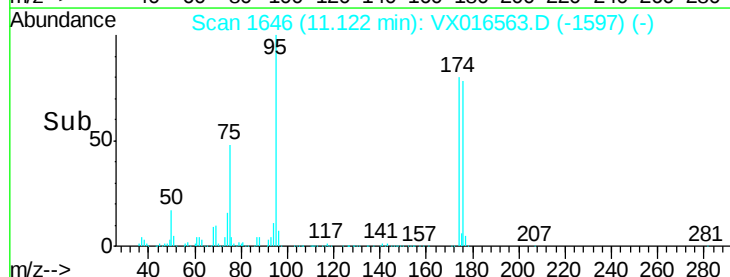
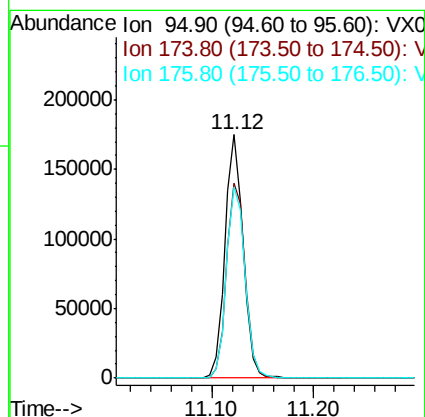
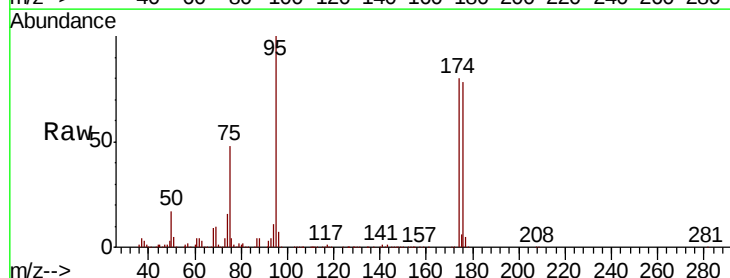
Tgt Ion: 95 Resp: 216251

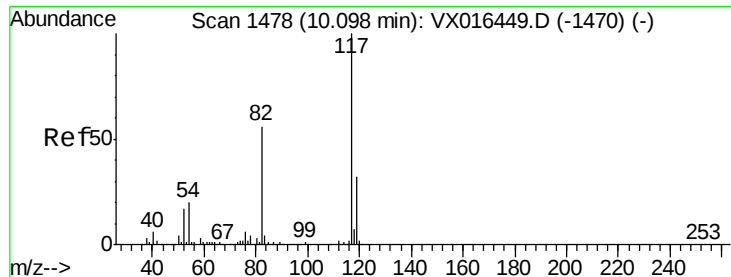
Ion Ratio Lower Upper

95 100

174 82.2 0.0 163.0

176 80.6 0.0 156.8

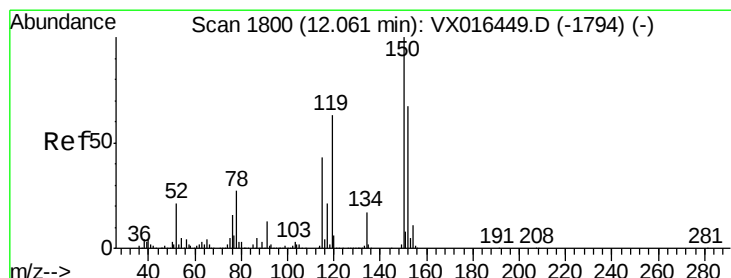
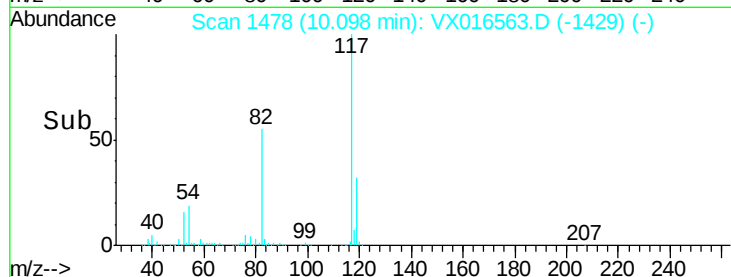
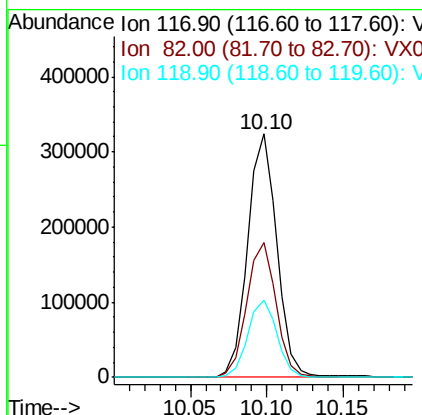
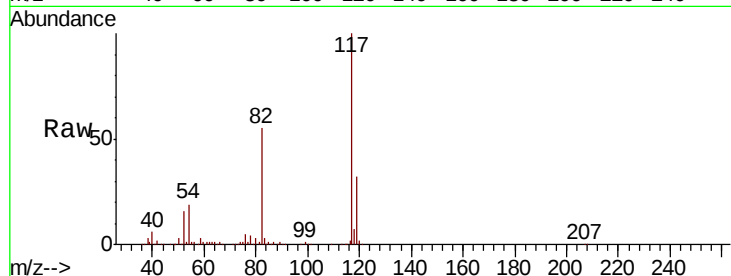




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016563.D
Acq: 03 Jun 2020 13:19

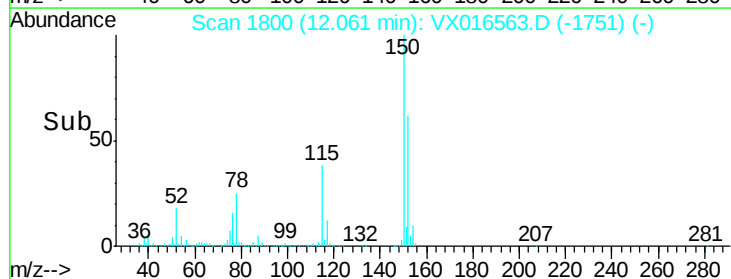
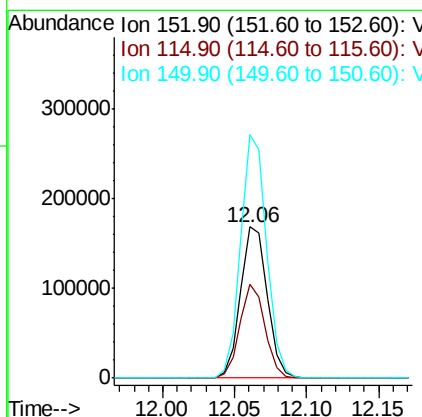
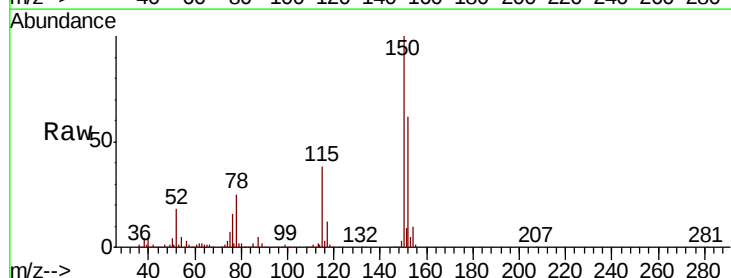
Instrument :
MSVOA_X
ClientSampleId :

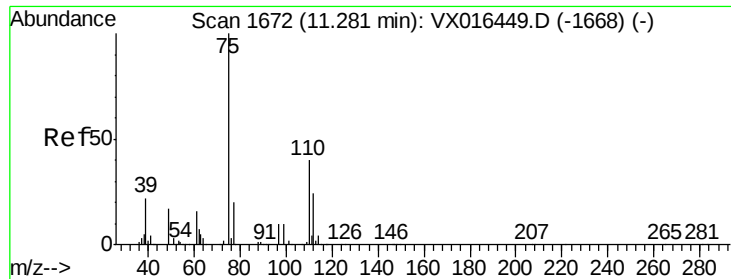
Tot Ion:117 Resp: 429168
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016563.D
Acq: 03 Jun 2020 13:19

Tgt Ion:152 Resp: 216108
Ion Ratio Lower Upper
152 100
115 58.6 39.9 119.6
150 156.7 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 21.766 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

Instrument :

MSVOA_X

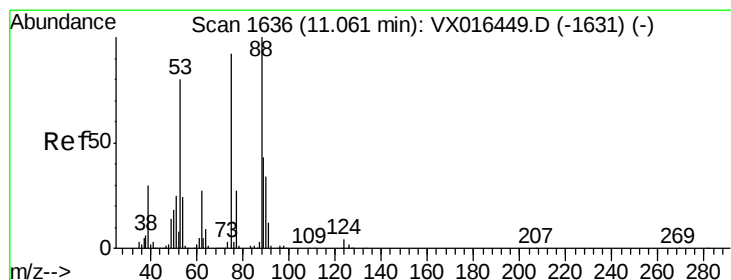
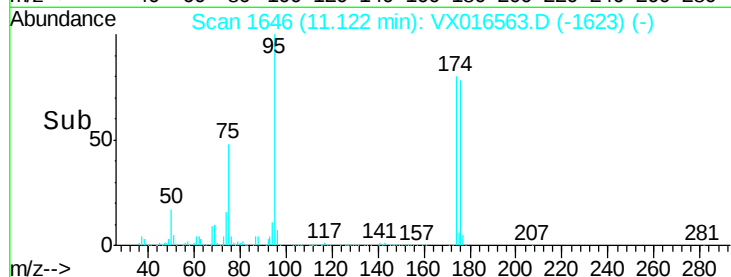
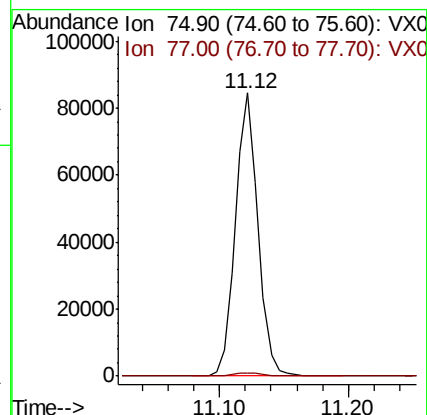
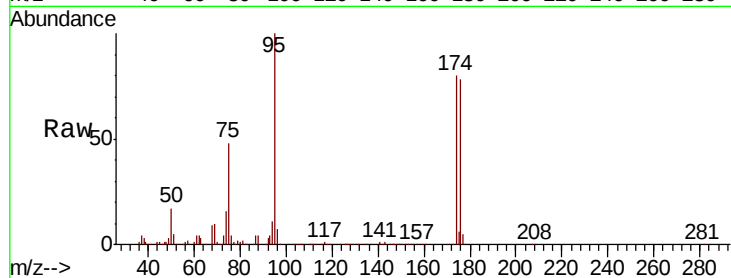
ClientSampled :

Tot Ion: 75 Resp: 103394

Ion Ratio Lower Upper

75 100

77 1.4 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.542 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016563.D

Acq: 03 Jun 2020 13:19

Tgt Ion: 75 Resp: 103394

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#

