

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009417.D
 Acq On : 09 May 2019 10:58
 Operator : JC/SP
 Sample : VX0509WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:05:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113960	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
35) Dibromofluoromethane	5.49	113	85716	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	347497	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	112697	43.36	ug/l	0.00
Spiked Amount			Recovery	=	86.72%	

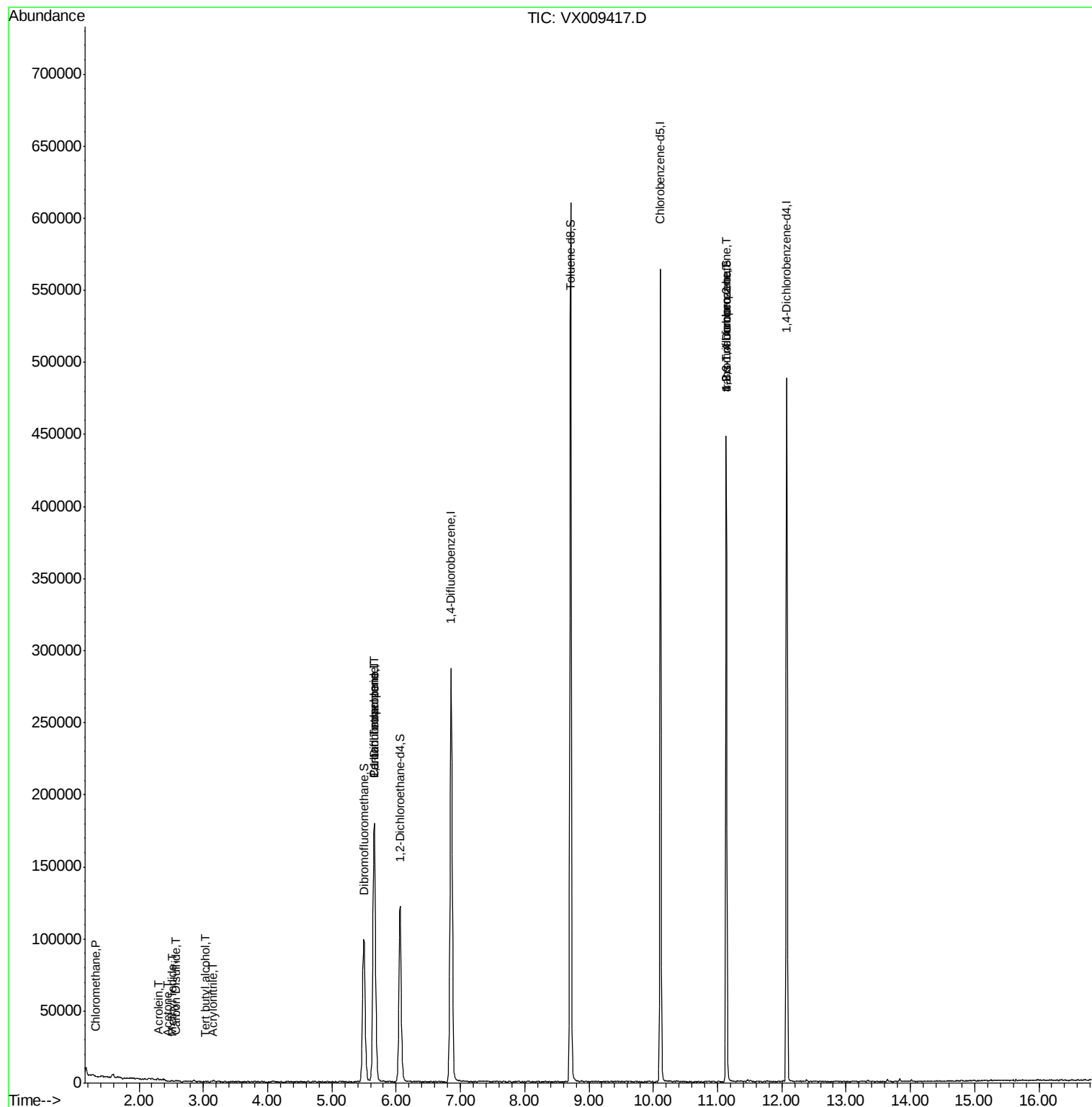
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	651	0.292	ug/l	95
10) Methyl Iodide	2.51	142	141	4.660	ug/l #	75
11) Tert butyl alcohol	3.03	59	114	0.204	ug/l #	83
13) Acrolein	2.30	56	455	0.898	ug/l #	76
15) Acrylonitrile	3.15	53	343	0.251	ug/l #	81
16) Acetone	2.45	43	672	0.518	ug/l #	87
17) Carbon Disulfide	2.57	76	941	0.202	ug/l #	83
28) Bromochloromethane	4.99	49	24	Below Cal	#	20
36) 1,1-Dichloropropene	5.66	75	13562	5.178	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16460	6.916	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	57152	23.779	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	57152	60.842	ug/l #	10

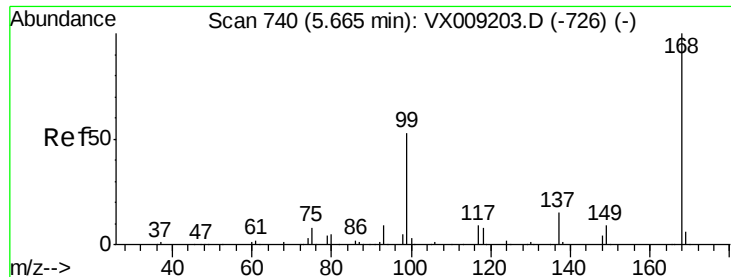
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009417.D
Acq On : 09 May 2019 10:58
Operator : JC/SP
Sample : VX0509WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 10 07:05:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

Instrument :

MSVOA_X

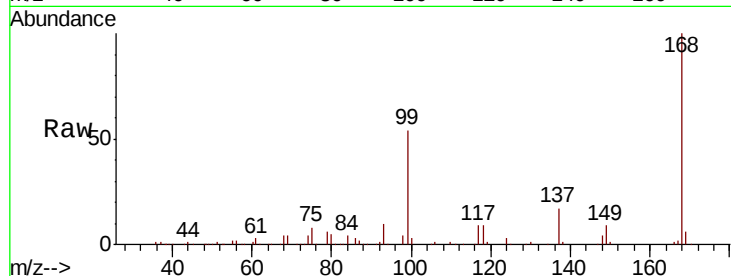
ClientSampleId :

Tot Ion:168 Resp: 177125

Ion Ratio Lower Upper

168 100

99 54.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

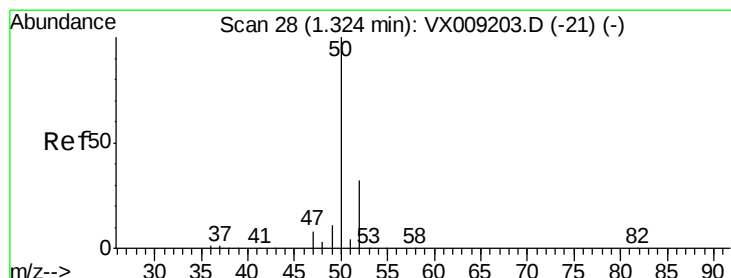
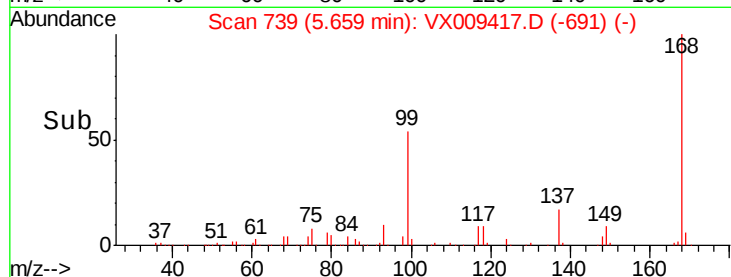
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.292 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009417.D

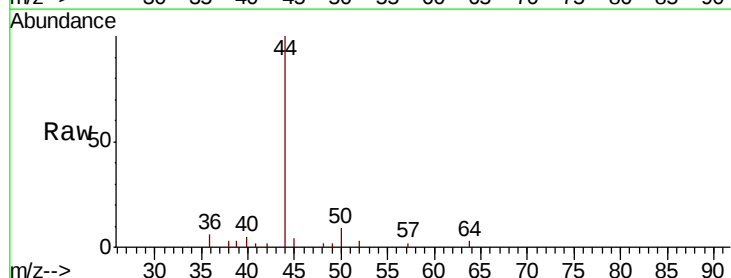
Acq: 09 May 2019 10:58

Tgt Ion: 50 Resp: 651

Ion Ratio Lower Upper

50 100

52 35.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

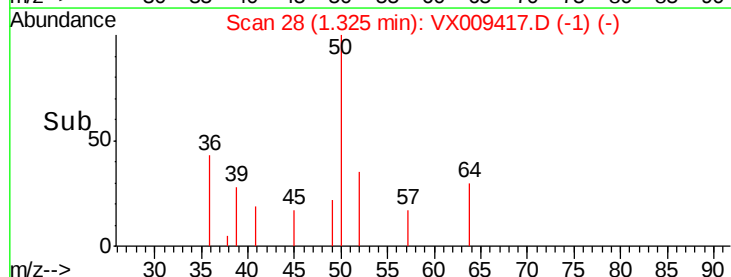
200

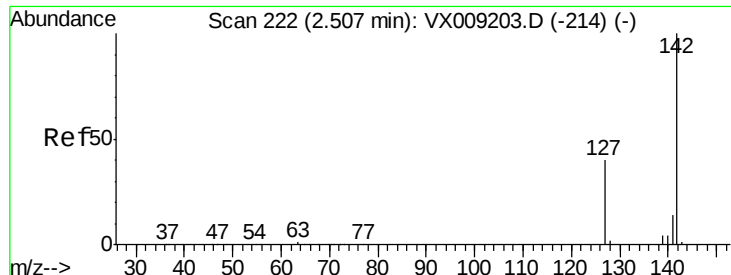
100

0

1.25 1.30 1.35 1.40

Time-->

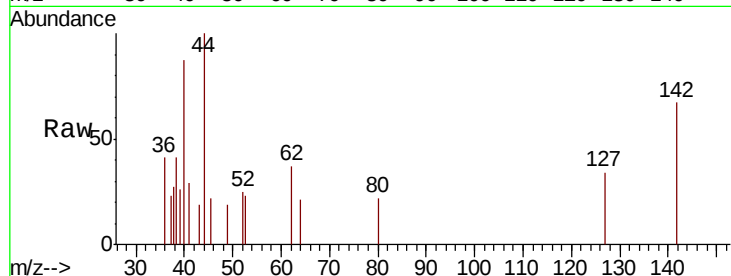




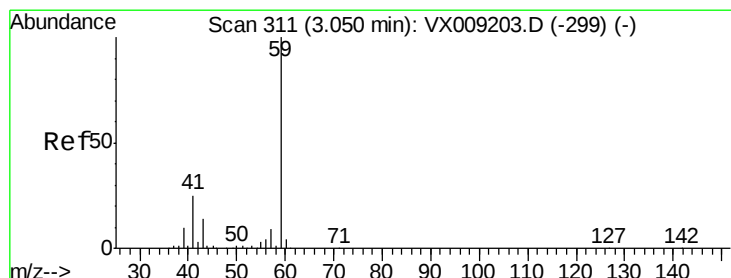
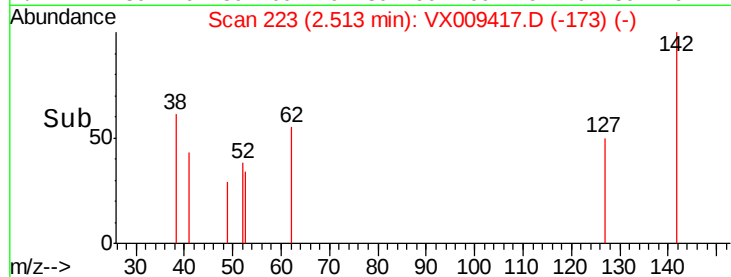
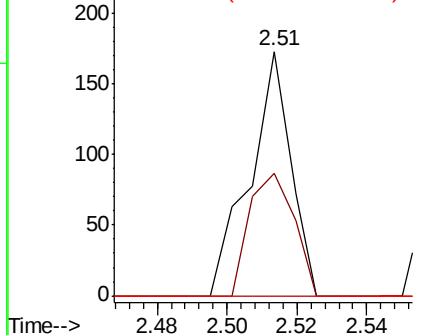
#10
Methvl Iodide
Concen: 4.660 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 141
Ion Ratio Lower Upper
142 100
127 54.6 32.7 49.1#
141 0.0 11.5 17.3#

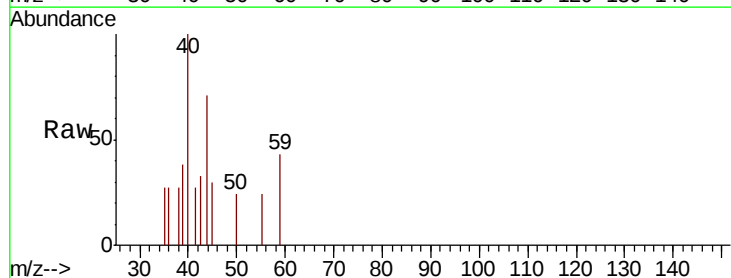


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

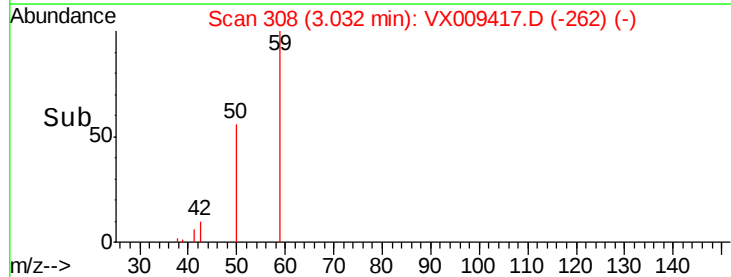
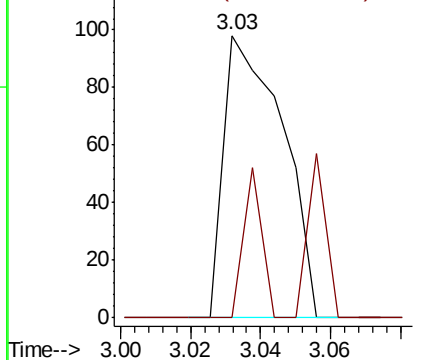


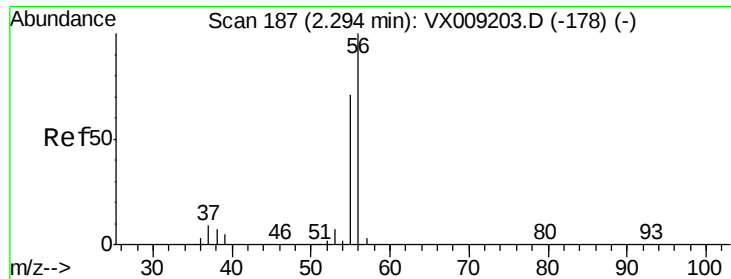
#11
Tert butyl alcohol
Concen: 0.204 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 16.7 8.2 12.2#



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





#13

Acrolein

Concen: 0.898 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

Instrument :

MSVOA_X

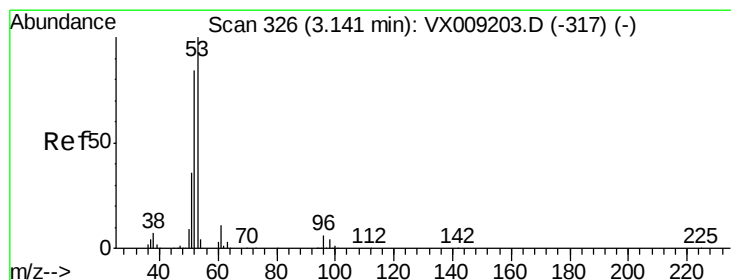
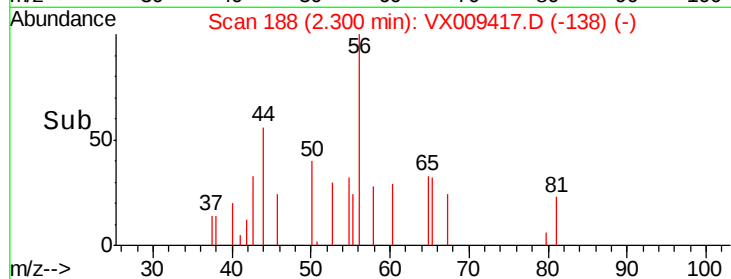
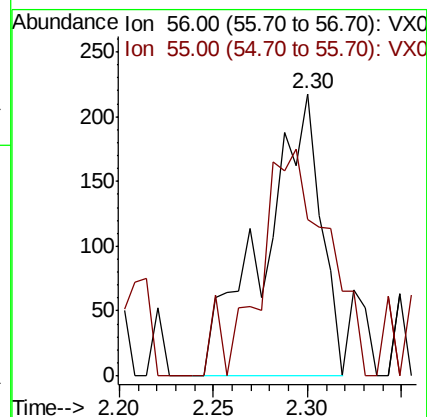
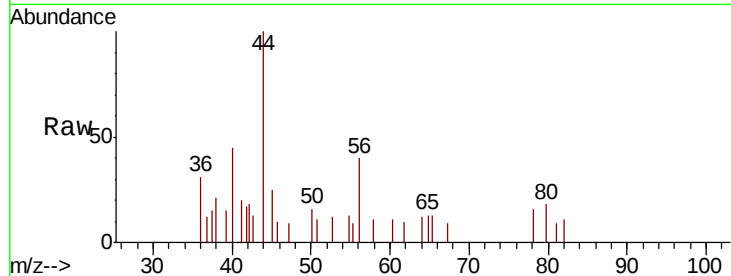
ClientSampled :

Tot Ion: 56 Resp: 455

Ion Ratio Lower Upper

56 100

55 91.0 56.6 85.0#



#15

Acrylonitrile

Concen: 0.251 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

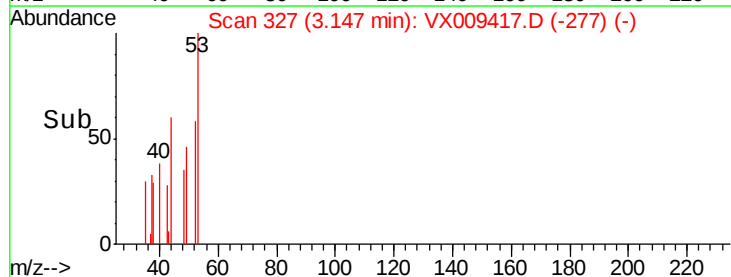
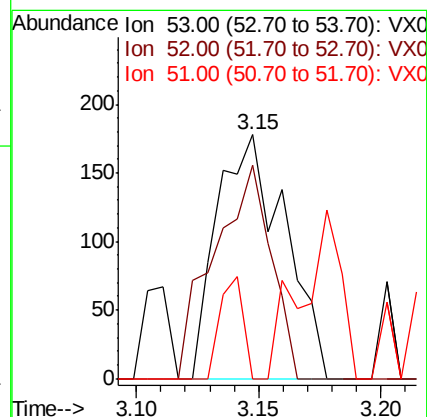
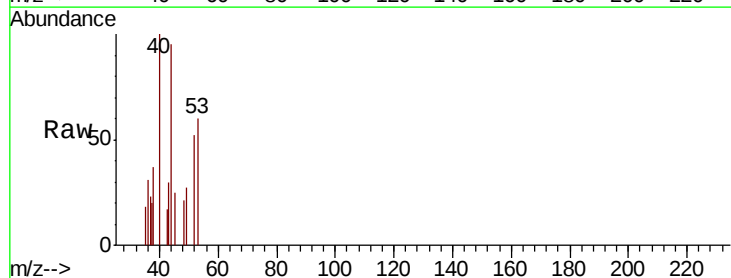
Tgt Ion: 53 Resp: 343

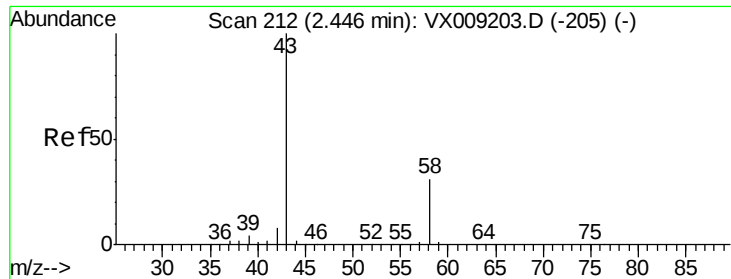
Ion Ratio Lower Upper

53 100

52 73.5 66.9 100.3

51 14.3 28.2 42.2#

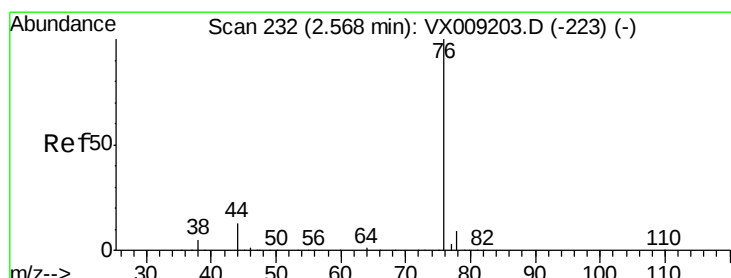
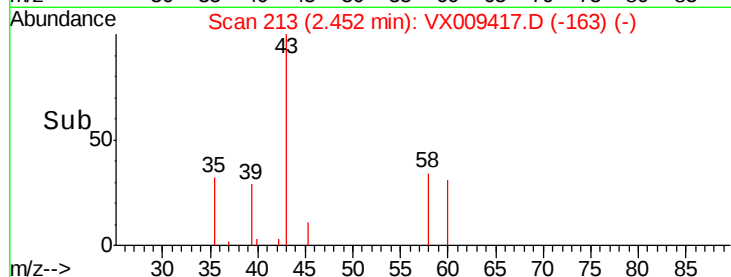
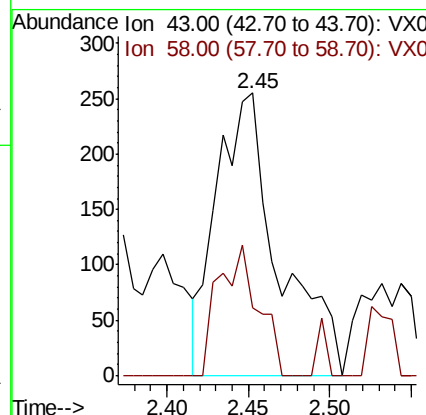
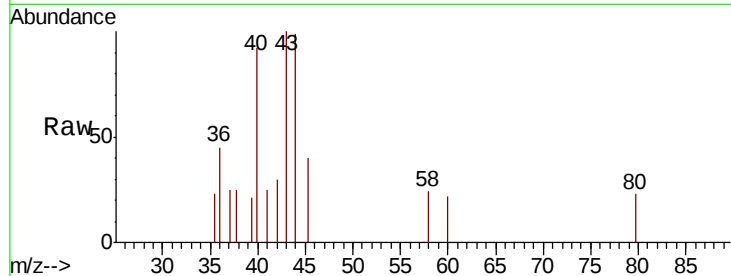




#16
Acetone
Concen: 0.518 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

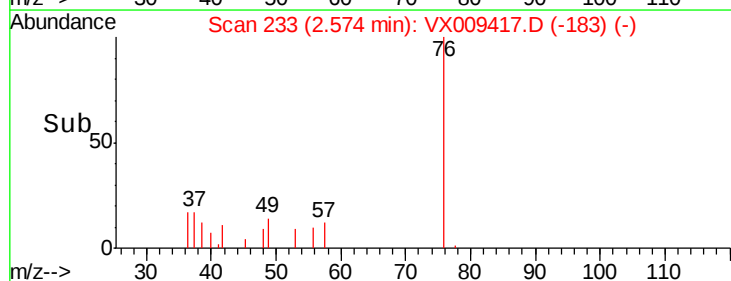
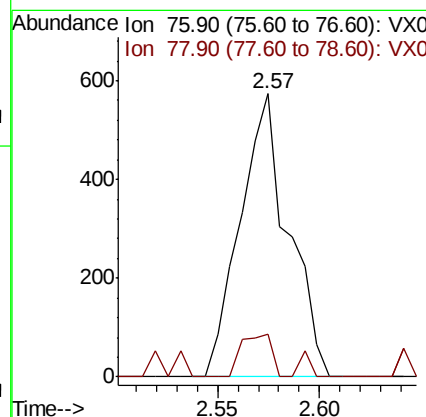
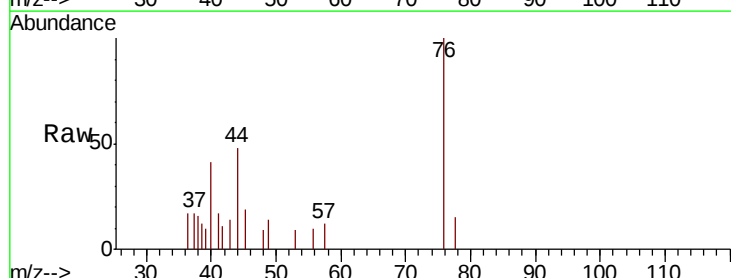
Instrument :
MSVOA_X
ClientSampled :

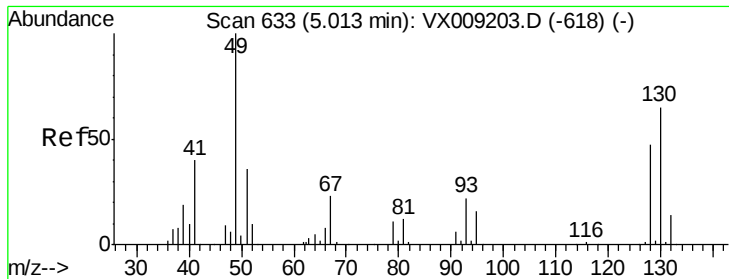
Tot Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 23.9 24.9 37.3#



#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

Tgt Ion: 76 Resp: 941
Ion Ratio Lower Upper
76 100
78 15.4 7.4 11.0#





#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 629

Delta R.T. -0.02 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

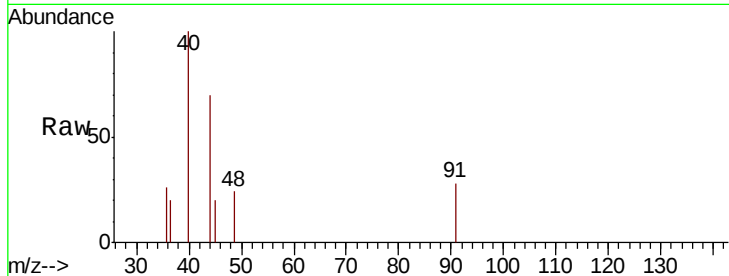
Tot Ion: 49 Resp: 24

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

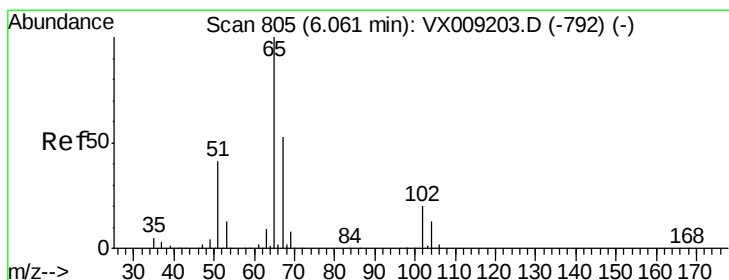
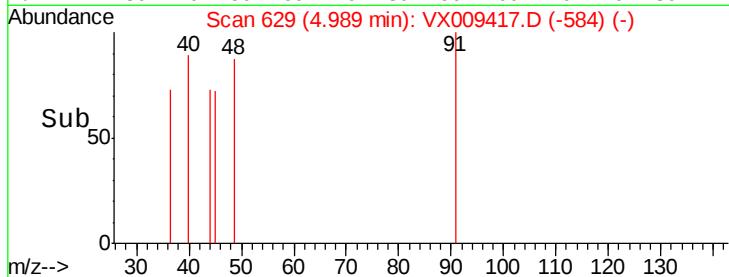
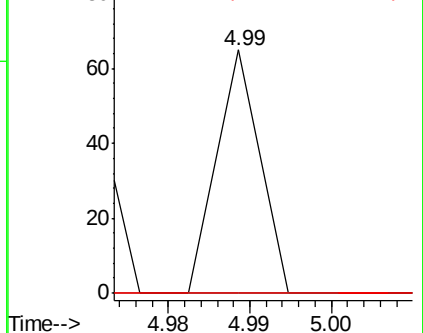
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 47.131 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009417.D

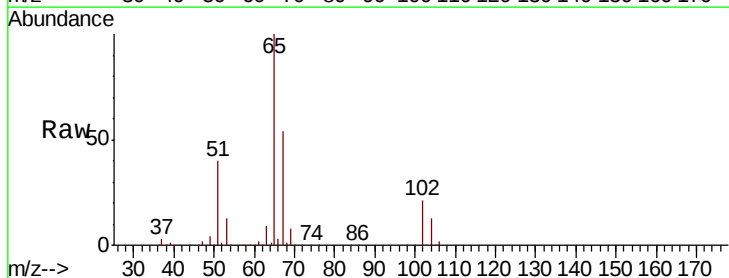
Acq: 09 May 2019 10:58

Tgt Ion: 65 Resp: 113960

Ion Ratio Lower Upper

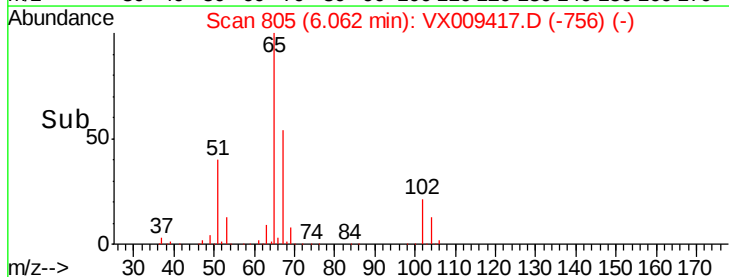
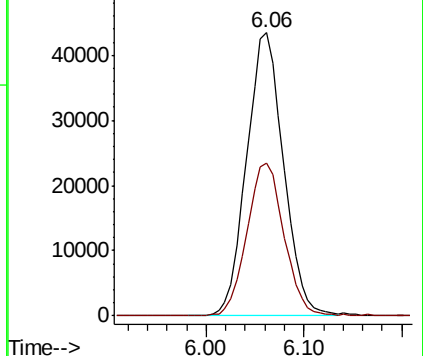
65 100

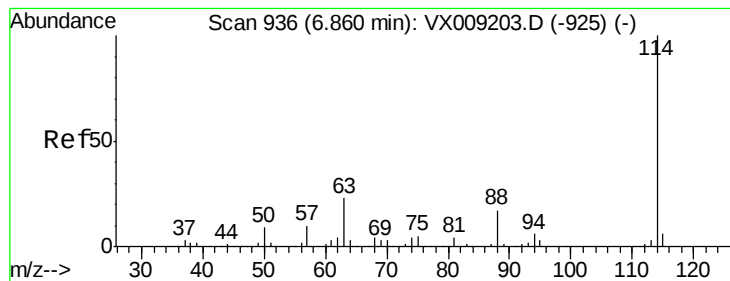
67 54.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

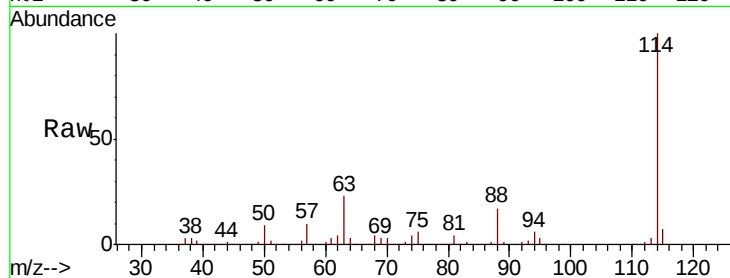
Tot Ion:114 Resp: 281862

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

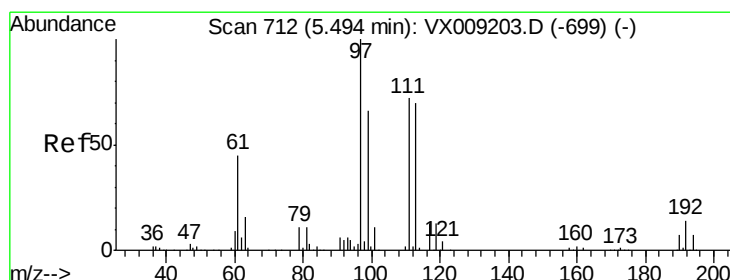
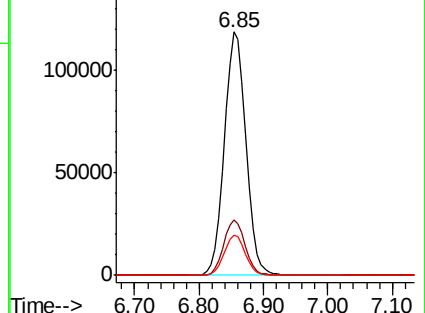
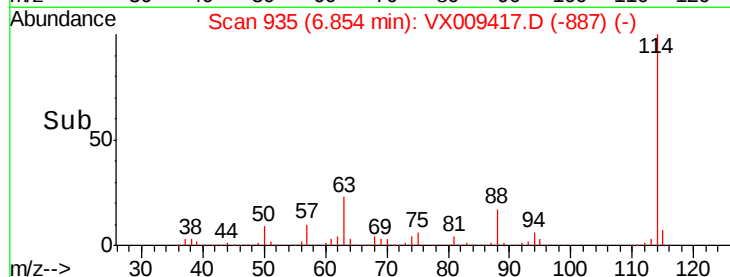
88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.375 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

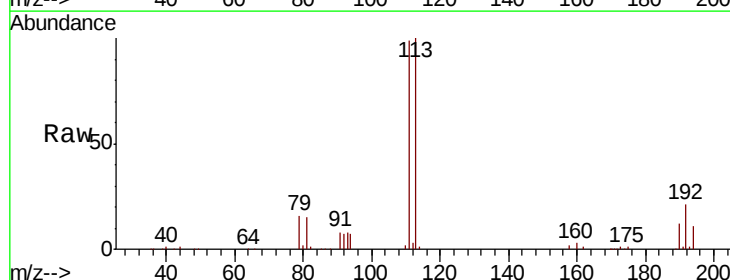
Tgt Ion:113 Resp: 85716

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

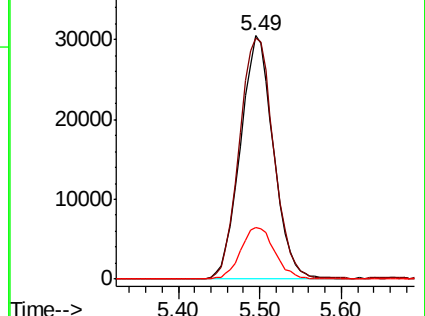
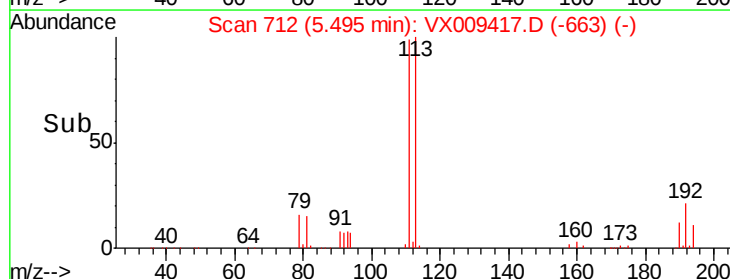
192 22.0 17.0 25.6

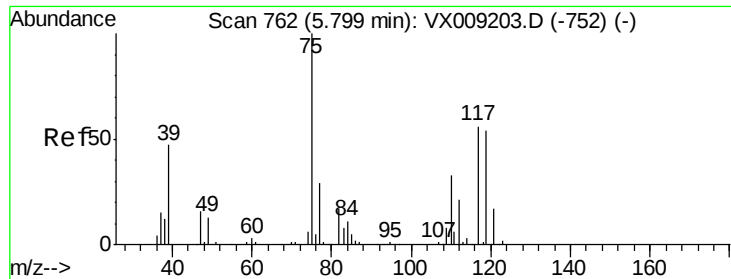


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.178 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

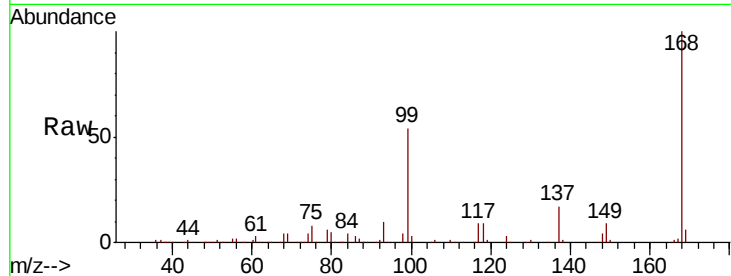
Tot Ion: 75 Resp: 13562

Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.6#

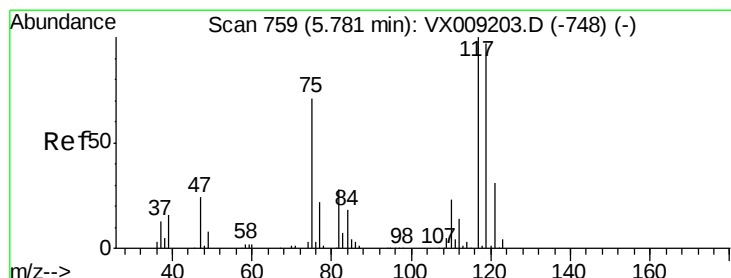
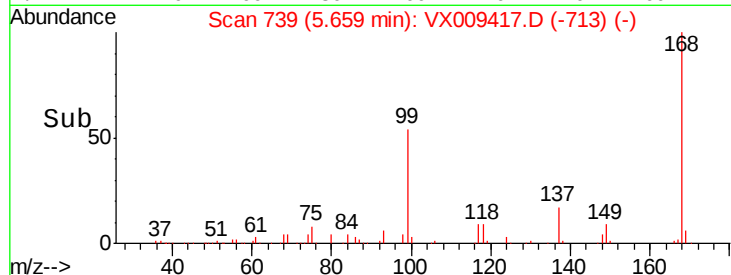
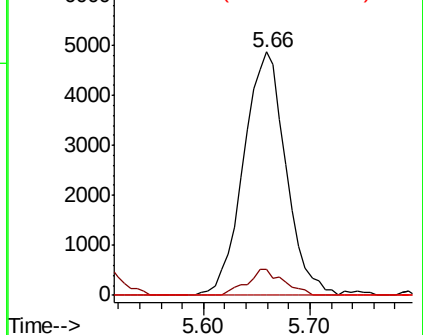
77 0.0 24.8 37.2#



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: 6.916 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

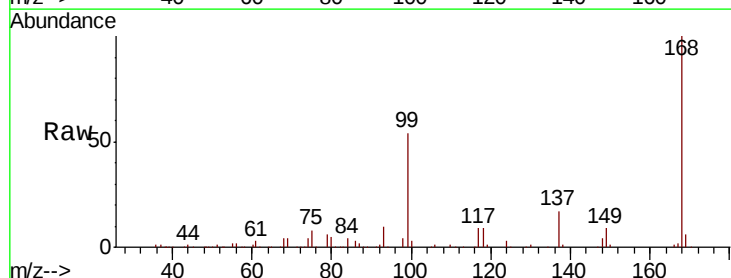
Tgt Ion: 117 Resp: 16460

Ion Ratio Lower Upper

117 100

119 5.6 77.5 116.3#

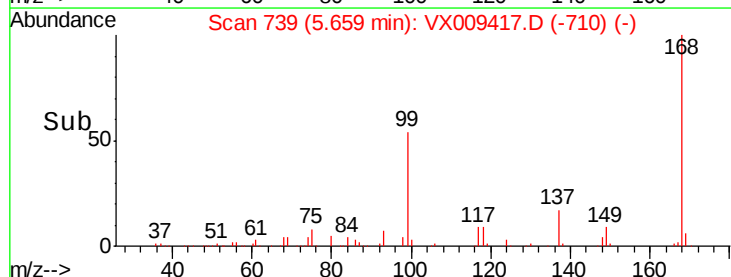
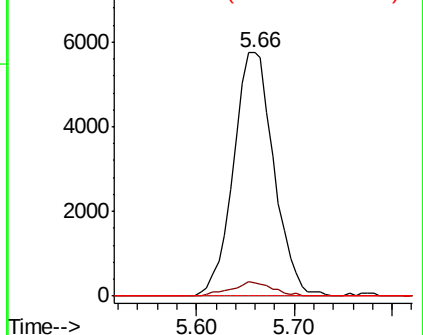
121 0.0 24.7 37.1#

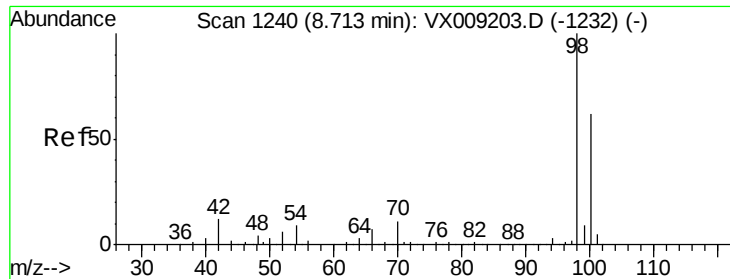


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

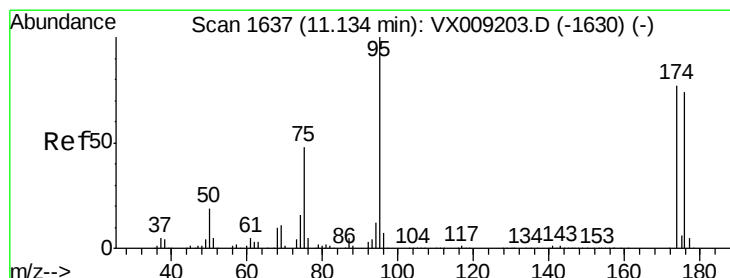
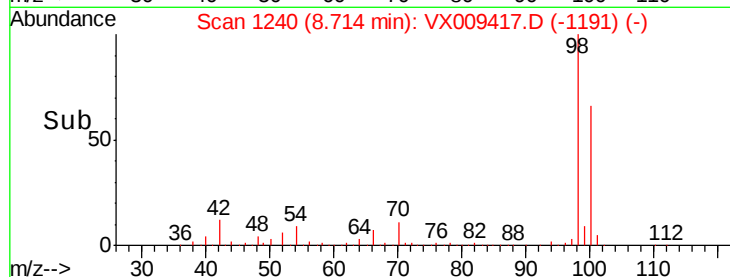
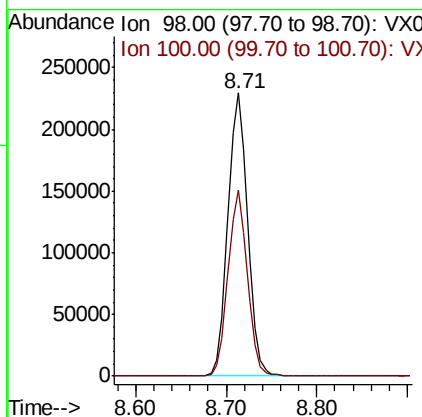
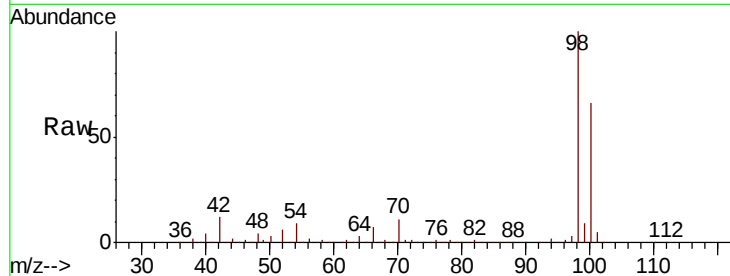




#50
Toluene-d8
Concen: 48.577 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

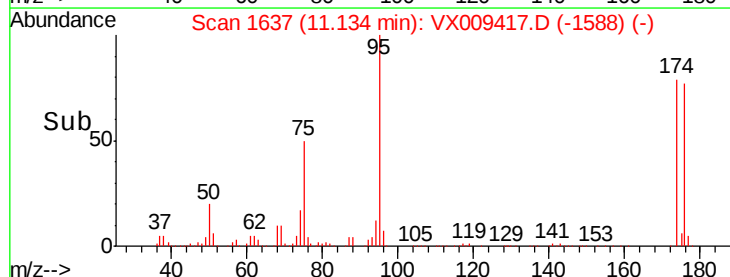
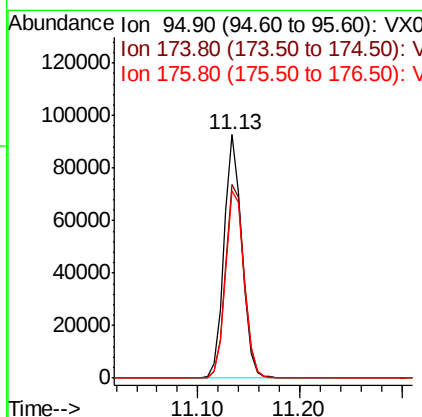
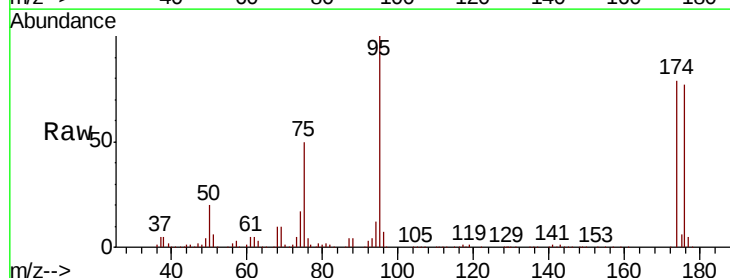
Instrument :
MSVOA_X
ClientSampled :

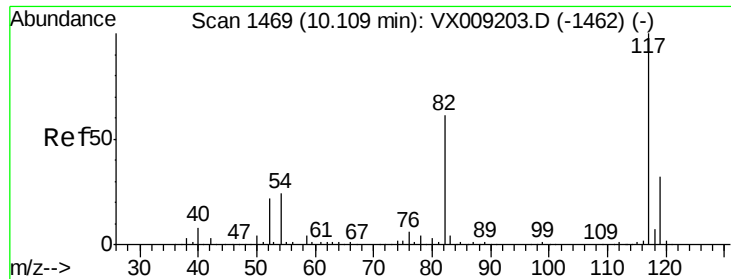
Tot Ion: 98 Resp: 347497
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.356 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

Tgt Ion: 95 Resp: 112697
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.6
176 80.4 0.0 159.2

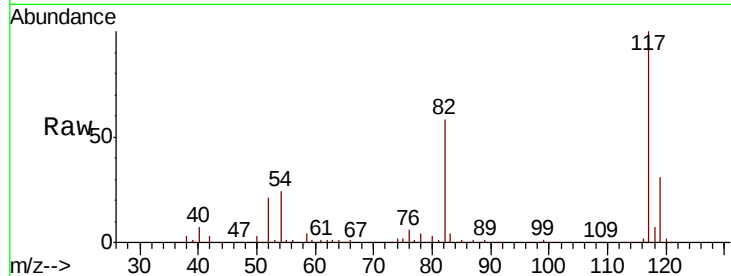




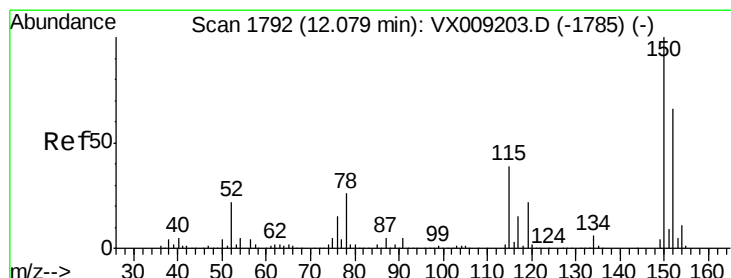
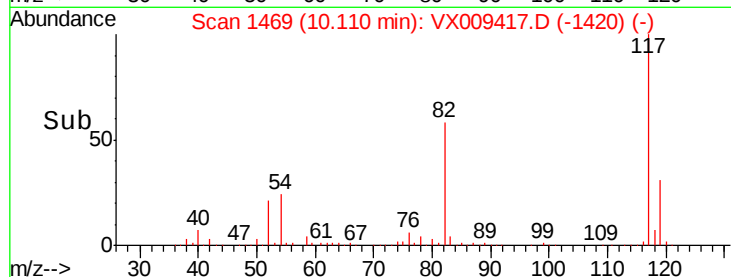
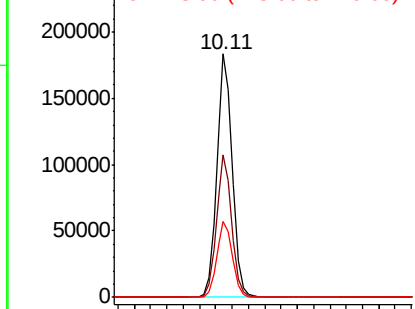
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 244274
Ion Ratio Lower Upper
117 100
82 58.4 48.8 73.2
119 31.3 25.8 38.6

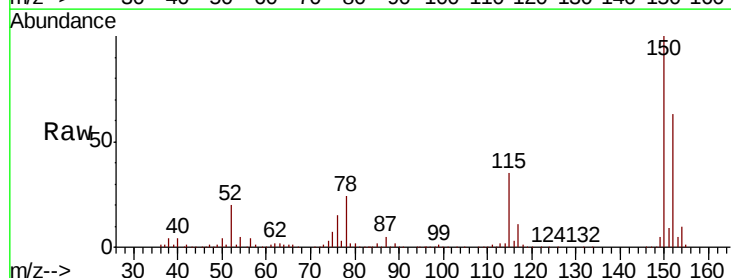


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

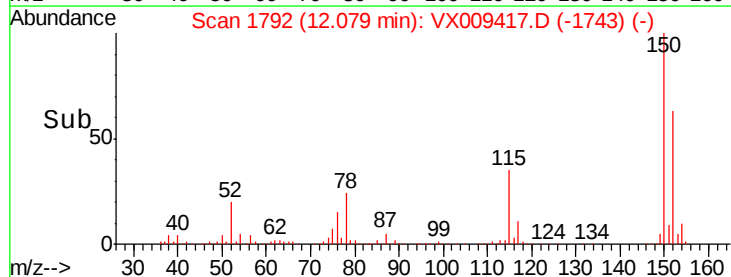
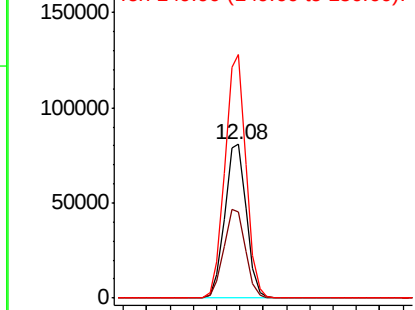


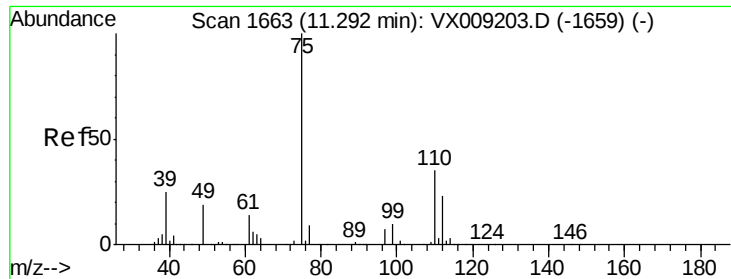
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009417.D
Acq: 09 May 2019 10:58

Tgt Ion:152 Resp: 103613
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 155.0 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 23.779 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

Instrument :

MSVOA_X

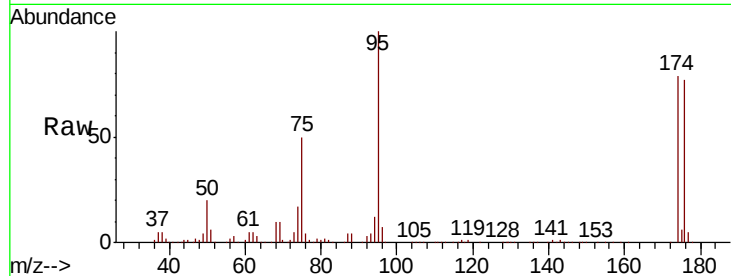
ClientSampleId :

Tot Ion: 75 Resp: 57152

Ion Ratio Lower Upper

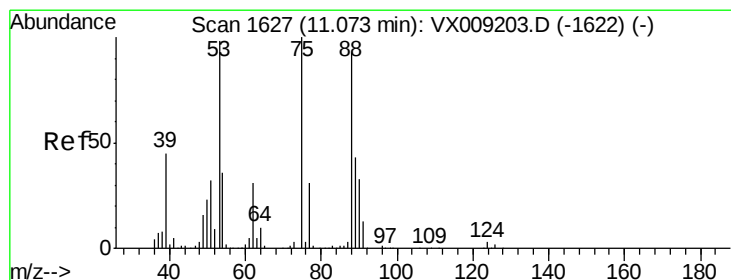
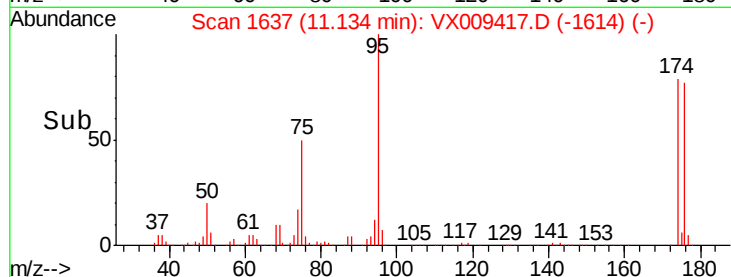
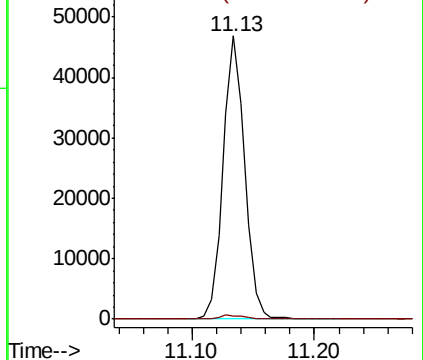
75 100

77 1.7 22.1 66.1#



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: 60.842 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009417.D

Acq: 09 May 2019 10:58

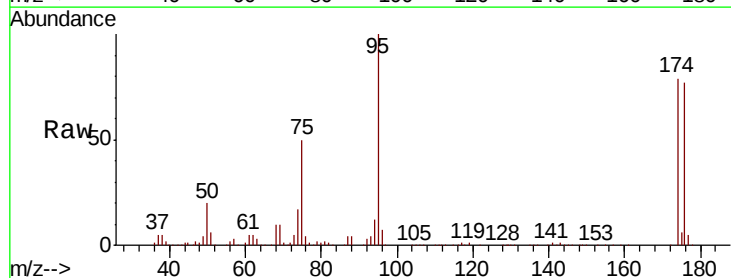
Tgt Ion: 75 Resp: 57152

Ion Ratio Lower Upper

75 100

53 0.0 79.0 118.6#

89 0.1 34.7 52.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

