

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004583.D
 Acq On : 15 Sep 2018 14:40
 Operator : JC/MD
 Sample : J4925-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0244

Quant Time: Sep 17 08:37:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147915	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
35) Dibromofluoromethane	5.50	113	143517	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
50) Toluene-d8	8.72	98	485057	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.14	95	171881	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

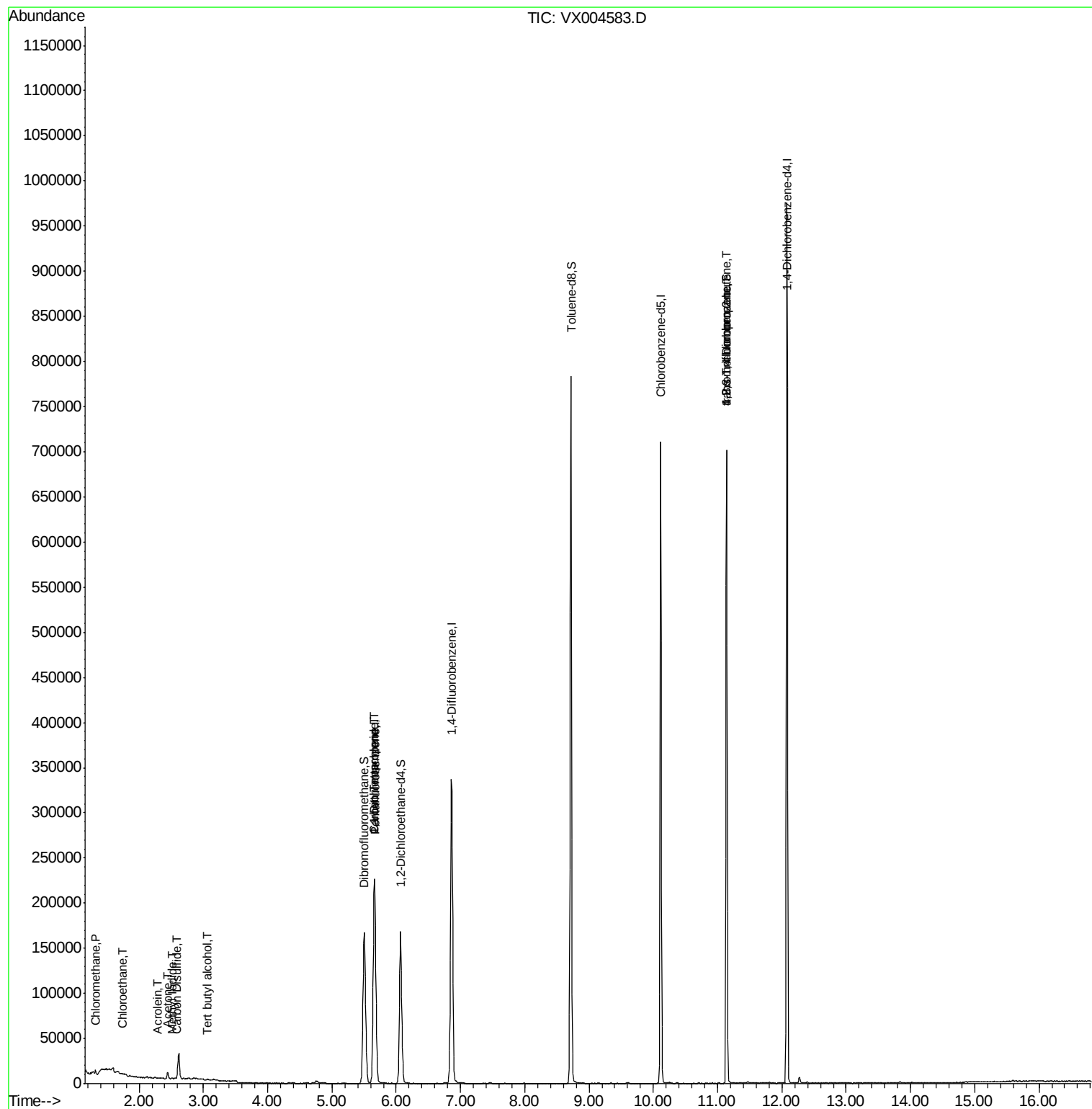
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2922	0.93	ug/l	96
5) Bromomethane	1.65	94	968	Below Cal		88
6) Chloroethane	1.74	64	506	0.24	ug/l #	52
10) Methyl Iodide	2.53	142	616	4.43	ug/l #	91
11) Tert butyl alcohol	3.06	59	482	0.64	ug/l #	72
13) Acrolein	2.29	56	136	0.46	ug/l #	1
16) Acetone	2.44	43	7199	4.69	ug/l	91
17) Carbon Disulfide	2.57	76	1629	0.22	ug/l #	93
36) 1,1-Dichloropropene	5.66	75	15641	3.78	ug/l #	50
38) Carbon Tetrachloride	5.67	117	21296	5.27	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	80980	19.55	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	80980	62.33	ug/l #	10

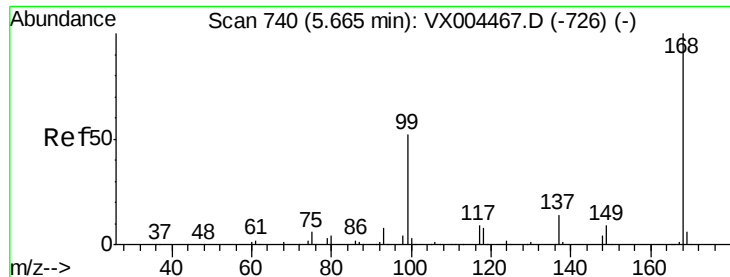
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091518\
Data File : VX004583.D
Acq On : 15 Sep 2018 14:40
Operator : JC/MD
Sample : J4925-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0244

Quant Time: Sep 17 08:37:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

Instrument :

MSVOA_X

ClientSampleId :

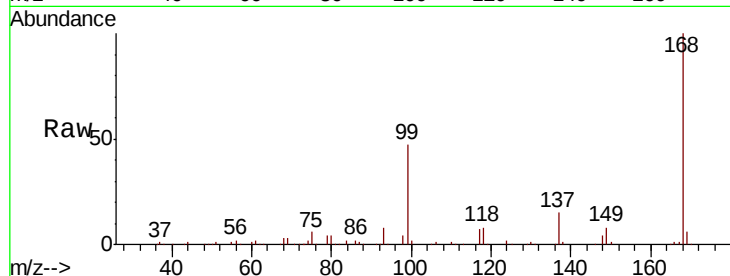
S13-0244

Tot Ion:168 Resp: 244141

Ion Ratio Lower Upper

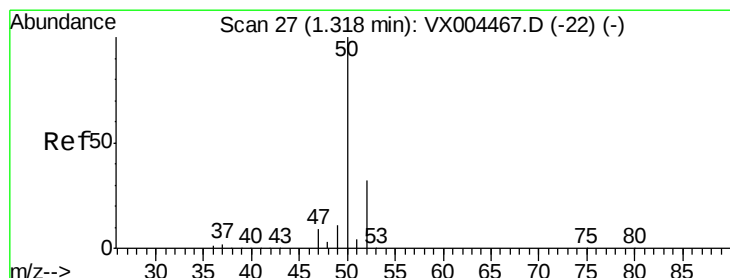
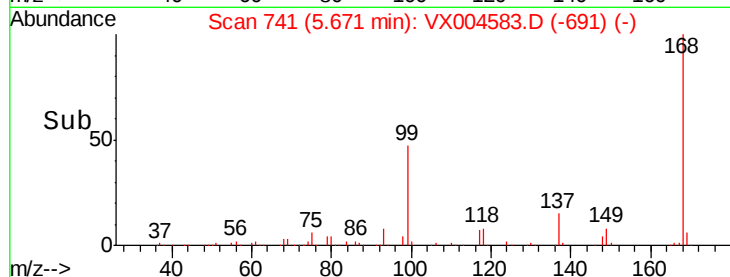
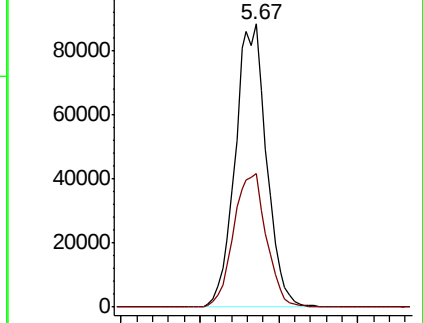
168 100

99 47.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.93 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004583.D

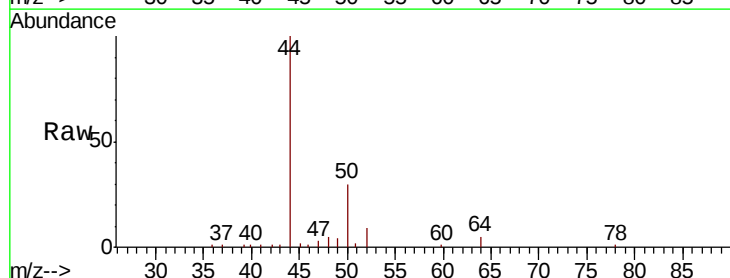
Acq: 15 Sep 2018 14:40

Tgt Ion: 50 Resp: 2922

Ion Ratio Lower Upper

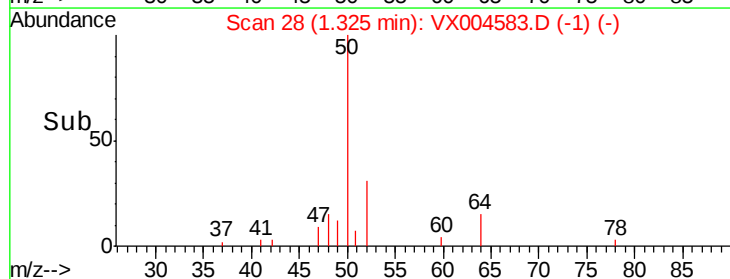
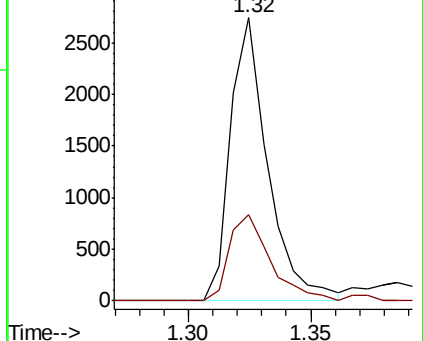
50 100

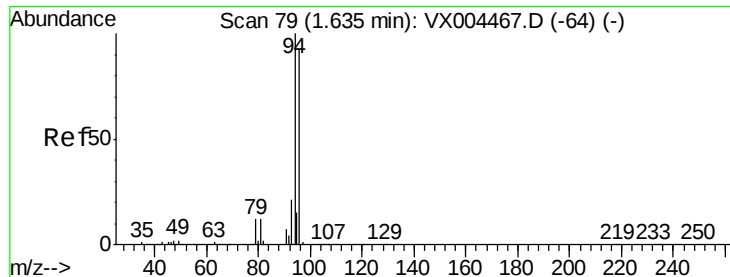
52 30.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

Instrument :

MSVOA_X

ClientSampleId :

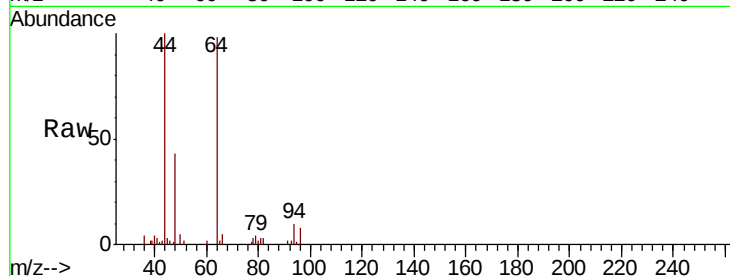
S13-0244

Tot Ion: 94 Resp: 968

Ion Ratio Lower Upper

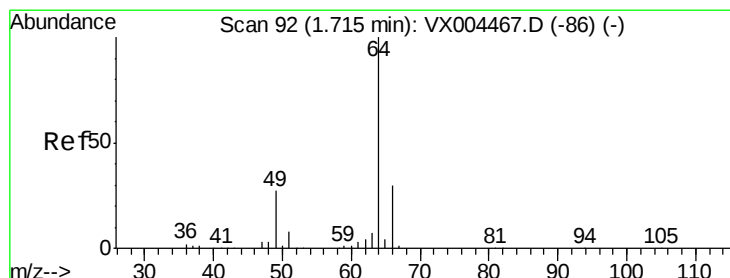
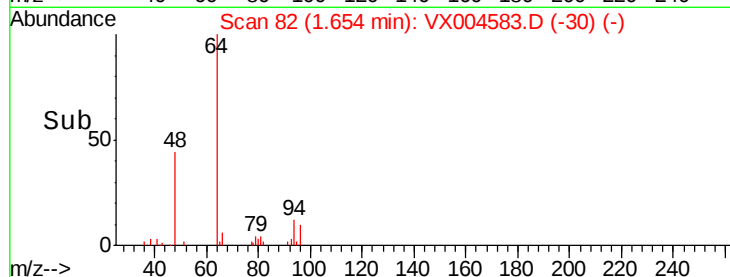
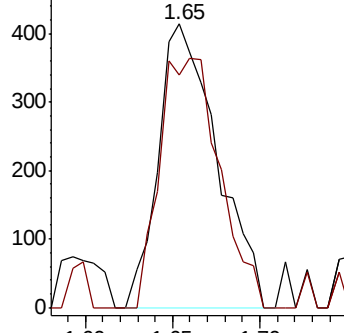
94 100

96 81.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.03 min

Lab File: VX004583.D

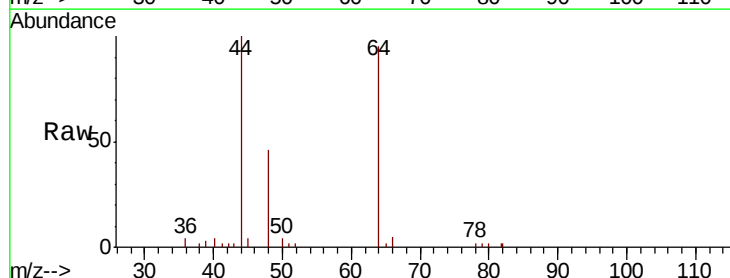
Acq: 15 Sep 2018 14:40

Tgt Ion: 64 Resp: 506

Ion Ratio Lower Upper

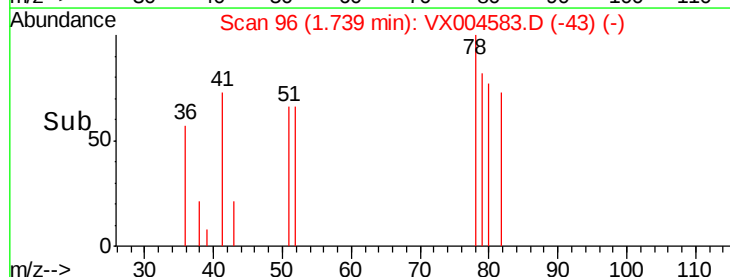
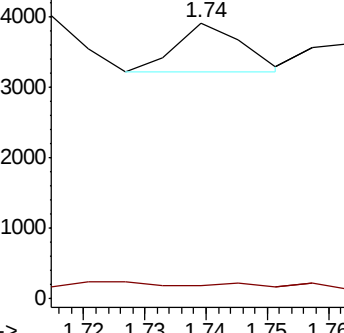
64 100

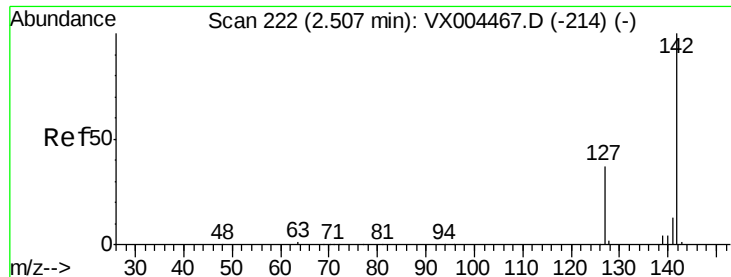
66 4.4 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

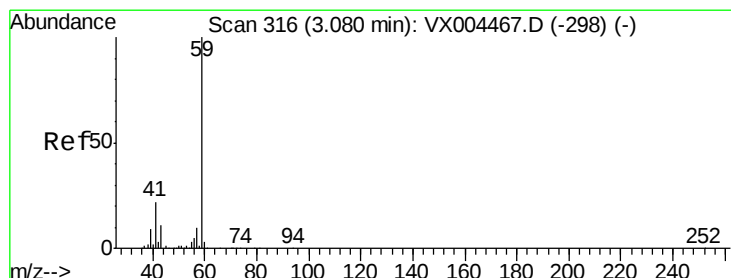
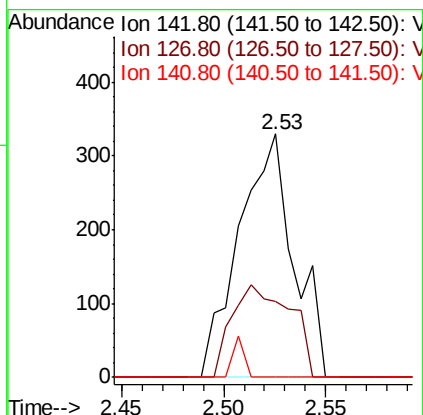
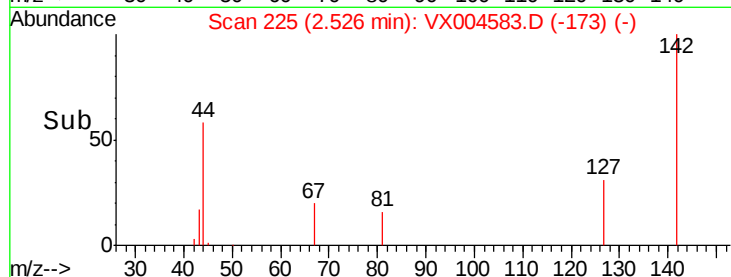
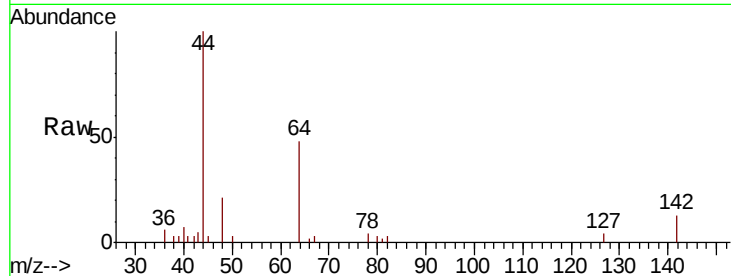




#10
Methyl Iodide
Concen: 4.43 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

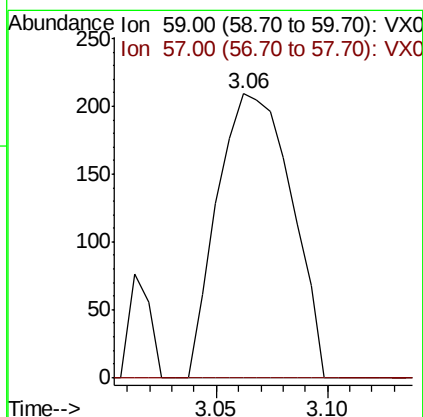
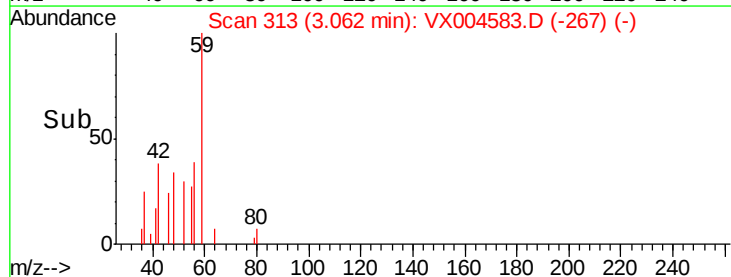
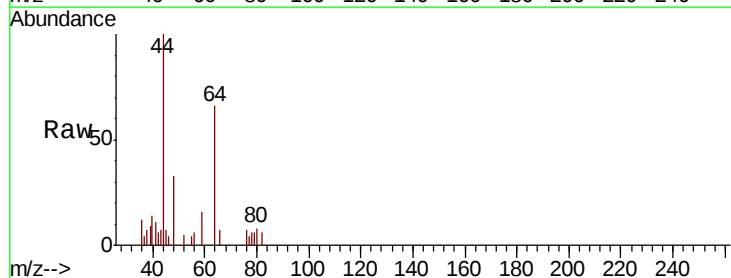
Instrument :
MSVOA_X
ClientSampled :
S13-0244

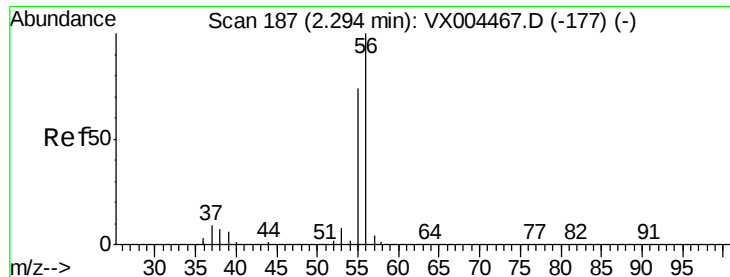
Tot Ion:142 Resp: 616
Ion Ratio Lower Upper
142 100
127 40.4 33.8 50.6
141 3.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.64 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.46 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

Instrument :

MSVOA_X

ClientSampled :

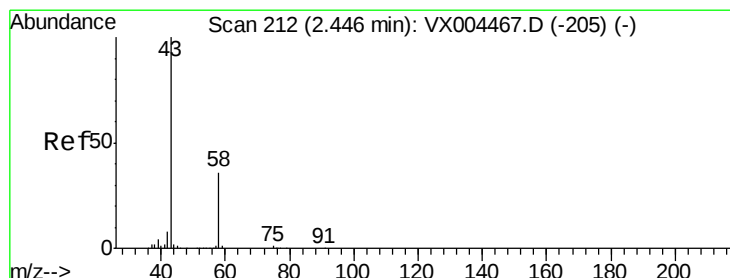
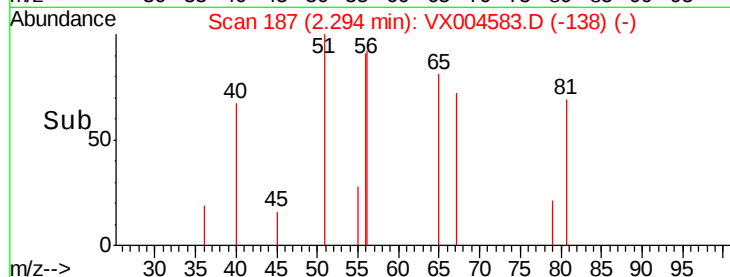
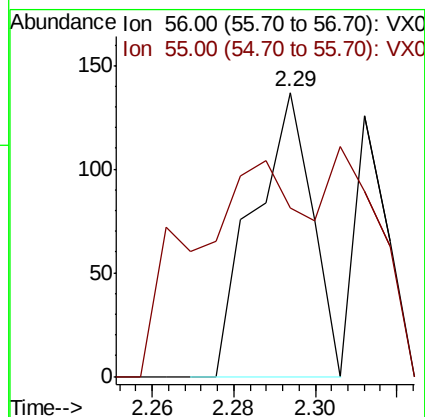
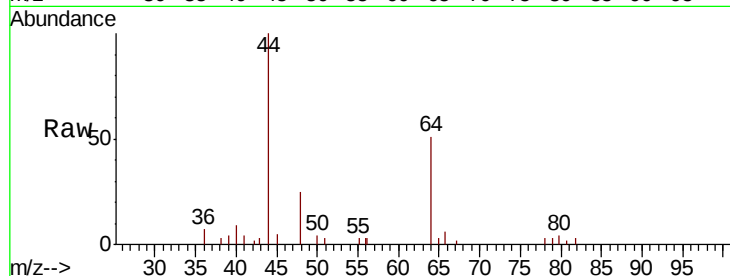
S13-0244

Tot Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 149.3 54.7 82.1#



#16

Acetone

Concen: 4.69 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004583.D

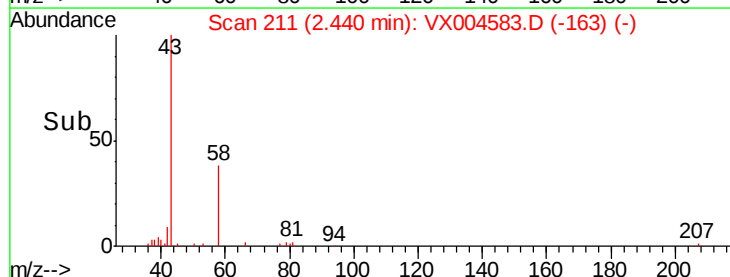
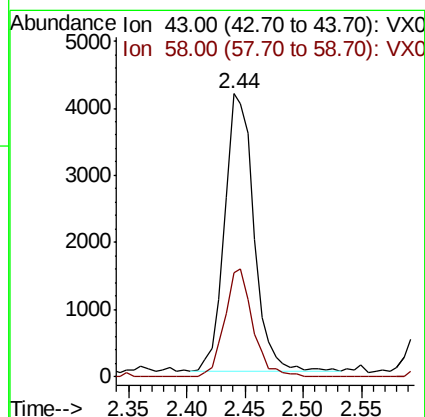
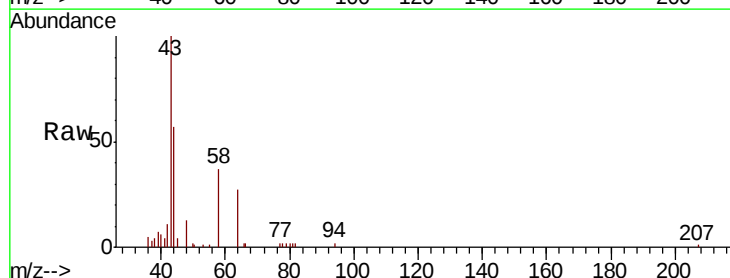
Acq: 15 Sep 2018 14:40

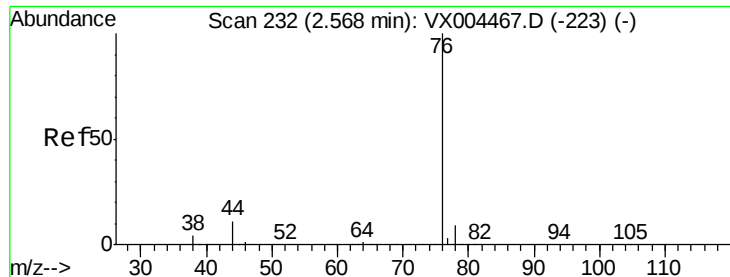
Tgt Ion: 43 Resp: 7199

Ion Ratio Lower Upper

43 100

58 37.6 26.2 39.4

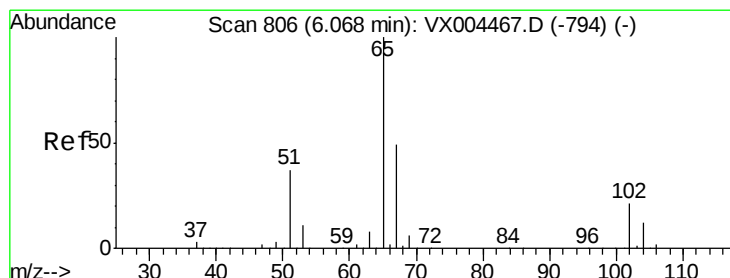
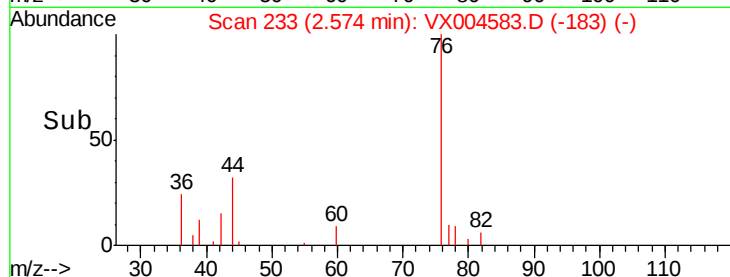
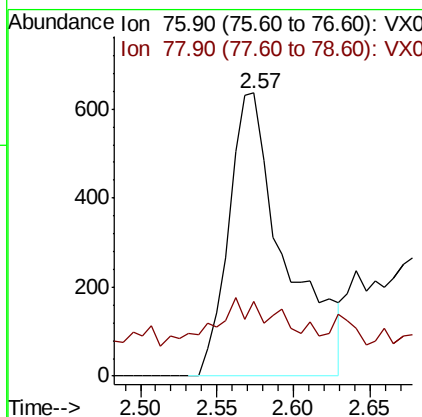
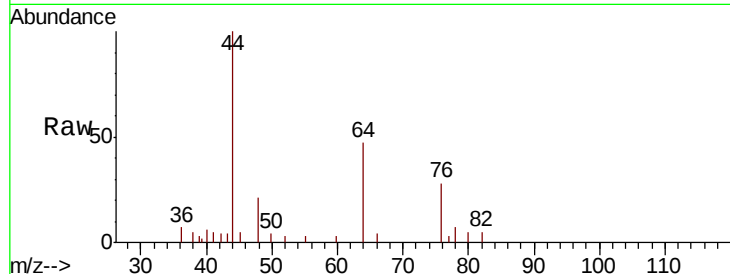




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

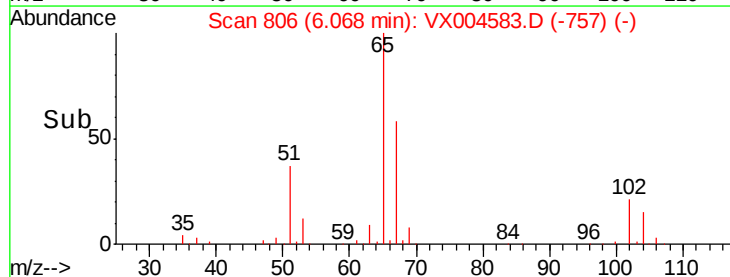
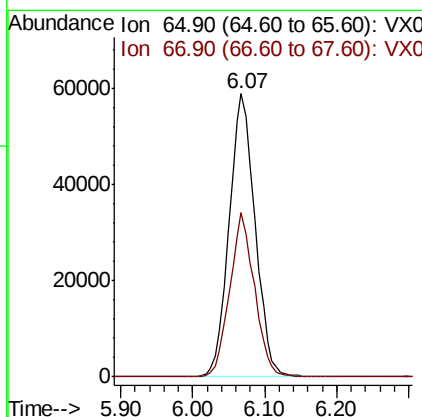
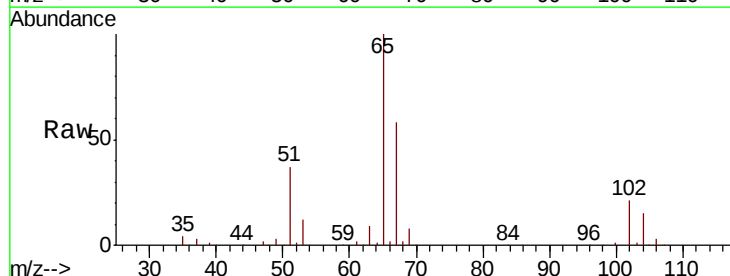
Instrument :
MSVOA_X
ClientSampleId :
S13-0244

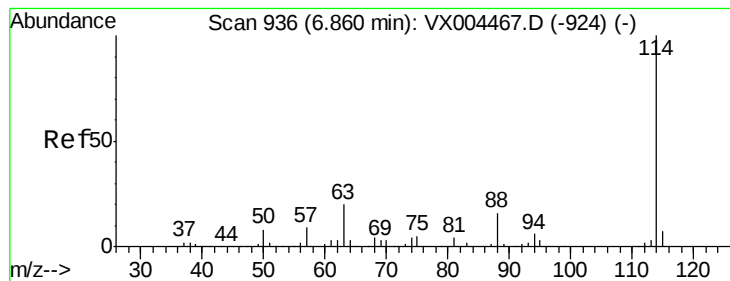
Tot Ion: 76 Resp: 1629
Ion Ratio Lower Upper
76 100
78 11.2 7.0 10.6#



#33
1,2-Dichloroethane-d4
Concen: 46.99 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

Tgt Ion: 65 Resp: 147915
Ion Ratio Lower Upper
65 100
67 55.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

Instrument :

MSVOA_X

ClientSampleId :

S13-0244

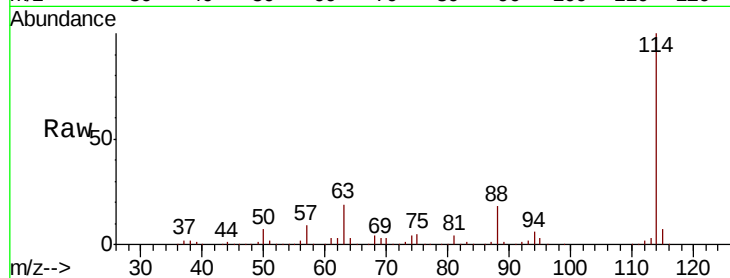
Tot Ion:114 Resp: 341027

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

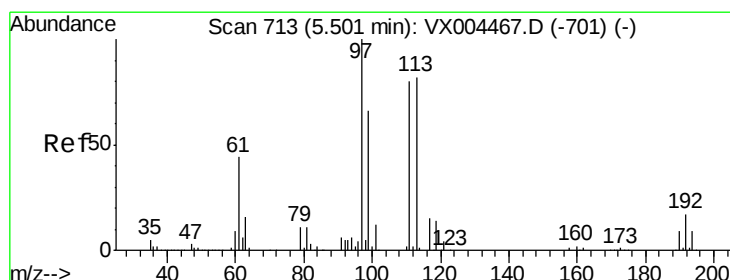
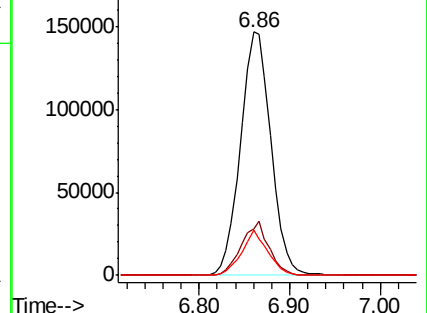
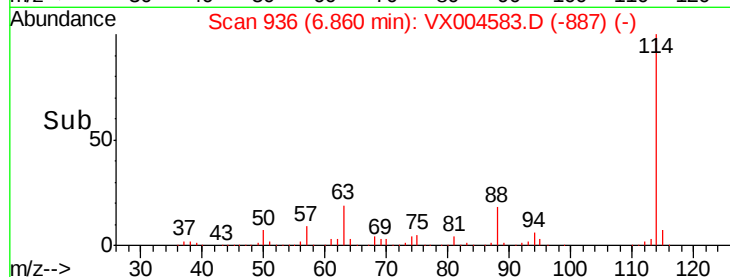
88 18.5 0.0 30.4



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: 45.99 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

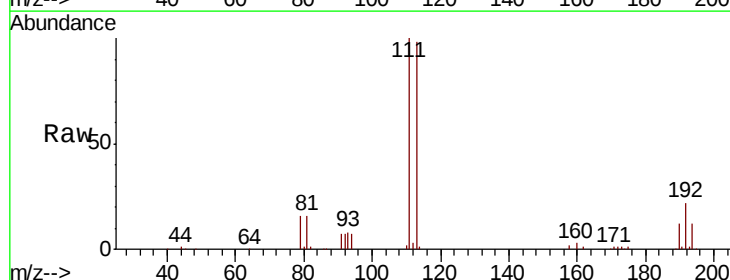
Tgt Ion:113 Resp: 143517

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

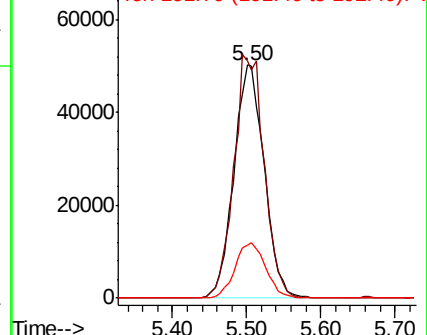
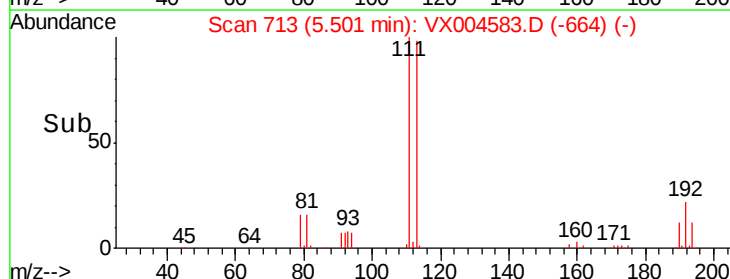
192 24.1 19.4 29.2

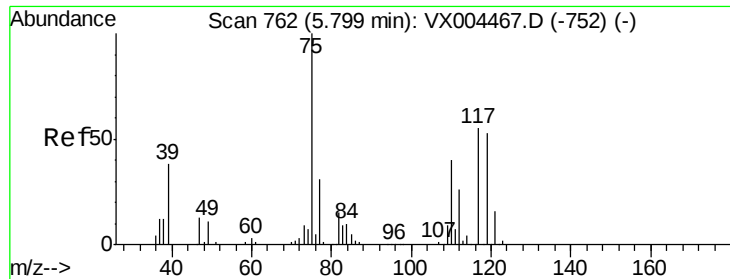


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.78 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

Instrument :

MSVOA_X

ClientSampled :

S13-0244

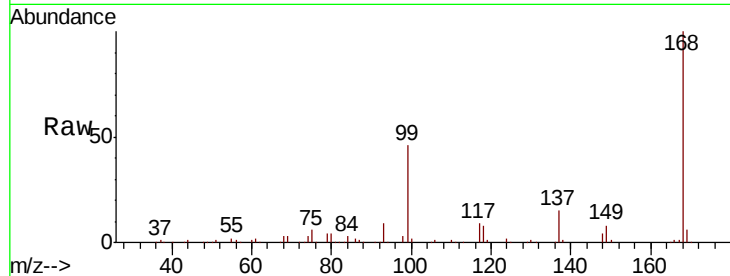
Tot Ion: 75 Resp: 15641

Ion Ratio Lower Upper

75 100

110 9.2 18.0 54.0#

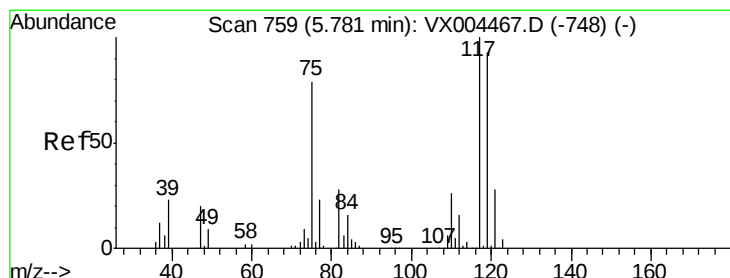
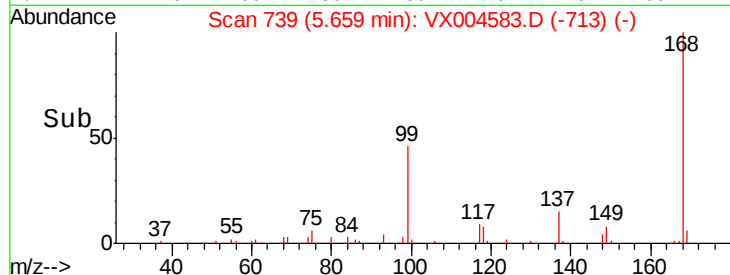
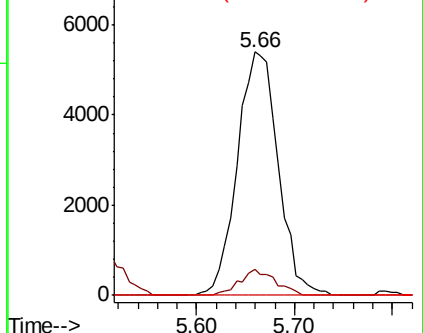
77 0.0 24.6 36.8#



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: 5.27 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

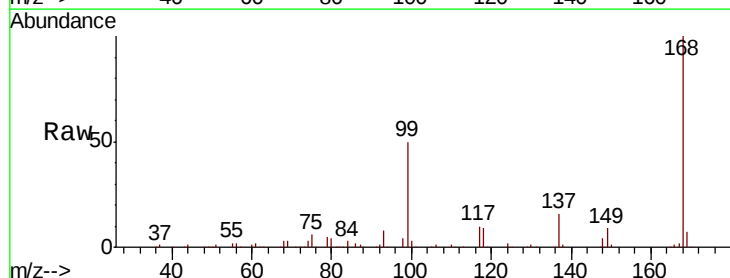
Tgt Ion: 117 Resp: 21296

Ion Ratio Lower Upper

117 100

119 4.9 78.8 118.2#

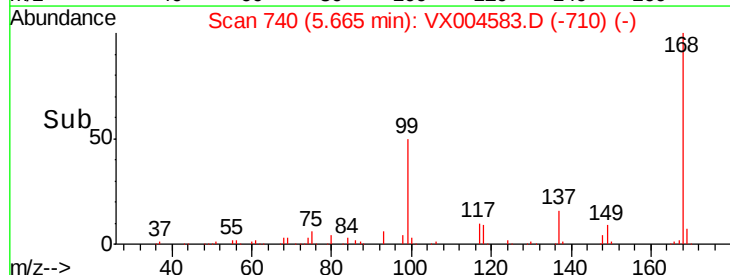
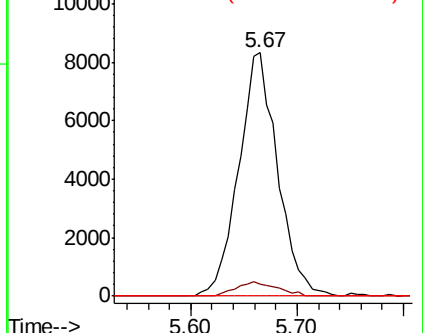
121 0.0 24.9 37.3#

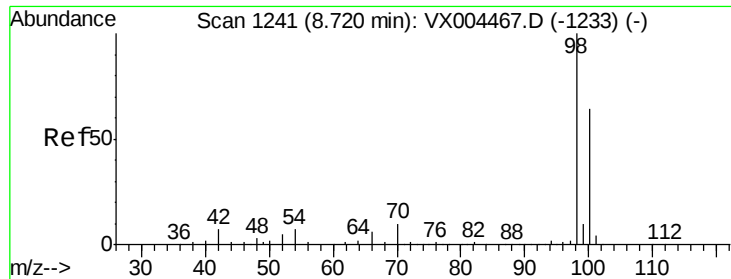


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

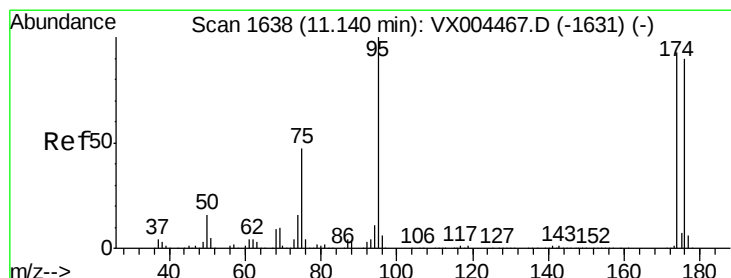
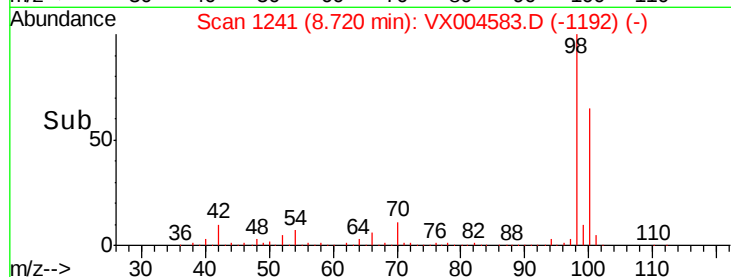
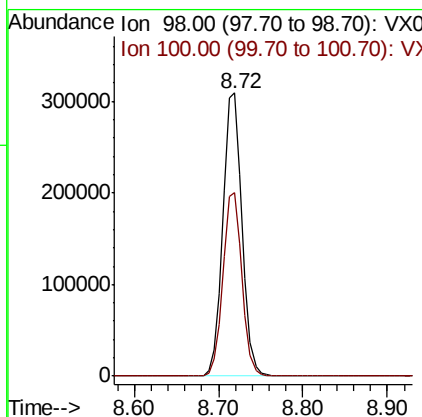
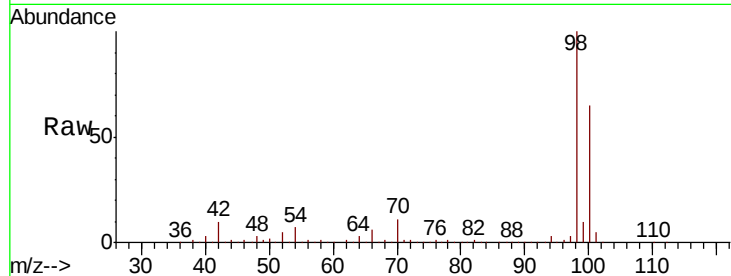




#50
Toluene-d8
Concen: 46.35 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

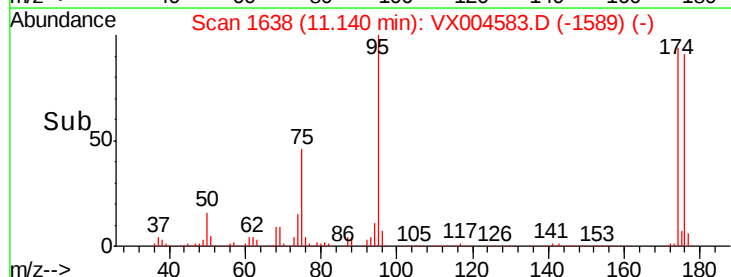
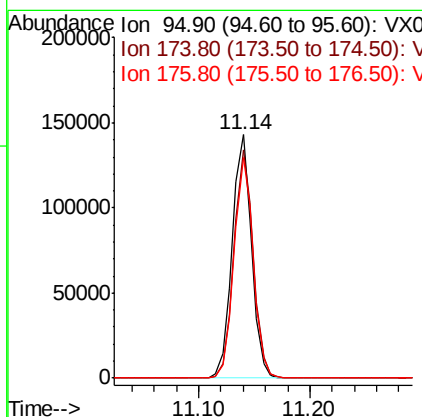
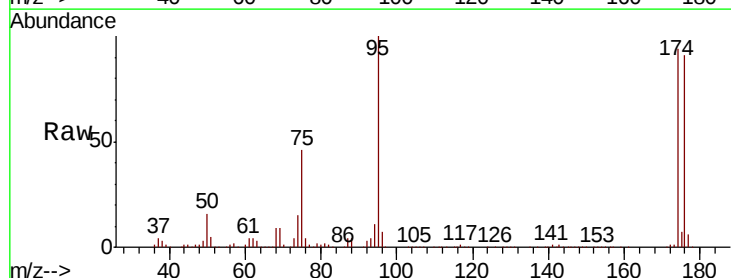
Instrument :
MSVOA_X
ClientSampleId :
S13-0244

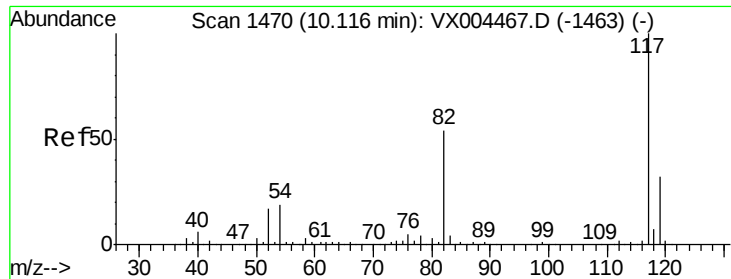
Tot Ion: 98 Resp: 485057
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.01 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

Tgt Ion: 95 Resp: 171881
Ion Ratio Lower Upper
95 100
174 93.6 0.0 185.2
176 90.2 0.0 178.6

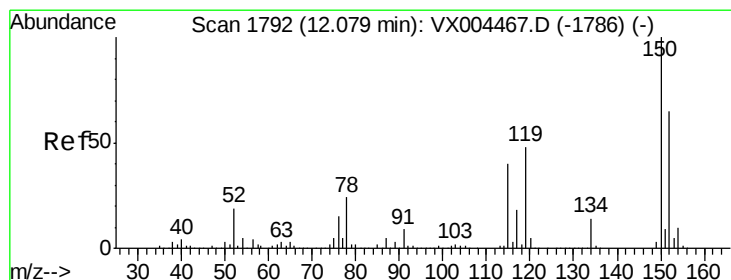
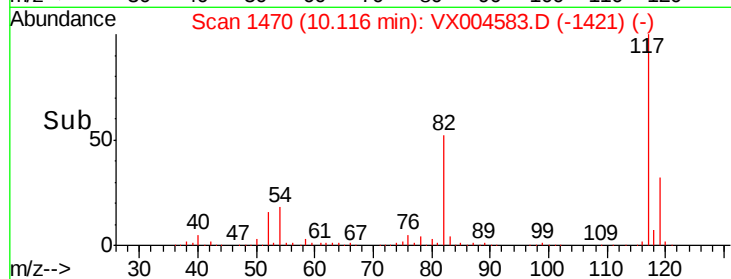
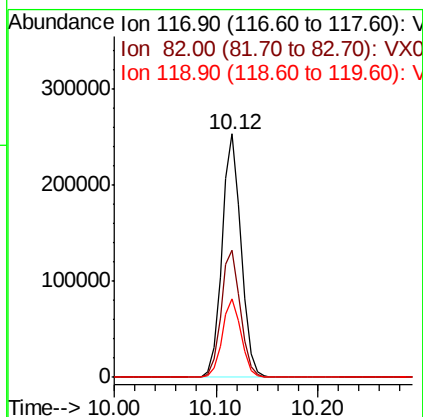
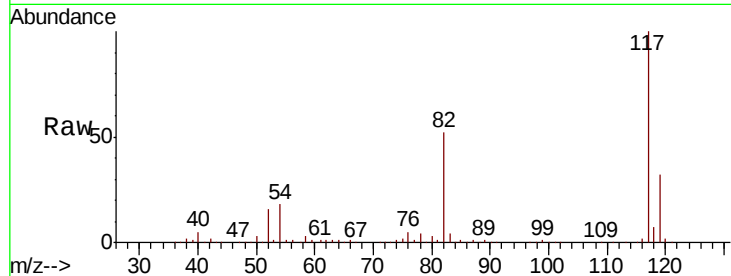




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

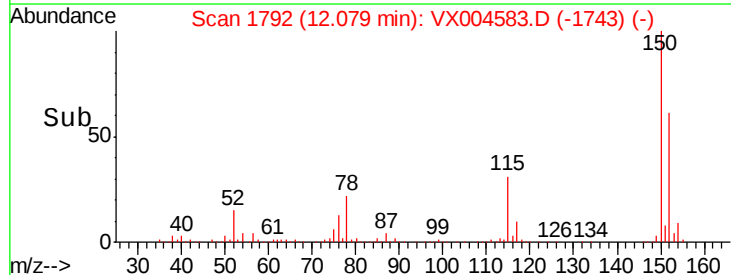
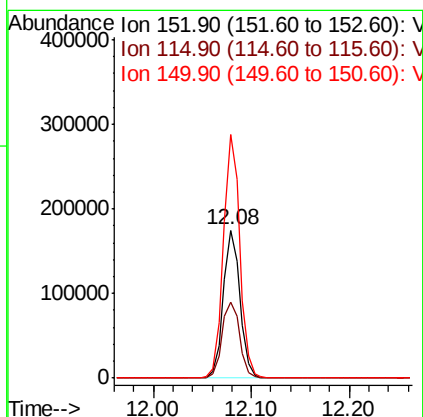
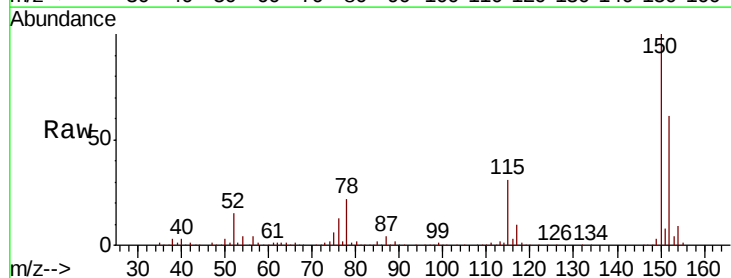
Instrument :
MSVOA_X
ClientSampleId :
S13-0244

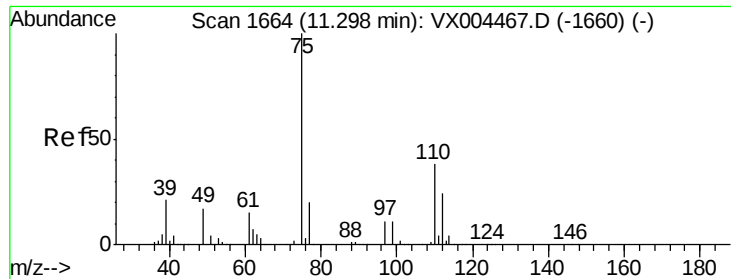
Tot Ion:117 Resp: 328578
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 32.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004583.D
Acq: 15 Sep 2018 14:40

Tgt Ion:152 Resp: 205848
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 162.3 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 19.55 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

Instrument :

MSVOA_X

ClientSampled :

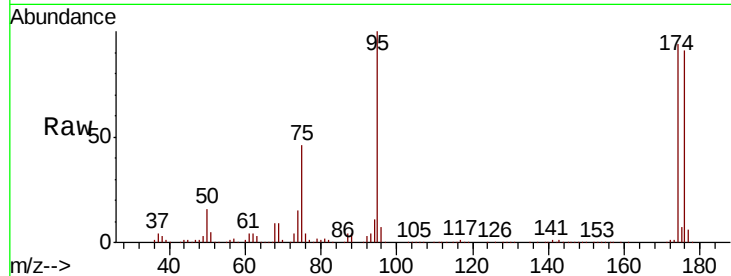
S13-0244

Tot Ion: 75 Resp: 80980

Ion Ratio Lower Upper

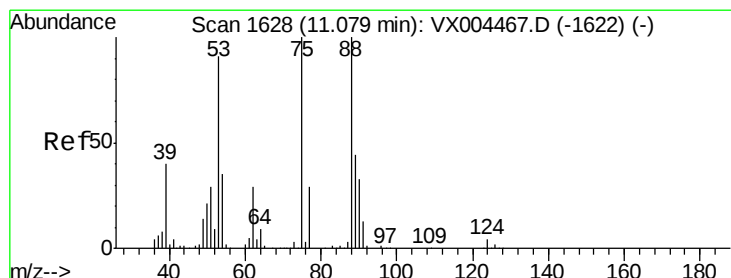
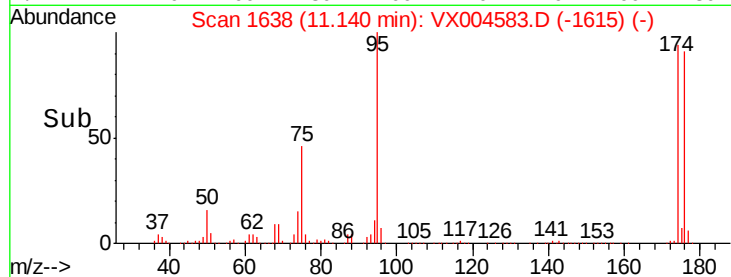
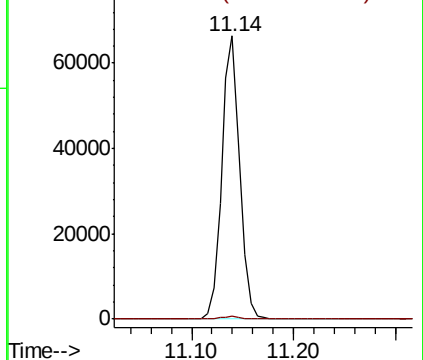
75 100

77 1.2 20.2 60.6#



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: 62.33 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004583.D

Acq: 15 Sep 2018 14:40

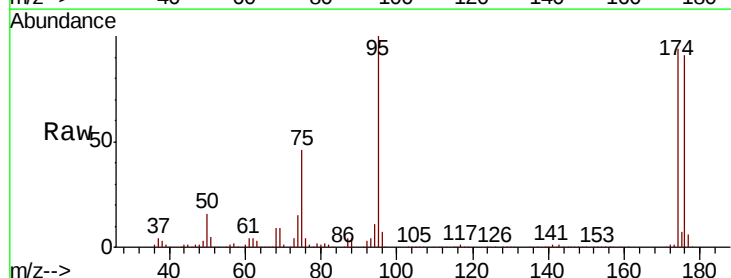
Tgt Ion: 75 Resp: 80980

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

89 0.0 37.2 55.8#



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

