

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004564.D
 Acq On : 15 Sep 2018 05:23
 Operator : JC/MD
 Sample : J4925-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0254

Quant Time: Sep 15 06:39:31 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	264223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188182	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	176781	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	5.50	113	150216	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
50) Toluene-d8	8.71	98	517547	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	11.14	95	182259	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	

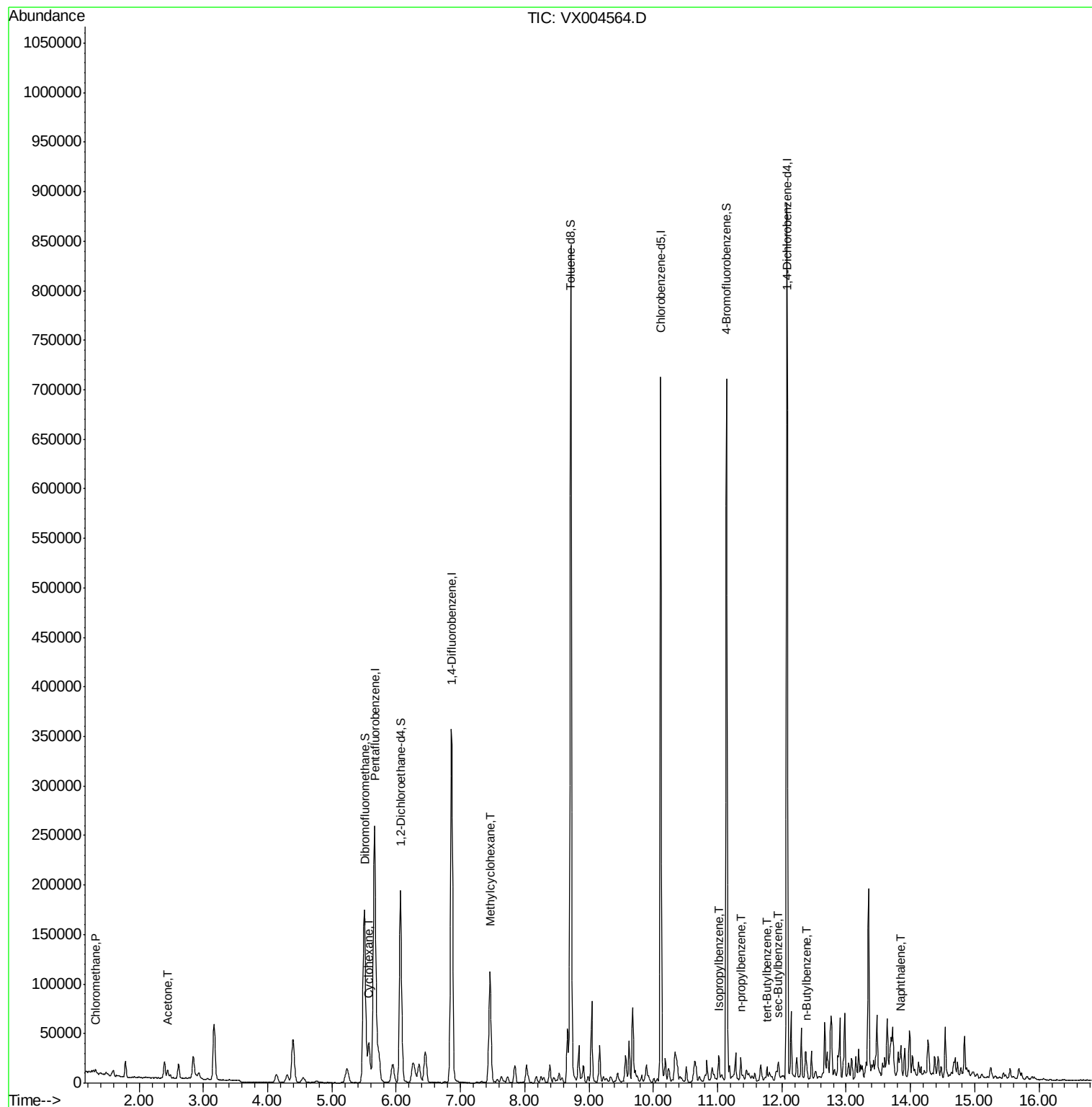
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2566	0.75	ug/l	96
16) Acetone	2.45	43	8953	5.38	ug/l	99
31) Cyclohexane	5.57	56	25197	5.11	ug/l	93
39) Methylcyclohexane	7.46	83	46348	9.87	ug/l	87
73) Isopropylbenzene	11.02	105	12968	1.05	ug/l	99
78) n-propylbenzene	11.36	91	13939	0.98	ug/l	99
83) tert-Butylbenzene	11.77	119	4124	0.42	ug/l	80
85) sec-Butylbenzene	11.95	105	6635	0.52	ug/l	82
89) n-Butylbenzene	12.39	91	3036	0.30	ug/l #	64
95) Naphthalene	13.83	128	9855	0.77	ug/l #	93

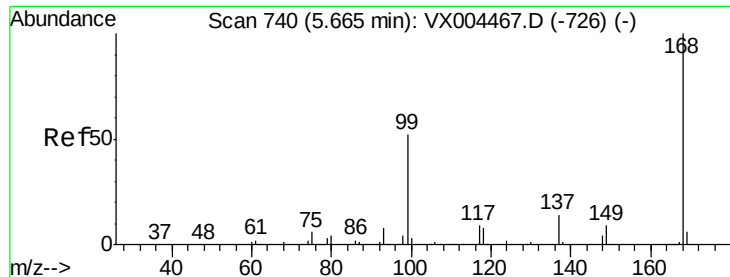
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004564.D
Acq On : 15 Sep 2018 05:23
Operator : JC/MD
Sample : J4925-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S13-0254

Quant Time: Sep 15 06:39:31 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# 740

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

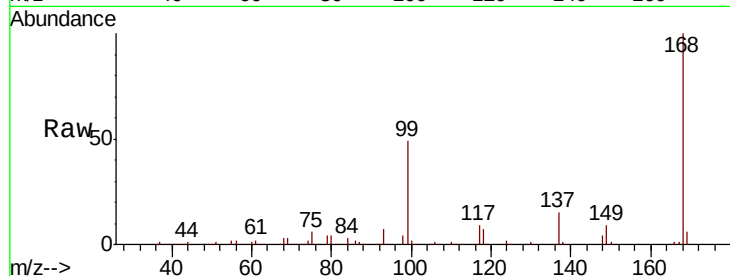
S13-0254

Tot Ion:168 Resp: 264223

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX004467.D (-726) (-)

5.67

100000

80000

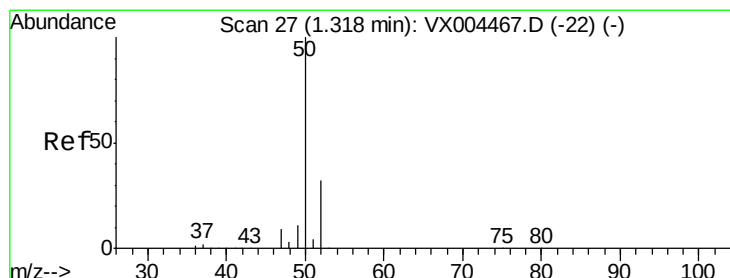
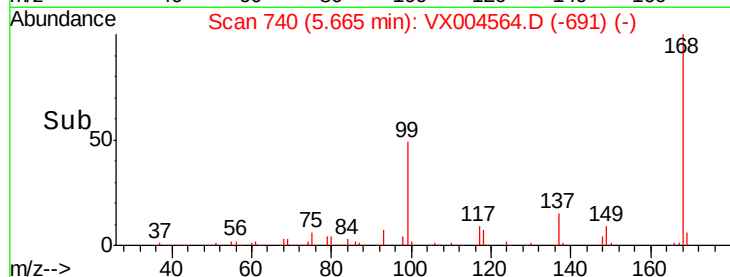
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.75 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004564.D

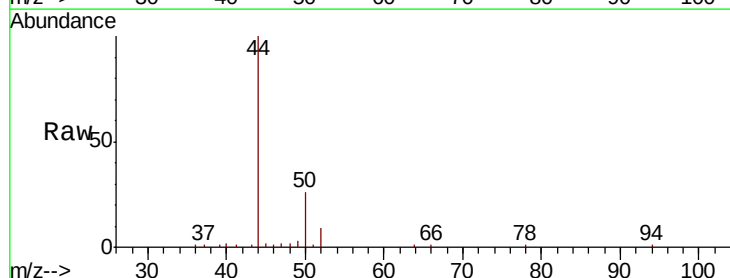
Acq: 15 Sep 2018 05:23

Tgt Ion: 50 Resp: 2566

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX004467.D (-22) (-)

Ion 51.90 (51.60 to 52.60): VX004467.D (-22) (-)

1.32

2500

2000

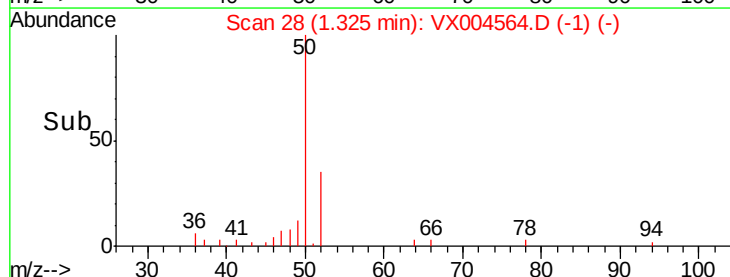
1500

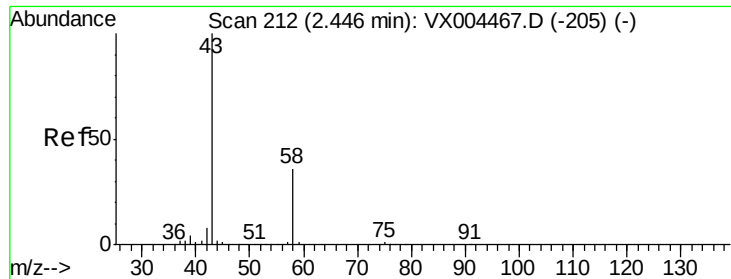
1000

500

0

Time-->

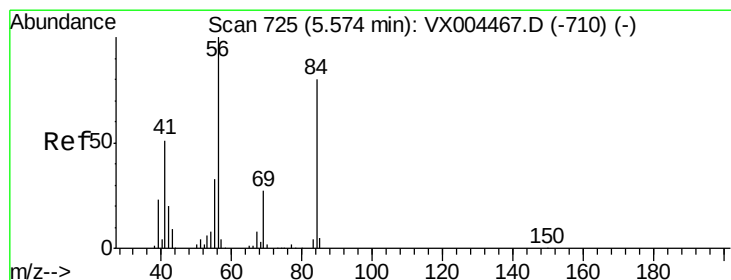
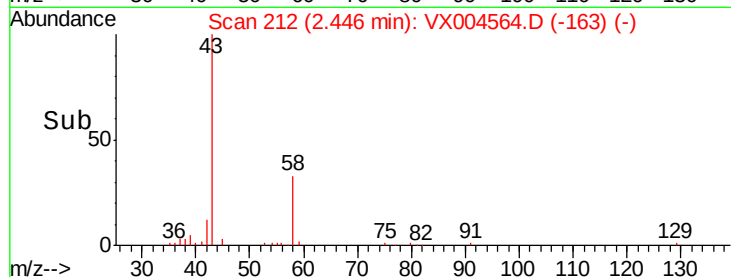
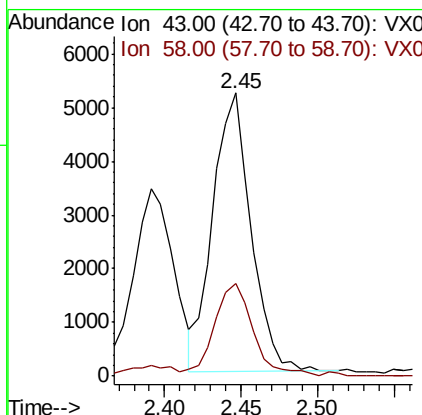
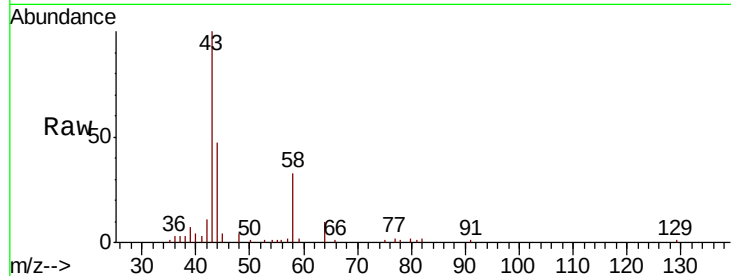




#16
Acetone
Concen: 5.38 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

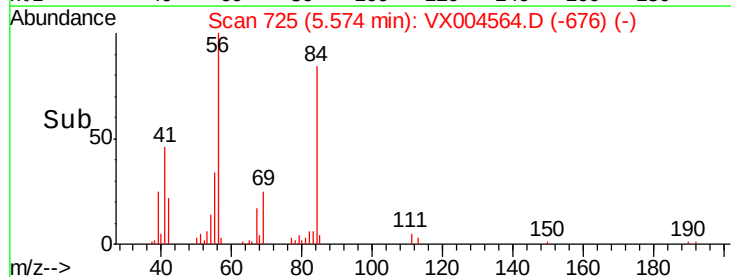
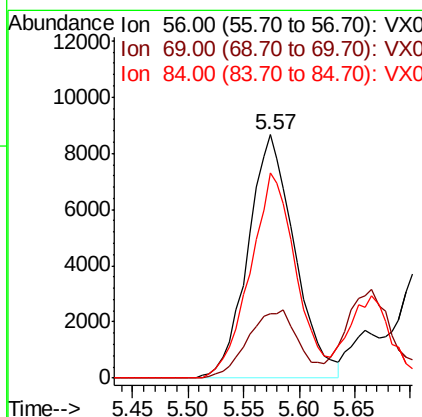
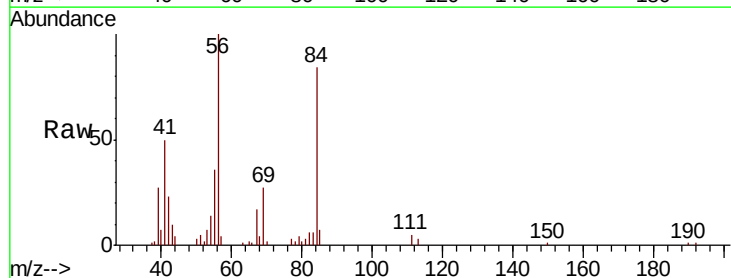
Instrument :
MSVOA_X
ClientSampled :
S13-0254

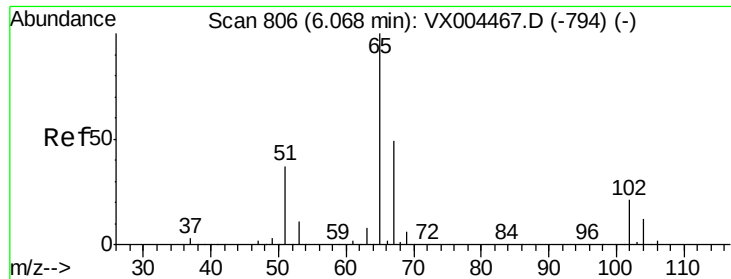
Tot Ion: 43 Resp: 8953
Ion Ratio Lower Upper
43 100
58 32.0 26.2 39.4



#31
Cyclohexane
Concen: 5.11 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion: 56 Resp: 25197
Ion Ratio Lower Upper
56 100
69 26.6 25.4 38.2
84 84.1 71.4 107.2

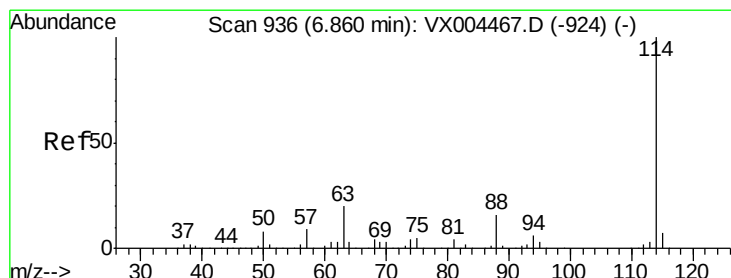
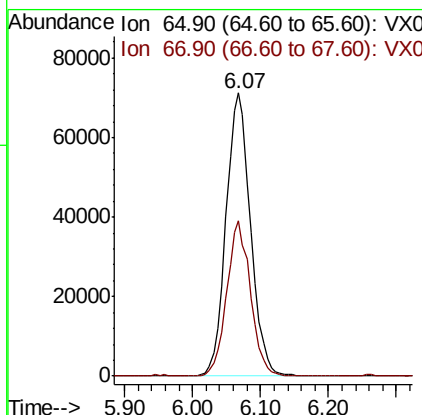
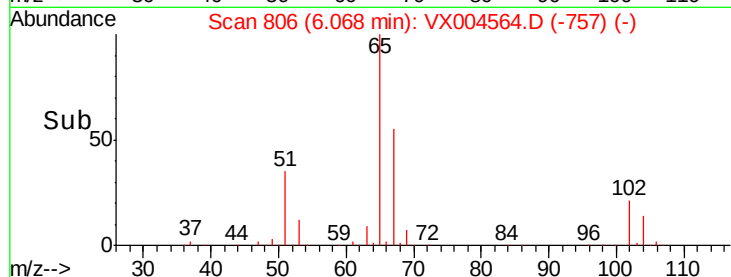
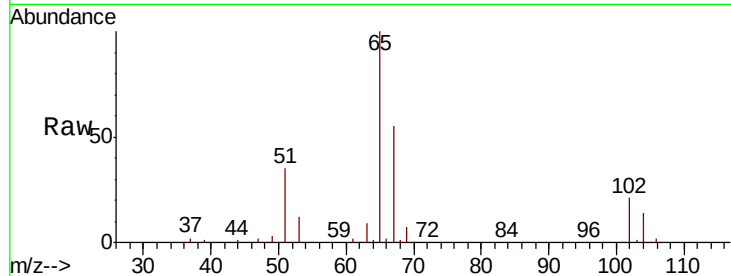




#33
 1,2-Dichloroethane-d4
 Concen: 51.89 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

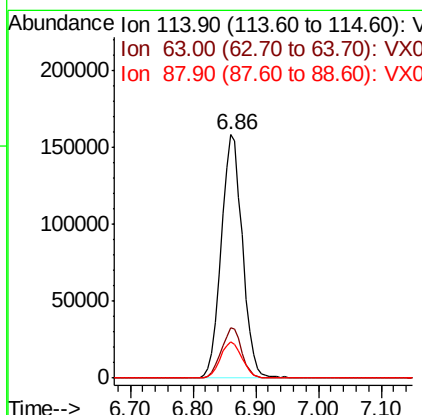
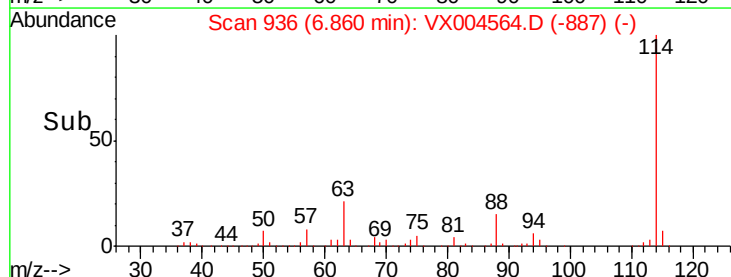
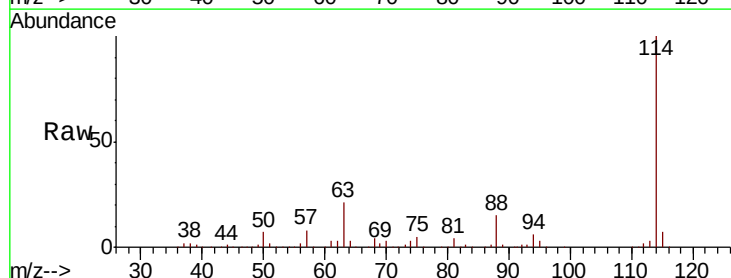
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0254

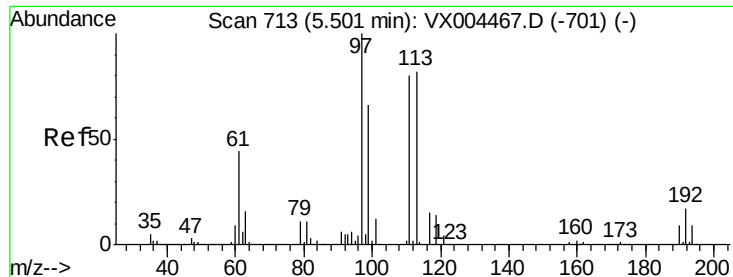
Tot Ion: 65 Resp: 176781
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

Tgt Ion: 114 Resp: 370516
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 14.6 0.0 30.4

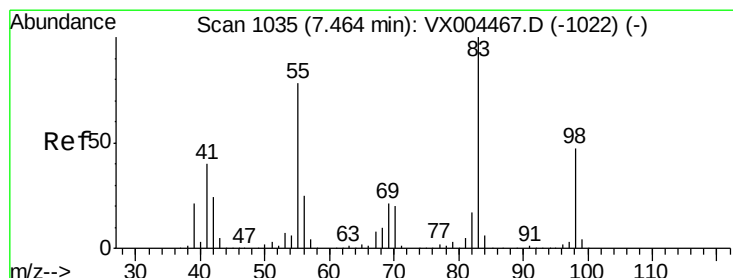
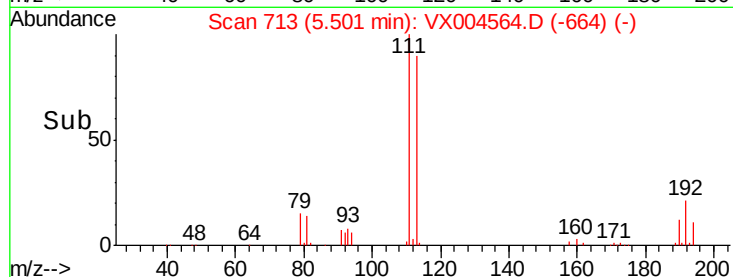
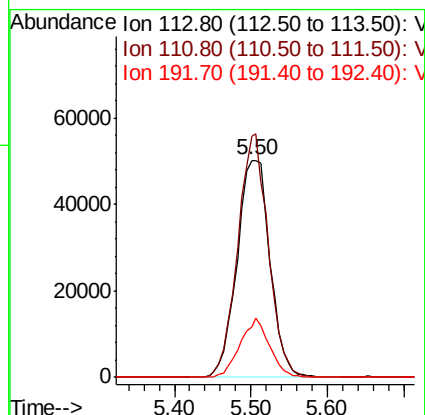
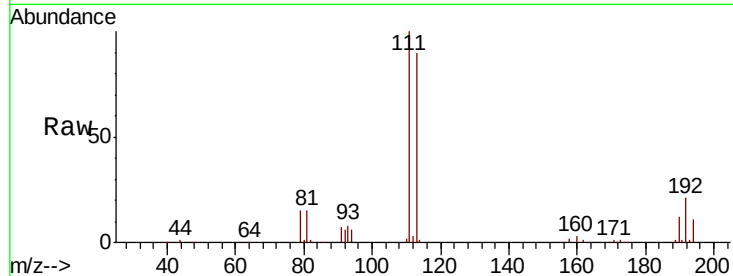




#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

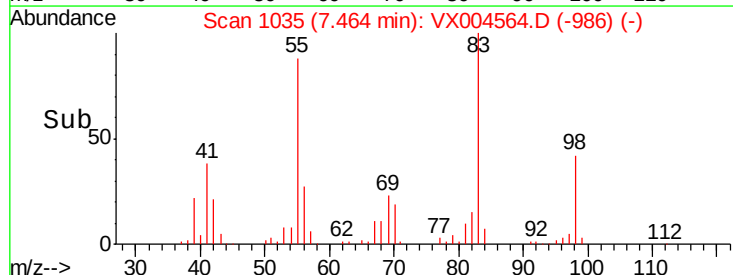
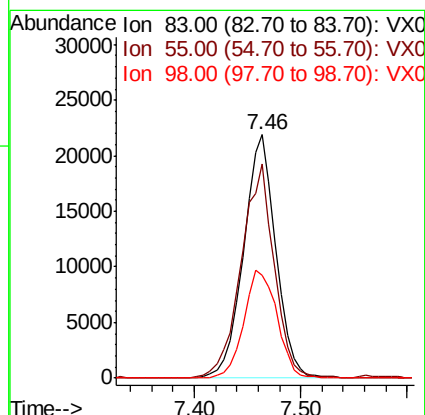
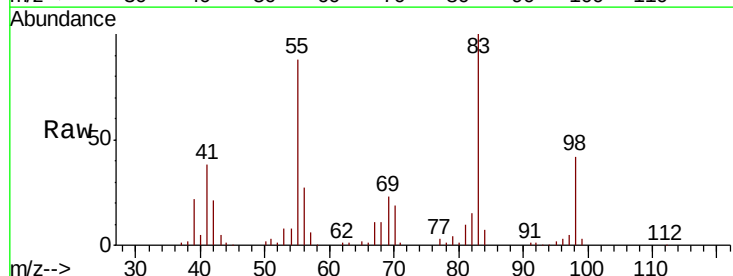
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0254

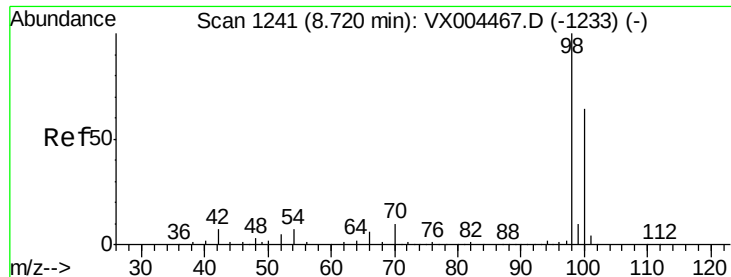
Tot Ion:113 Resp: 150216
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 24.1 19.4 29.2



#39
 Methylcyclohexane
 Concen: 9.87 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

Tgt Ion: 83 Resp: 46348
 Ion Ratio Lower Upper
 83 100
 55 88.1 61.0 91.4
 98 42.0 39.6 59.4





#50

Toluene-d8

Concen: 45.52 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

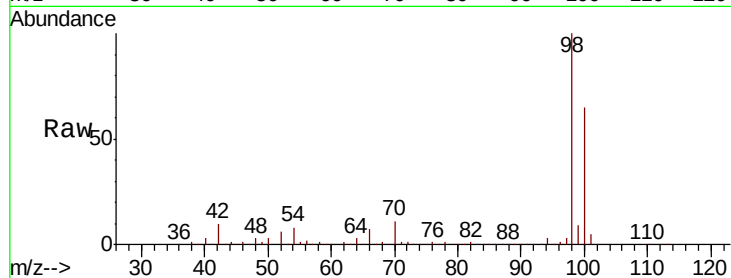
S13-0254

Tot Ion: 98 Resp: 517547

Ion Ratio Lower Upper

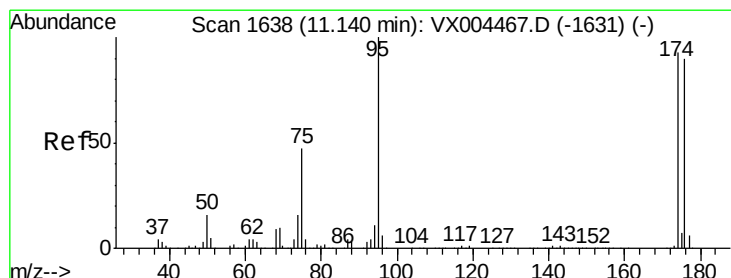
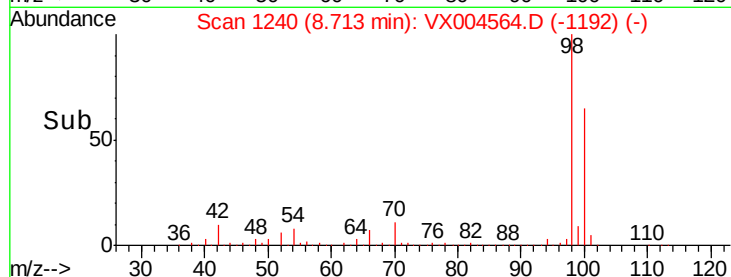
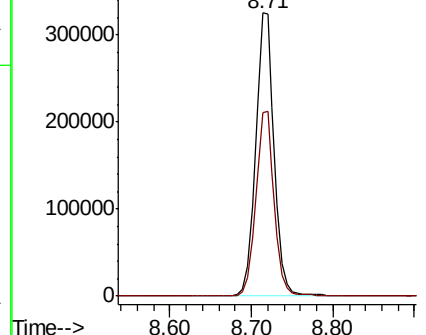
98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.91 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

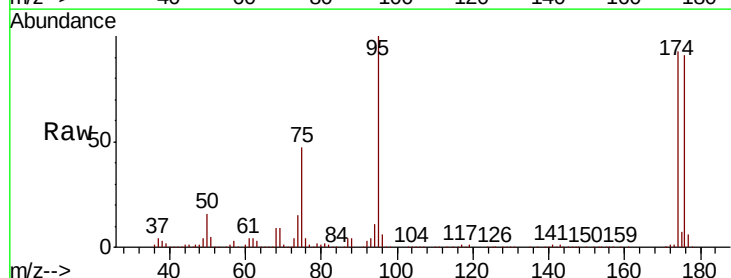
Tgt Ion: 95 Resp: 182259

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.2

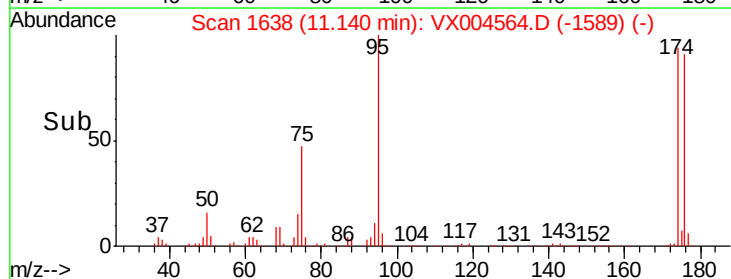
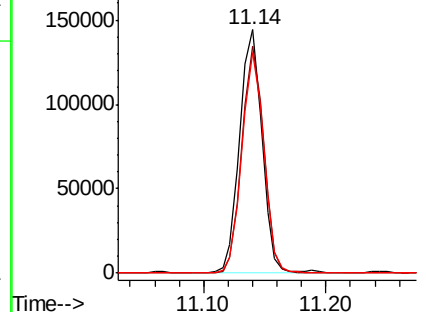
176 88.7 0.0 178.6

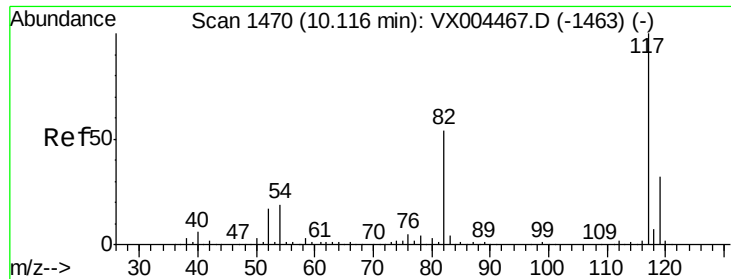


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

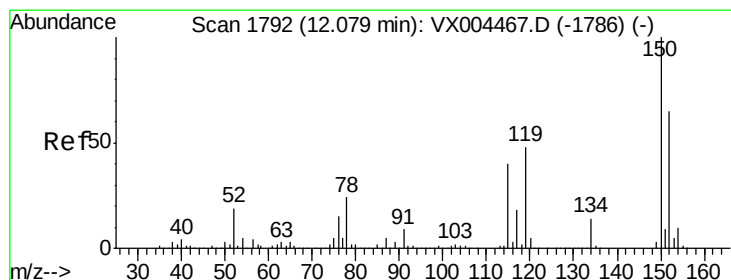
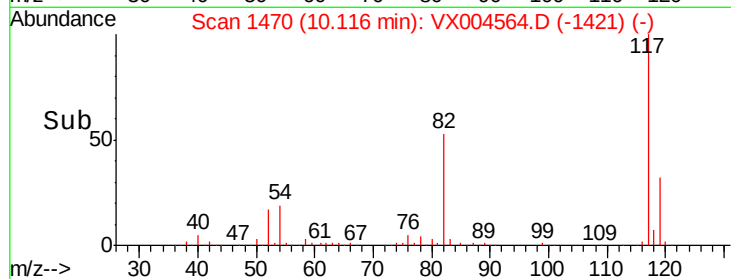
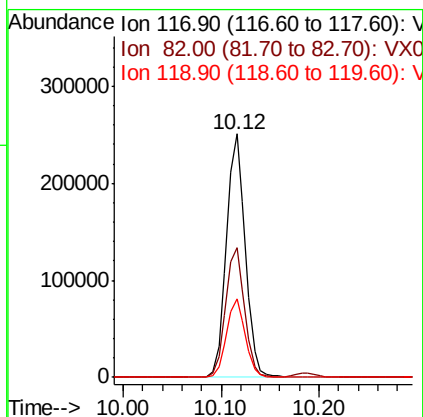
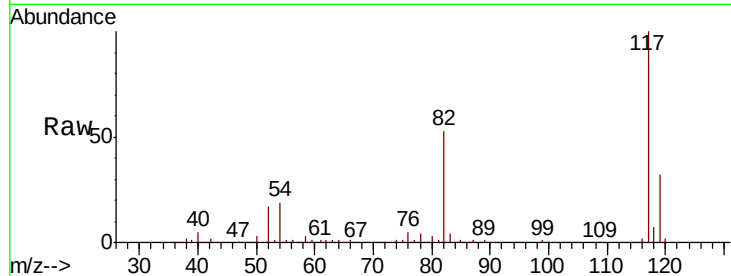




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

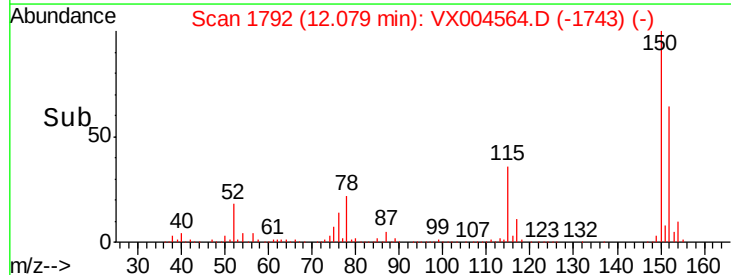
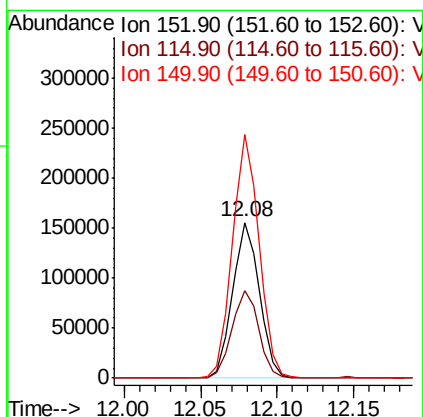
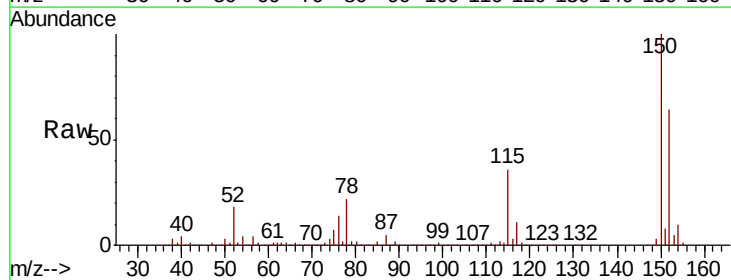
Instrument :
MSVOA_X
ClientSampleId :
S13-0254

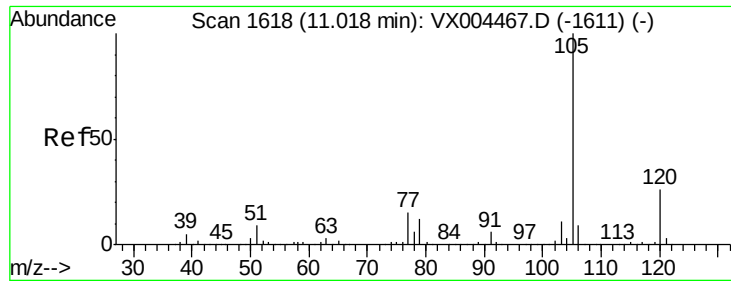
Tot Ion:117 Resp: 335179
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.4 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004564.D
Acq: 15 Sep 2018 05:23

Tgt Ion:152 Resp: 188182
Ion Ratio Lower Upper
152 100
115 56.5 39.0 117.0
150 155.7 0.0 351.0





#73

Isopropylbenzene

Concen: 1.05 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

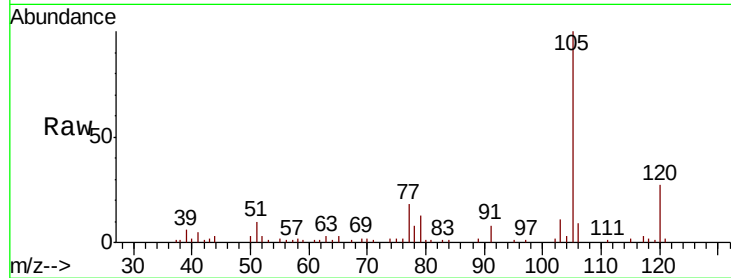
S13-0254

Tot Ion:105 Resp: 12968

Ion Ratio Lower Upper

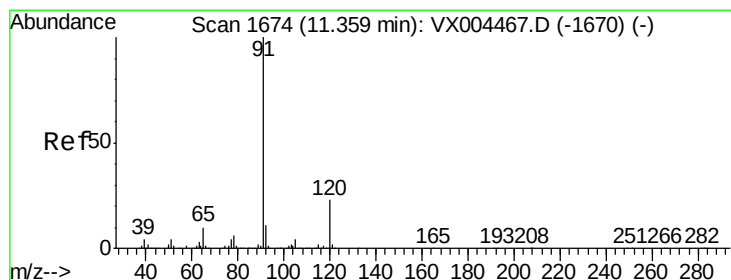
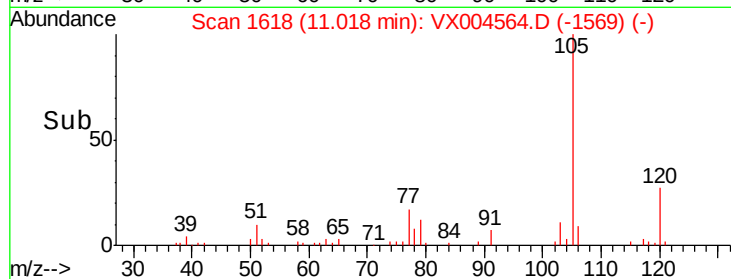
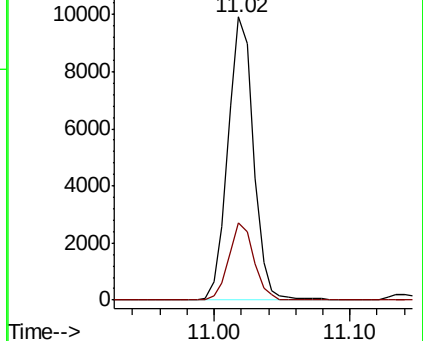
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.98 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004564.D

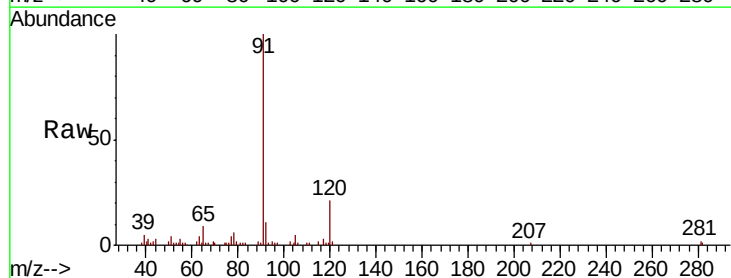
Acq: 15 Sep 2018 05:23

Tgt Ion: 91 Resp: 13939

Ion Ratio Lower Upper

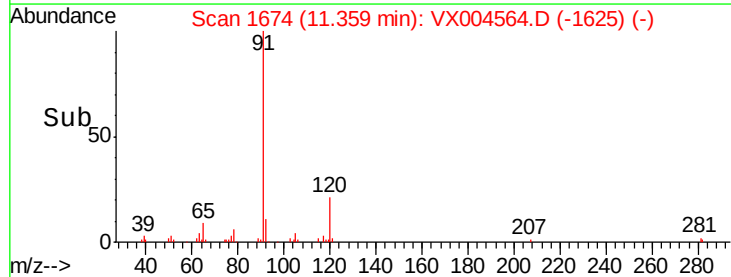
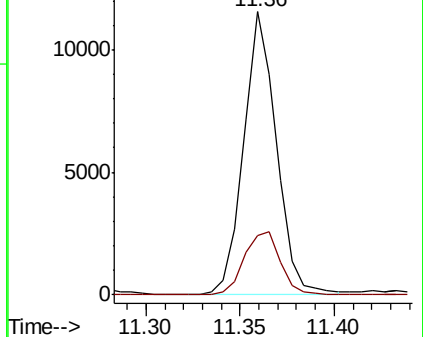
91 100

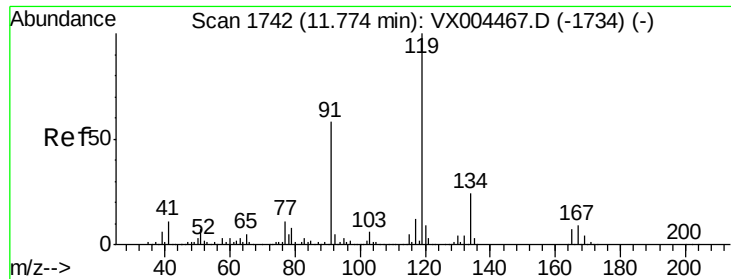
120 24.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

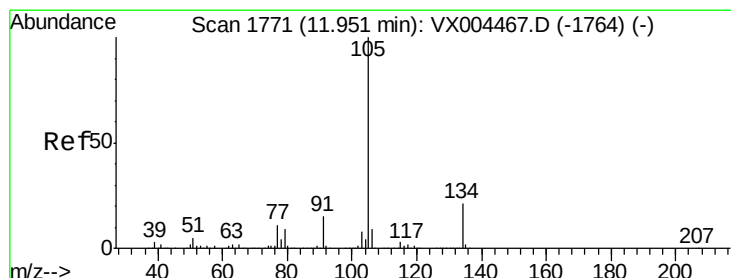
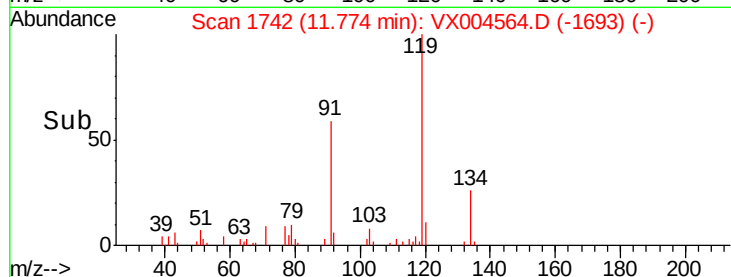
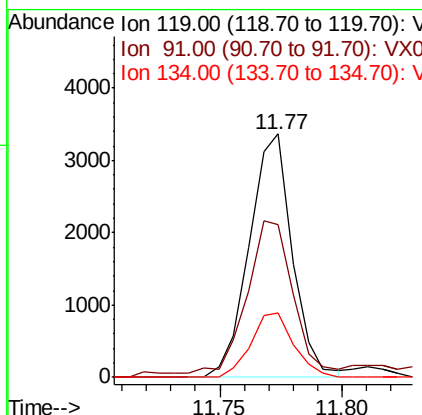
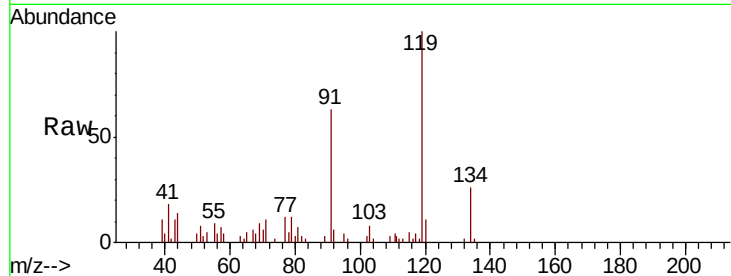




#83
 tert-Butylbenzene
 Concen: 0.42 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

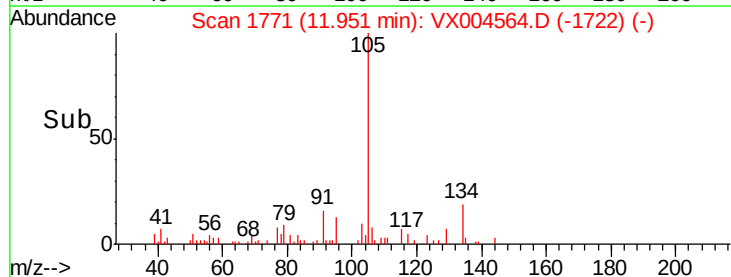
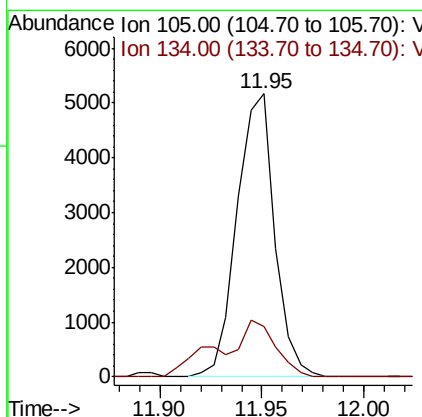
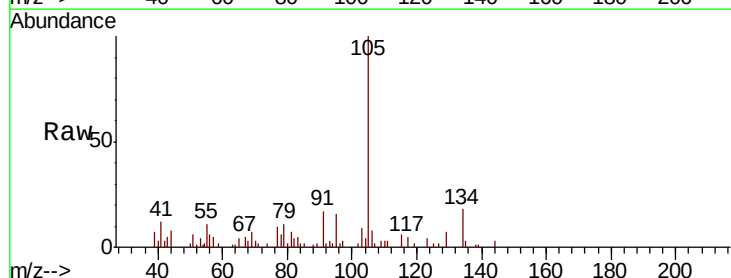
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0254

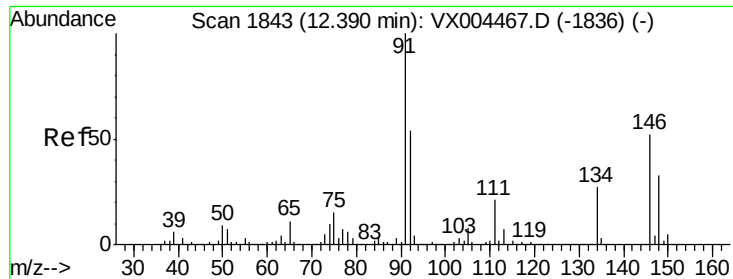
Tot Ion	Ratio	Lower	Upper
119	100		
91	72.8	27.0	81.0
134	26.3	11.7	35.1



#85
 sec-Butylbenzene
 Concen: 0.52 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004564.D
 Acq: 15 Sep 2018 05:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.6	10.5	31.5





#89

n-Butylbenzene

Concen: 0.30 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Instrument :

MSVOA_X

ClientSampled :

S13-0254

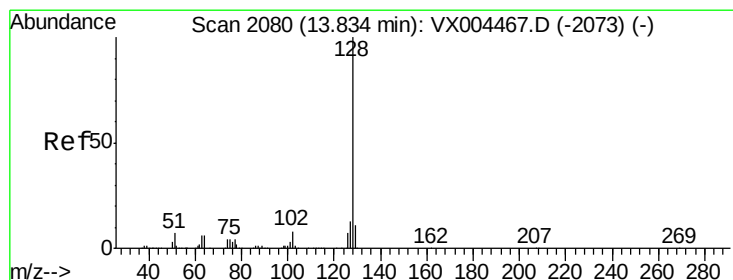
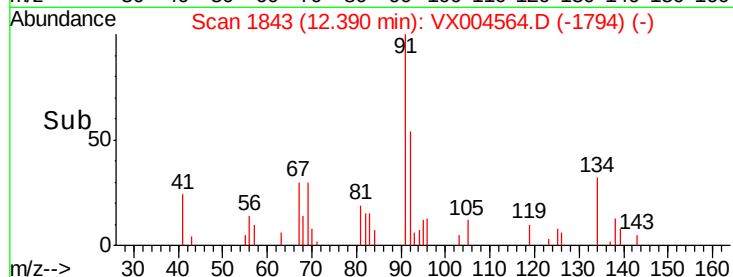
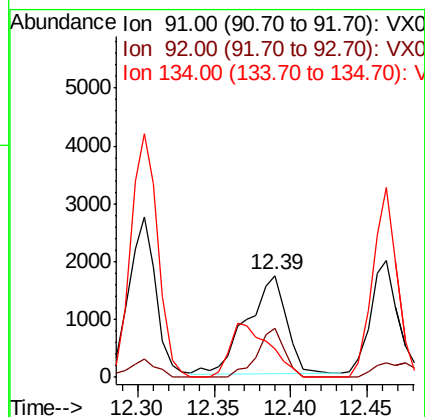
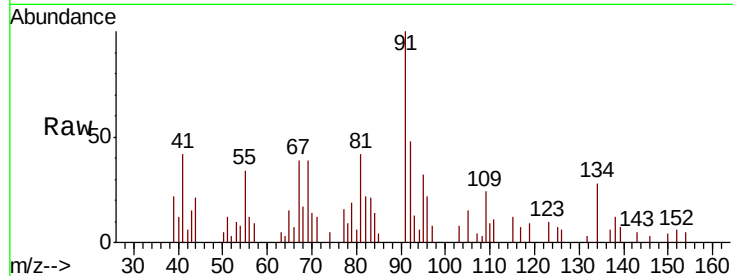
Tot Ion: 91 Resp: 3036

Ion Ratio Lower Upper

91 100

92 34.7 27.3 81.9

134 0.0 13.6 40.7#



#95

Naphthalene

Concen: 0.77 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004564.D

Acq: 15 Sep 2018 05:23

Tgt Ion: 128 Resp: 9855

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 14.2 8.6 12.8#

