

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004563.D
 Acq On : 15 Sep 2018 04:56
 Operator : JC/MD
 Sample : J4925-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0252

Quant Time: Sep 15 06:36:29 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	256315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176881	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	158577	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	144802	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
50) Toluene-d8	8.71	98	520808	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	169297	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	

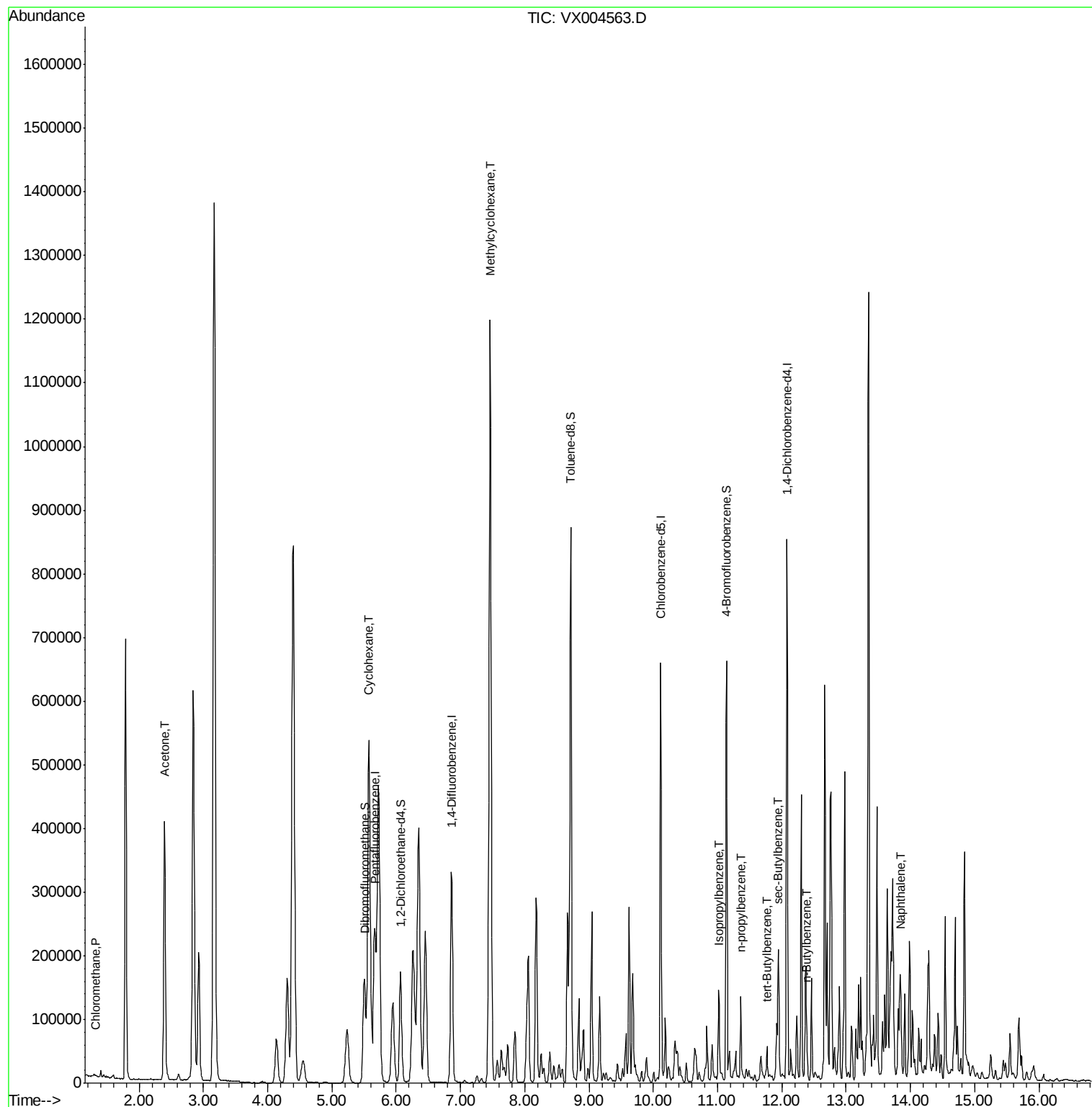
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1338	0.40	ug/l #	81
16) Acetone	2.40	43	163638	101.45	ug/l #	50
31) Cyclohexane	5.57	56	376977	78.85	ug/l	97
39) Methylcyclohexane	7.46	83	547850	123.34	ug/l	97
73) Isopropylbenzene	11.02	105	73339	6.30	ug/l	100
78) n-propylbenzene	11.36	91	76425	5.71	ug/l	98
83) tert-Butylbenzene	11.77	119	18626	2.00	ug/l	89
85) sec-Butylbenzene	11.94	105	104674	8.81	ug/l	81
89) n-Butylbenzene	12.39	91	33864	3.54	ug/l #	58
95) Naphthalene	13.83	128	98010	8.12	ug/l	95

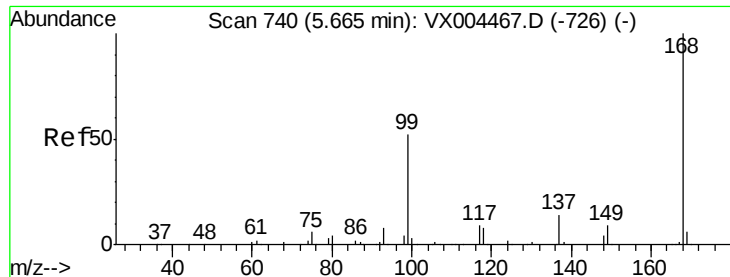
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 15 06:36:29 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: VX004563.D

Acq: 15 Sep 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

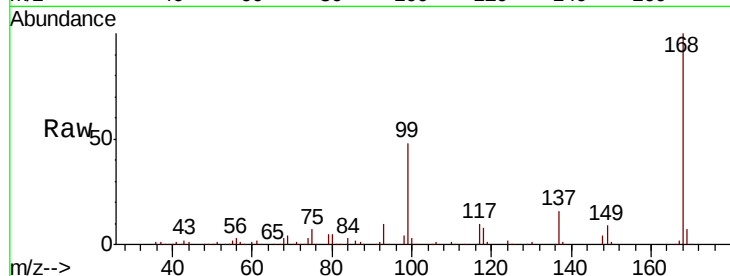
S13-0252

Tot Ion:168 Resp: 256315

Ion Ratio Lower Upper

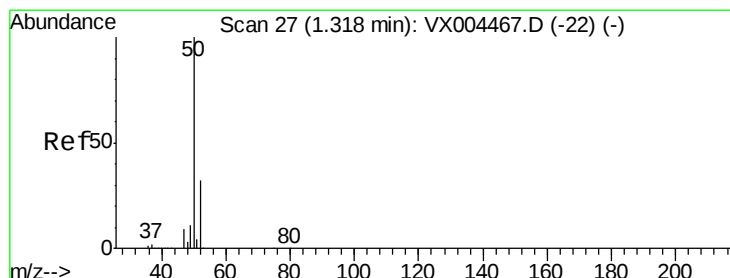
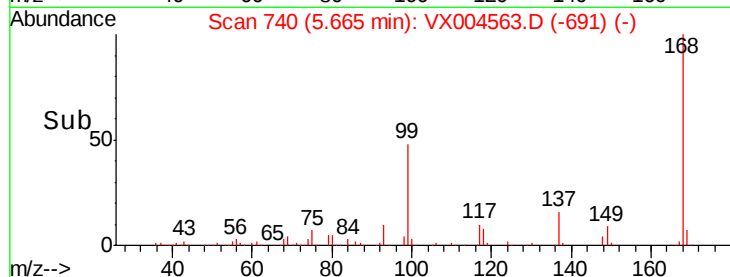
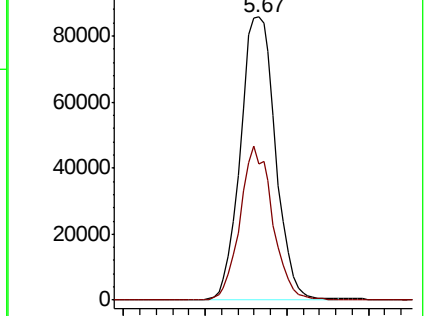
168 100

99 48.3 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: 0.40 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004563.D

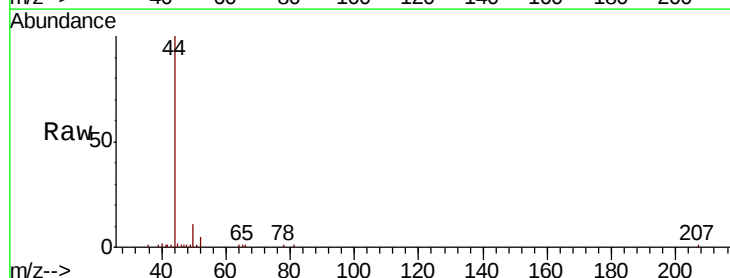
Acq: 15 Sep 2018 04:56

Tgt Ion: 50 Resp: 1338

Ion Ratio Lower Upper

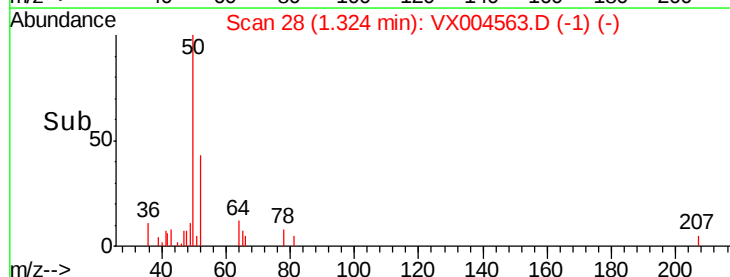
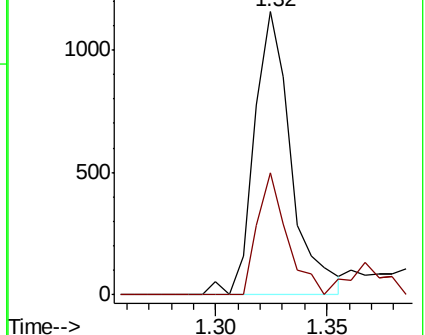
50 100

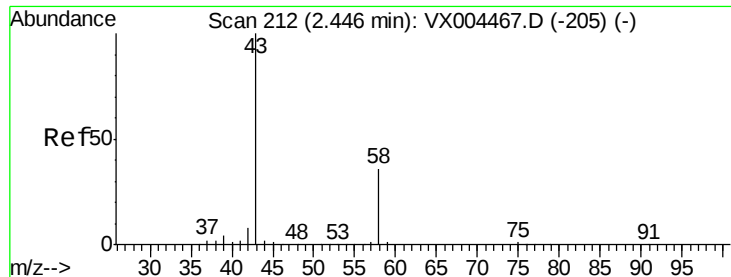
52 43.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

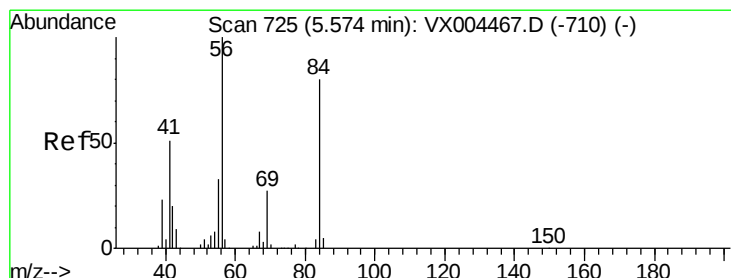
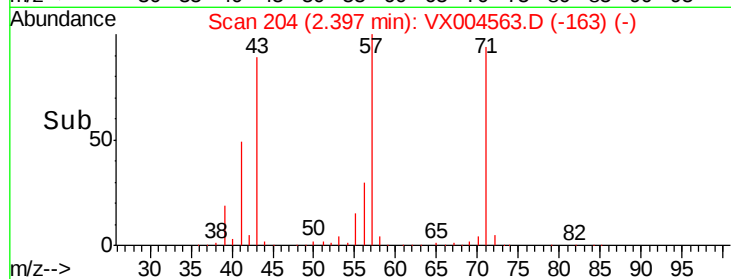
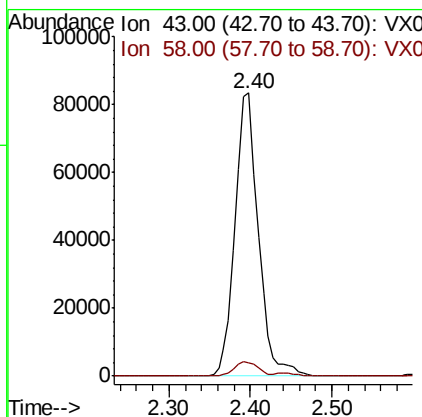
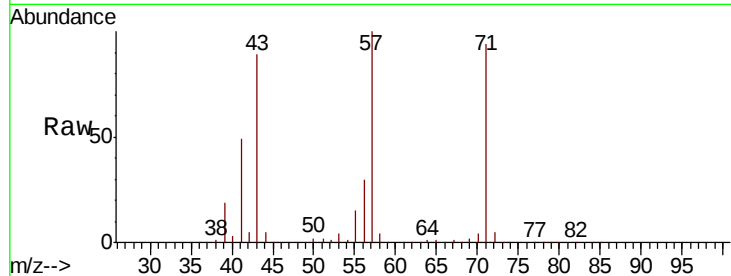




#16
Acetone
Concen: 101.45 ug/l
RT: 2.40 min Scan# 204
Delta R.T. -0.05 min
Lab File: VX004563.D
Acq: 15 Sep 2018 04:56

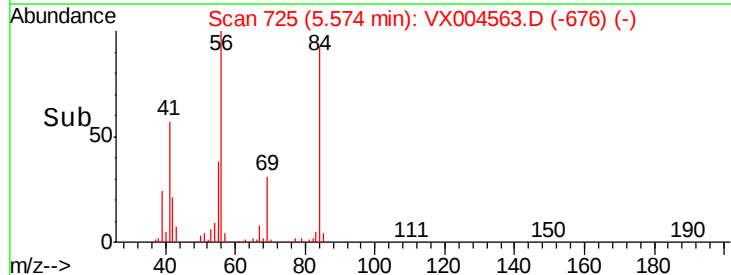
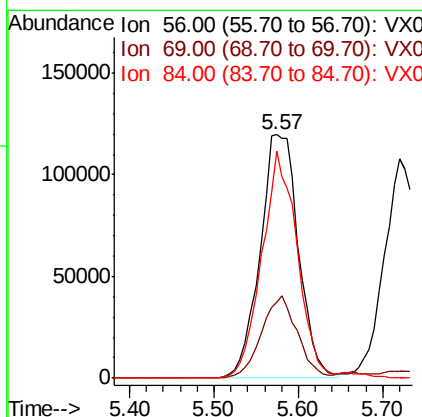
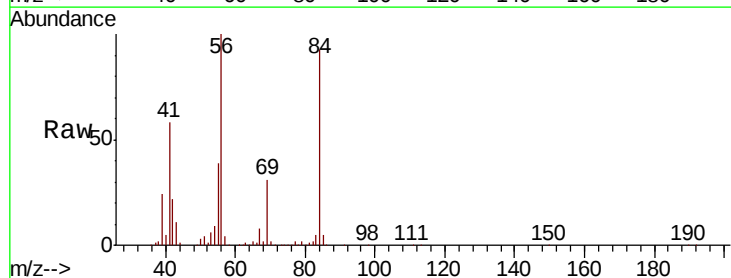
Instrument :
MSVOA_X
ClientSampleId :
S13-0252

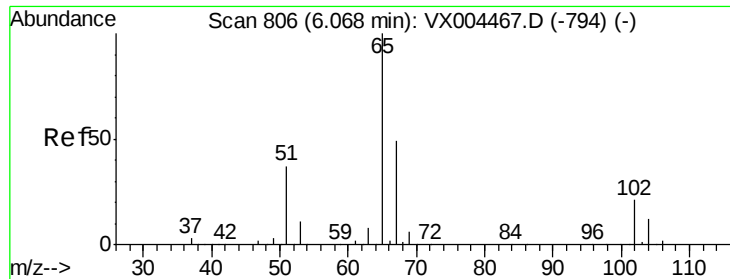
Tot Ion: 43 Resp: 163638
Ion Ratio Lower Upper
43 100
58 4.6 26.2 39.4#



#31
Cyclohexane
Concen: 78.85 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004563.D
Acq: 15 Sep 2018 04:56

Tgt Ion: 56 Resp: 376977
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.2
84 93.2 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 47.98 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004563.D

Acq: 15 Sep 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

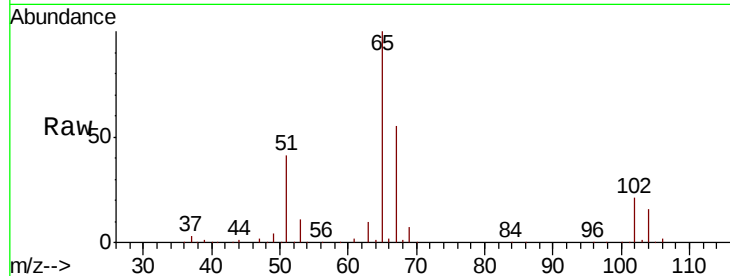
S13-0252

Tot Ion: 65 Resp: 158577

Ion Ratio Lower Upper

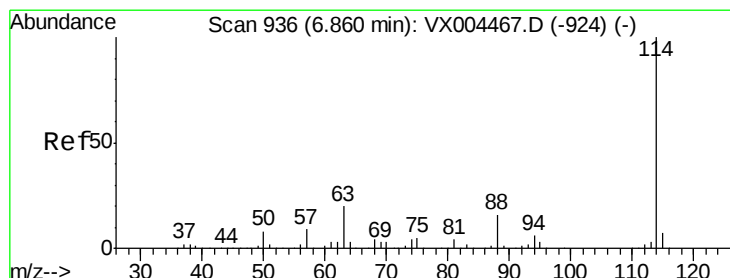
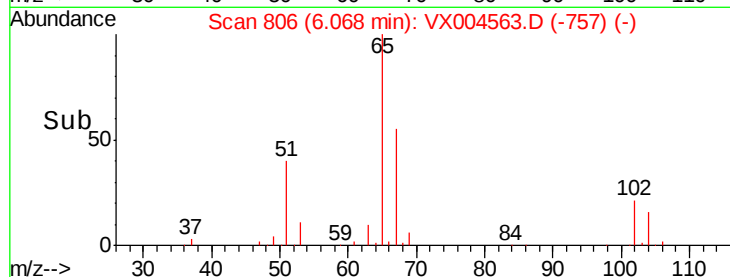
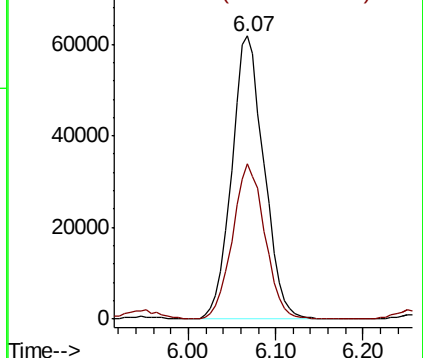
65 100

67 54.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004563.D

Acq: 15 Sep 2018 04:56

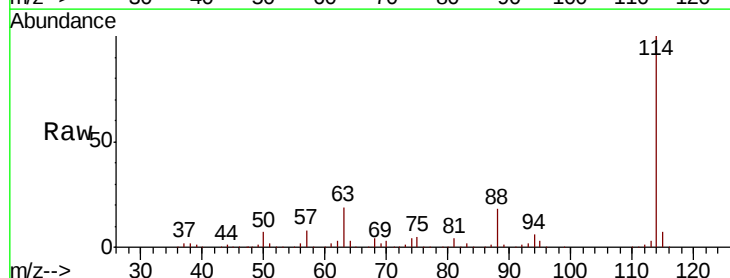
Tgt Ion: 114 Resp: 350597

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.0

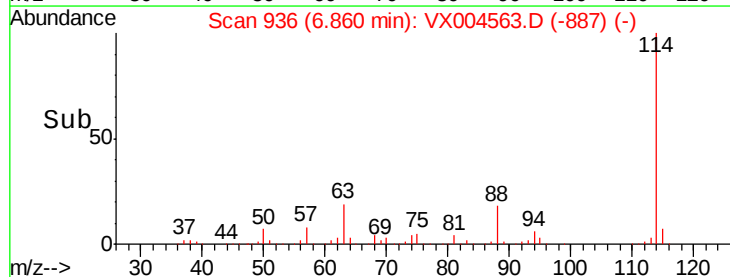
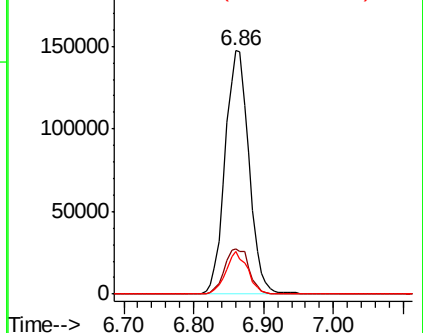
88 17.7 0.0 30.4

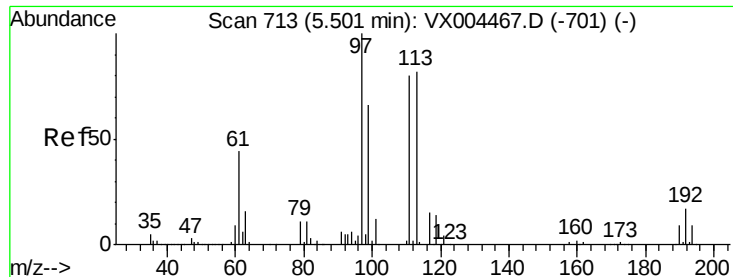


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

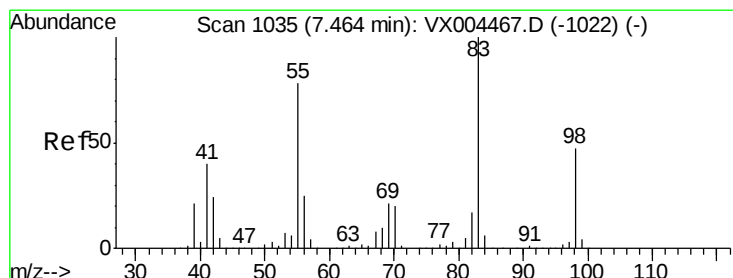
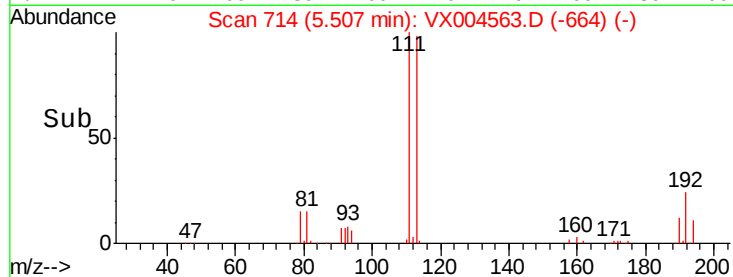
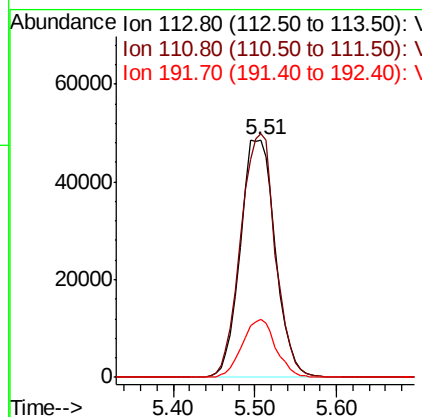
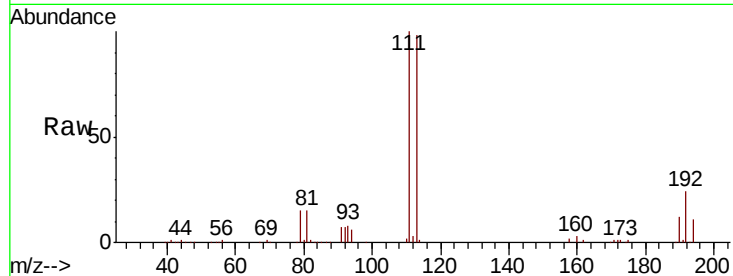




#35
 Dibromofluoromethane
 Concen: 45.13 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004563.D
 Acq: 15 Sep 2018 04:56

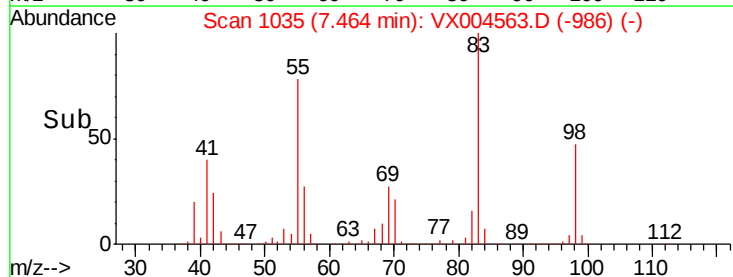
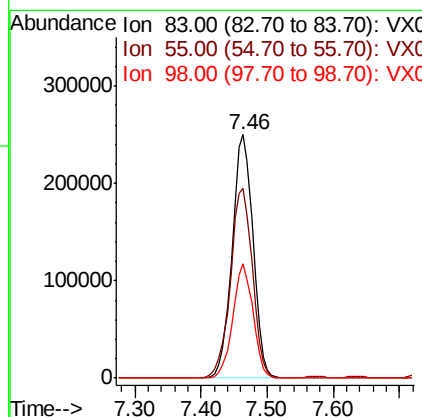
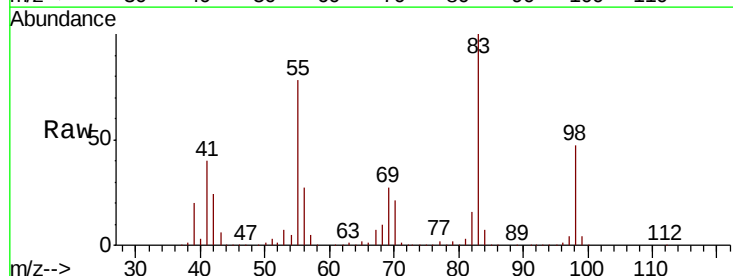
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0252

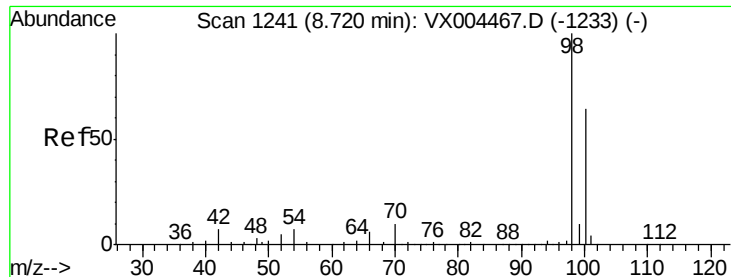
Tot Ion:113 Resp: 144802
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 23.5 19.4 29.2



#39
 Methylcyclohexane
 Concen: 123.34 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX004563.D
 Acq: 15 Sep 2018 04:56

Tgt Ion: 83 Resp: 547850
 Ion Ratio Lower Upper
 83 100
 55 77.8 61.0 91.4
 98 46.8 39.6 59.4





#50

Toluene-d8

Concen: 48.41 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004563.D

Acq: 15 Sep 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

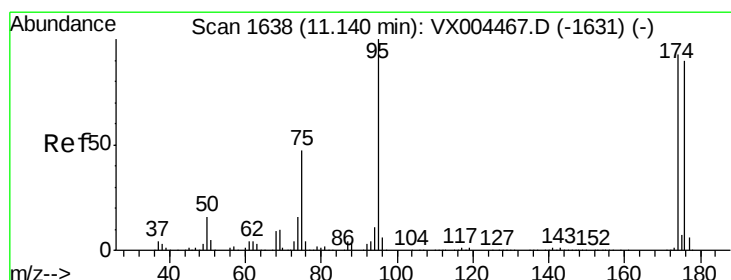
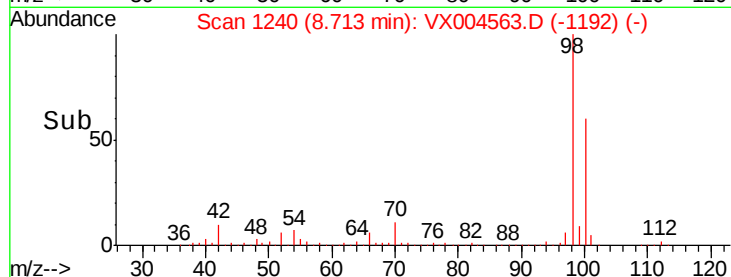
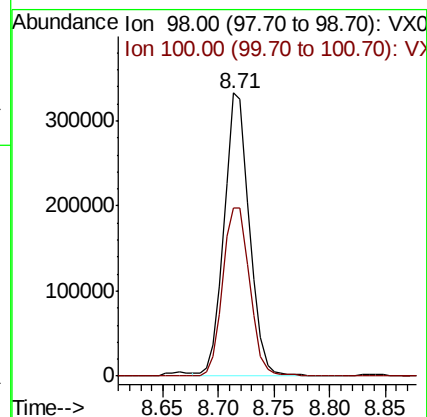
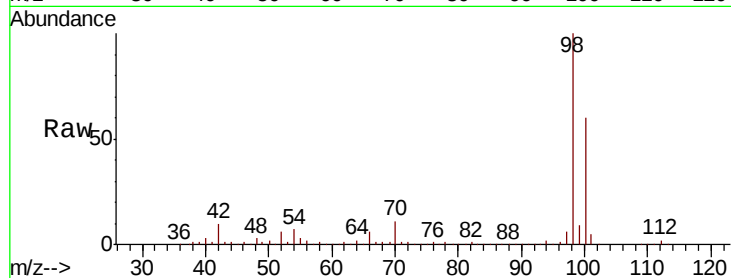
S13-0252

Tot Ion: 98 Resp: 520808

Ion Ratio Lower Upper

98 100

100 64.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.08 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004563.D

Acq: 15 Sep 2018 04:56

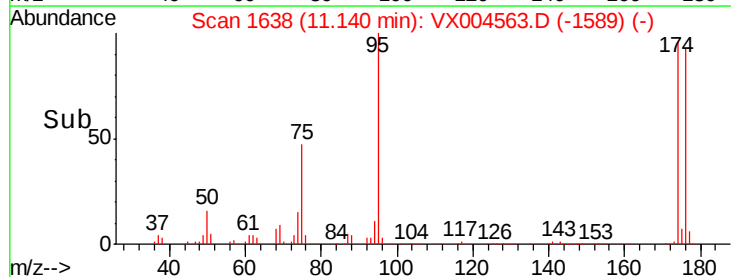
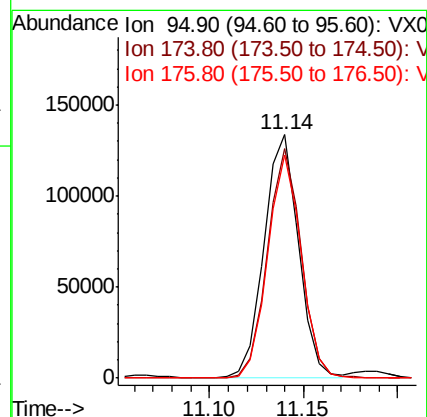
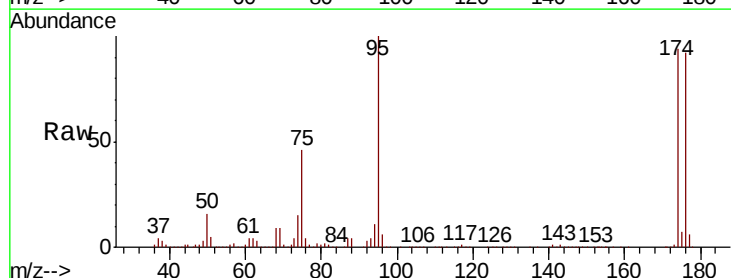
Tgt Ion: 95 Resp: 169297

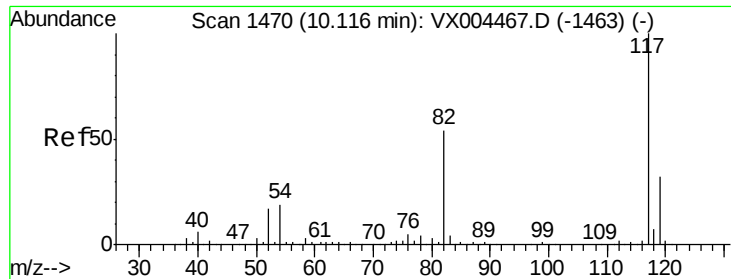
Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.2

176 89.9 0.0 178.6

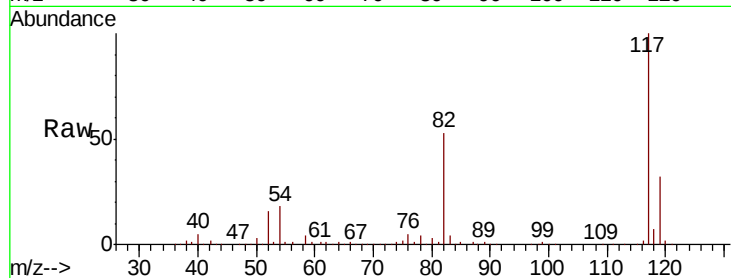




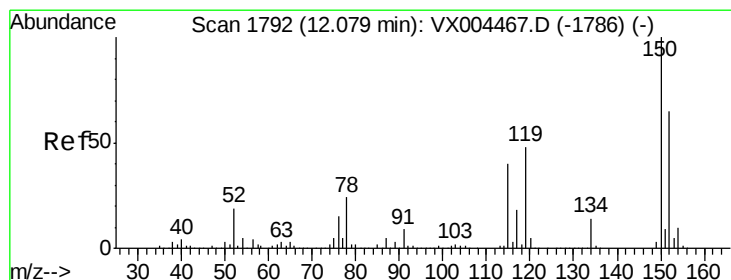
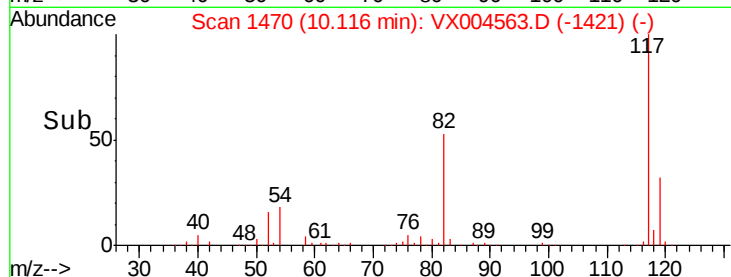
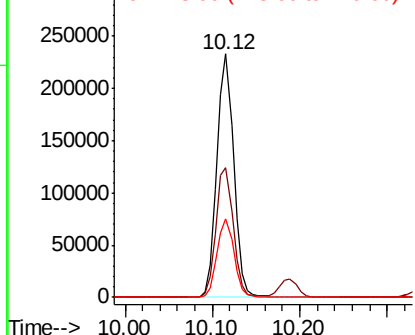
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004563.D
Acq: 15 Sep 2018 04:56

Instrument :
MSVOA_X
ClientSampleId :
S13-0252

Tot Ion:117 Resp: 309939
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.0 29.3 43.9

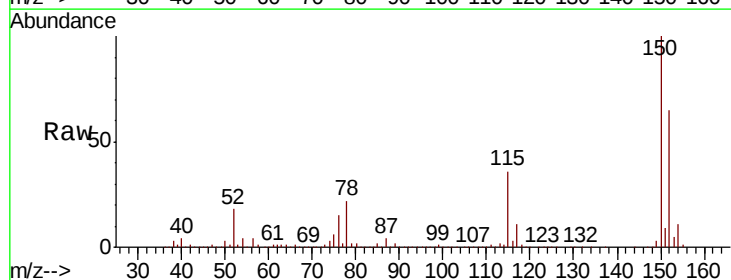


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

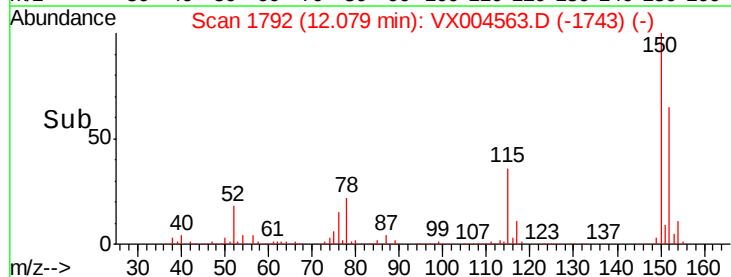
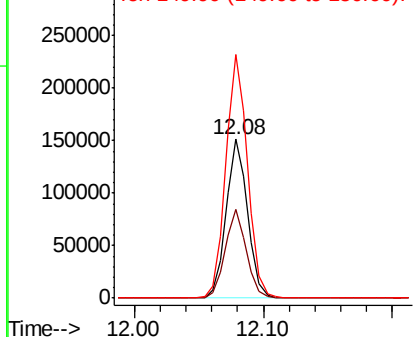


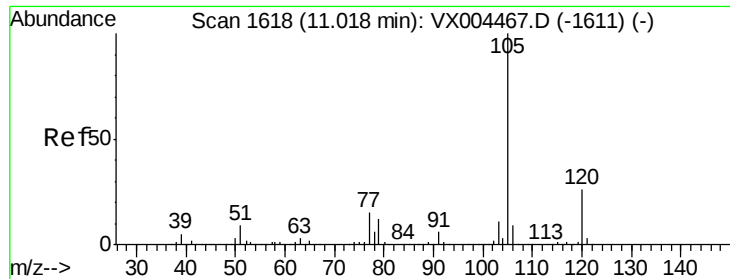
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004563.D
Acq: 15 Sep 2018 04:56

Tgt Ion:152 Resp: 176881
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 155.6 0.0 351.0



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





#73

Isopropylbenzene

Concen: 6.30 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004563.D

Acq: 15 Sep 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

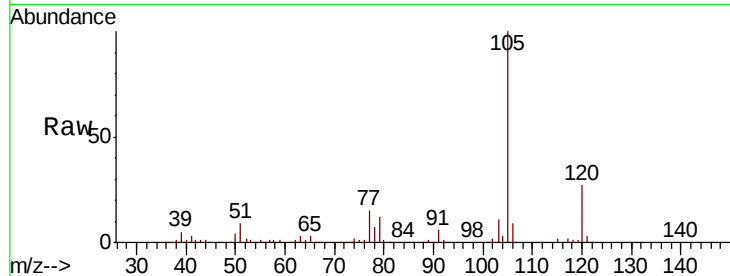
S13-0252

Tot Ion: 105 Resp: 73339

Ion Ratio Lower Upper

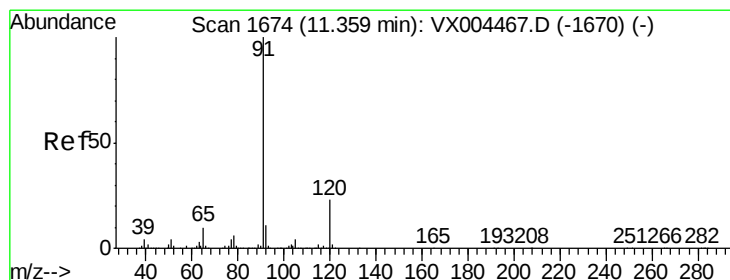
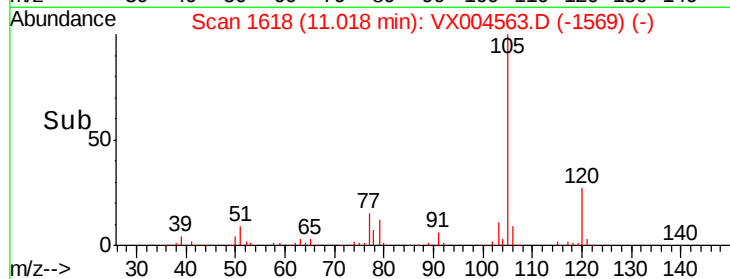
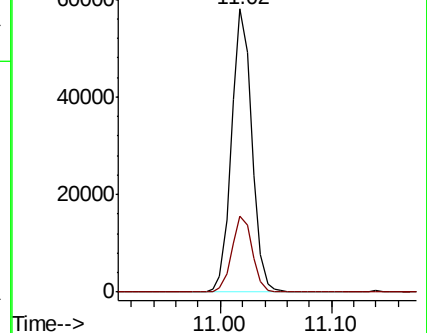
105 100

120 27.0 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: 5.71 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004563.D

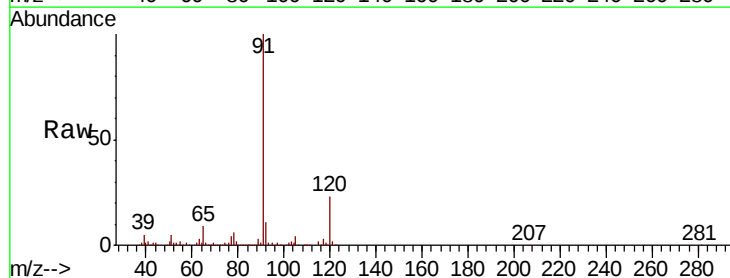
Acq: 15 Sep 2018 04:56

Tgt Ion: 91 Resp: 76425

Ion Ratio Lower Upper

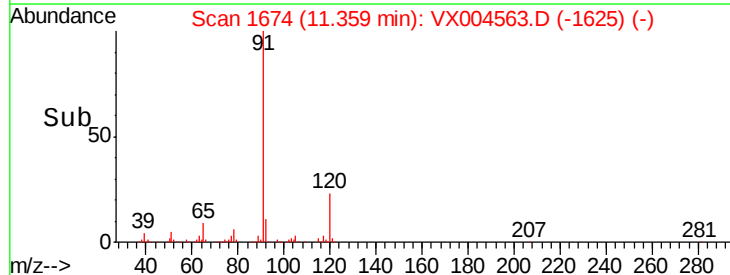
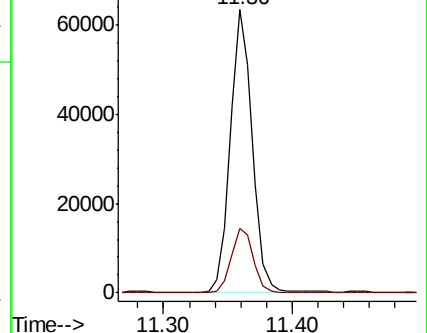
91 100

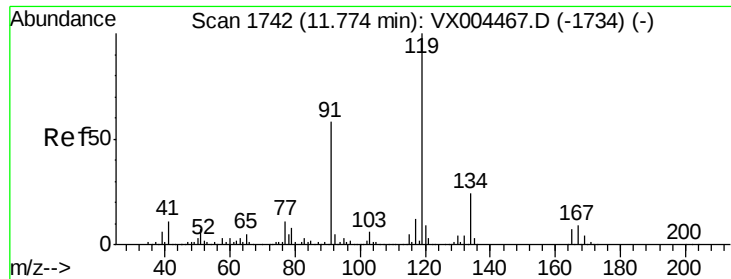
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

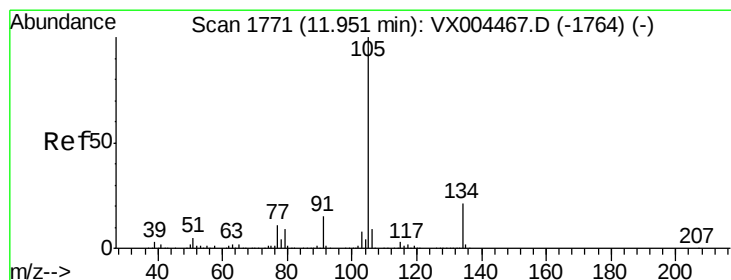
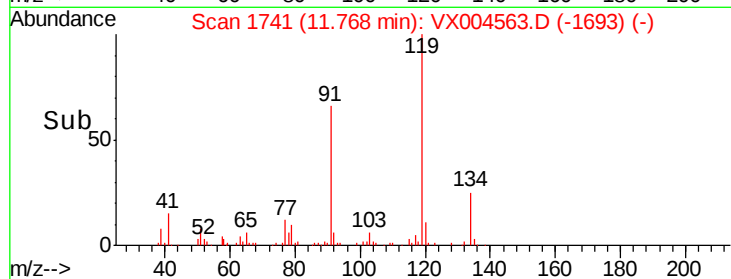
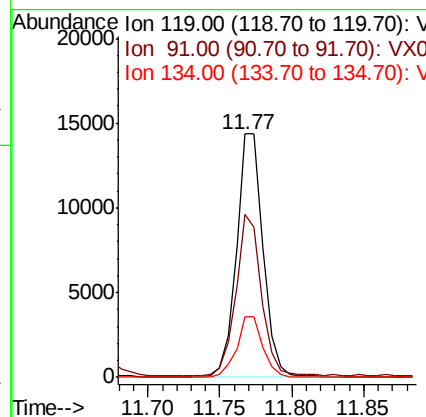
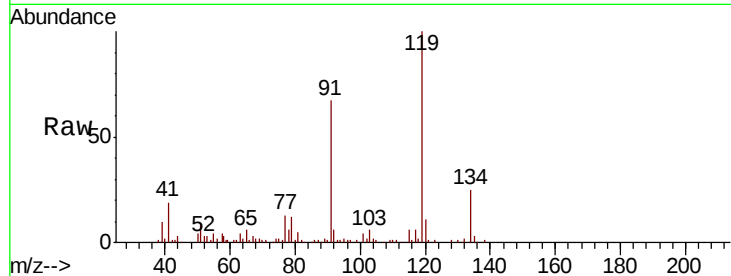




#83
 tert-Butylbenzene
 Concen: 2.00 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX004563.D
 Acq: 15 Sep 2018 04:56

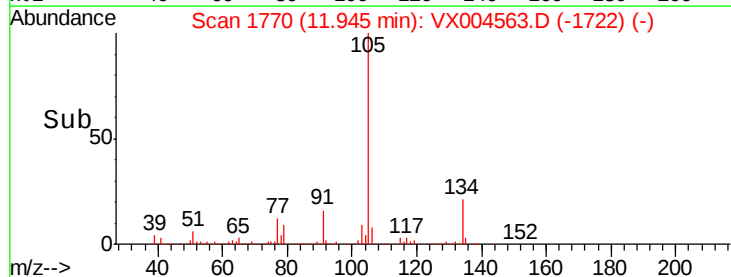
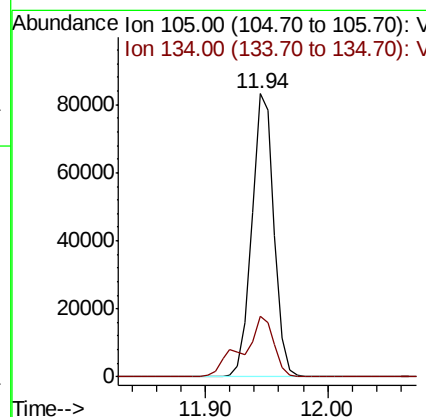
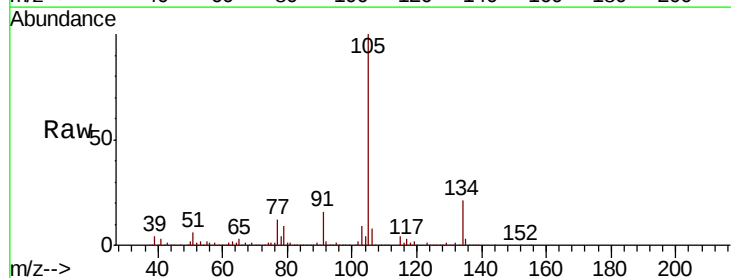
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0252

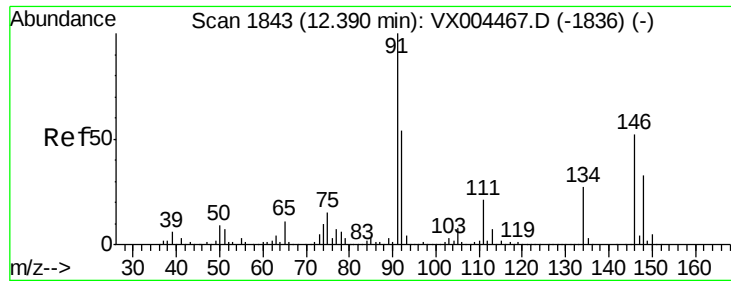
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	27.0	81.0
134	24.4	11.7	35.1



#85
 sec-Butylbenzene
 Concen: 8.81 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004563.D
 Acq: 15 Sep 2018 04:56

Tgt Ion	Ratio	Lower	Upper
105	100		
134	30.1	10.5	31.5

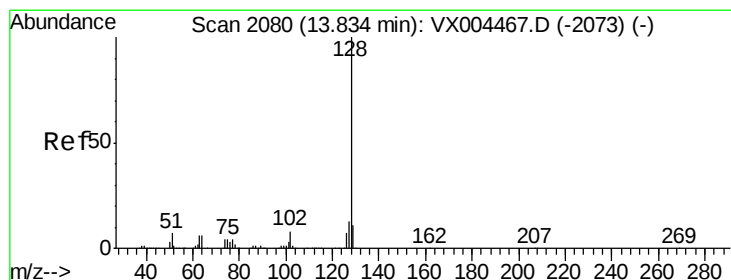
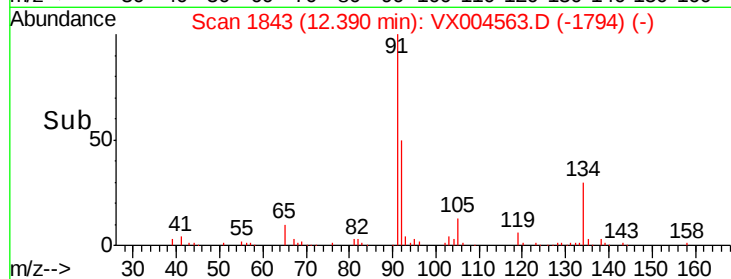
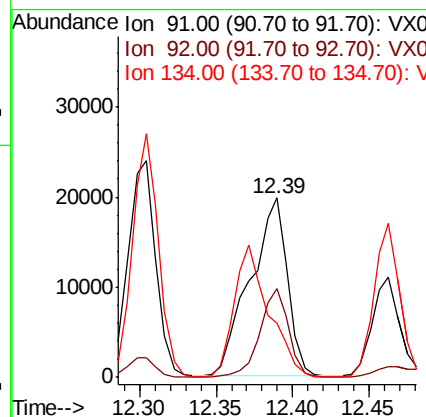
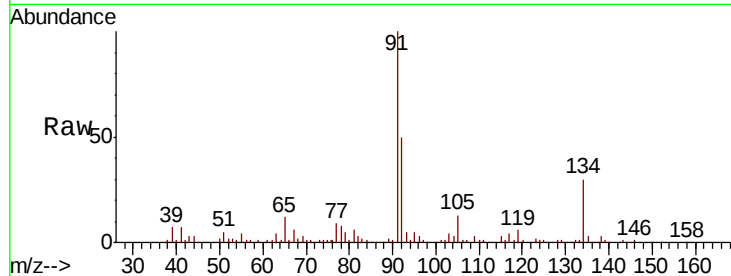




#89
n-Butylbenzene
Concen: 3.54 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004563.D
Acq: 15 Sep 2018 04:56

Instrument :
MSVOA_X
ClientSampleId :
S13-0252

Tot Ion: 91 Resp: 33864
Ion Ratio Lower Upper
91 100
92 38.2 27.3 81.9
134 68.2 13.6 40.7#



#95
Naphthalene
Concen: 8.12 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004563.D
Acq: 15 Sep 2018 04:56

Tgt Ion: 128 Resp: 98010
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.2
129 12.4 8.6 12.8

