

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005083.D
 Acq On : 05 Oct 2018 22:52
 Operator : JC/MD
 Sample : J5207-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

Quant Time: Oct 06 00:41:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200897	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	165969	52.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.88%	
35) Dibromofluoromethane	5.49	113	141634	48.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.38%	
50) Toluene-d8	8.72	98	505596	51.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	189219	53.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.52%	

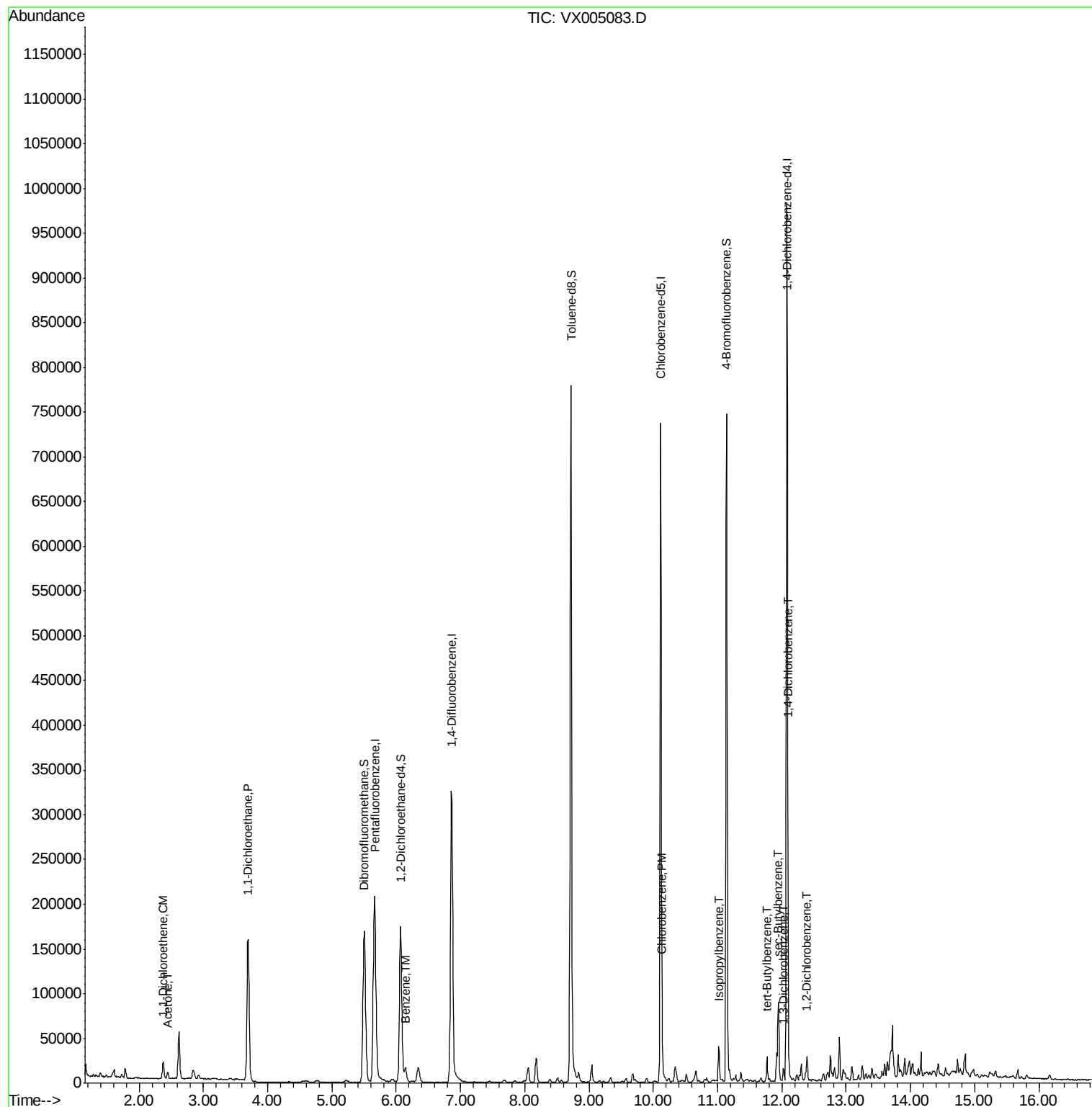
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	6586	2.743	ug/l	80
16) Acetone	2.45	43	8010	4.335	ug/l	93
24) 1,1-Dichloroethane	3.69	63	182263	34.641	ug/l	98
40) Benzene	6.15	78	17810	1.419	ug/l #	87
65) Chlorobenzene	10.14	112	4808	0.547	ug/l	92
73) Isopropylbenzene	11.02	105	19248	1.520	ug/l	100
83) tert-Butylbenzene	11.77	119	9892	0.949	ug/l	85
85) sec-Butylbenzene	11.94	105	46110	3.631	ug/l	84
87) 1,3-Dichlorobenzene	12.02	146	4314	0.628	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	19515	2.753	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	7426	1.035	ug/l	98

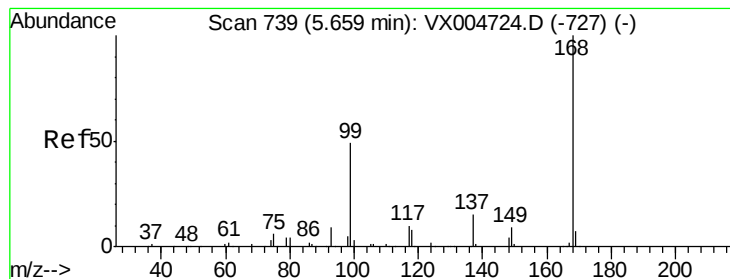
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 00:41:18 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

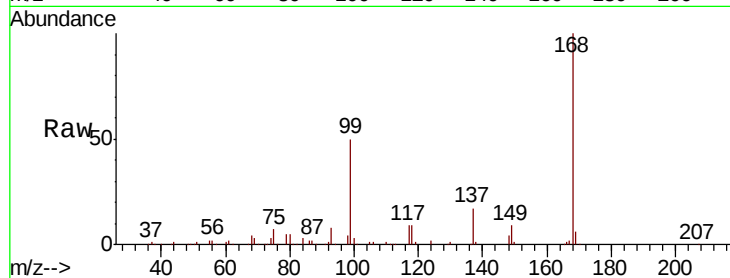
SA-TW511-3135

Tot Ion:168 Resp: 221557

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

80000

60000

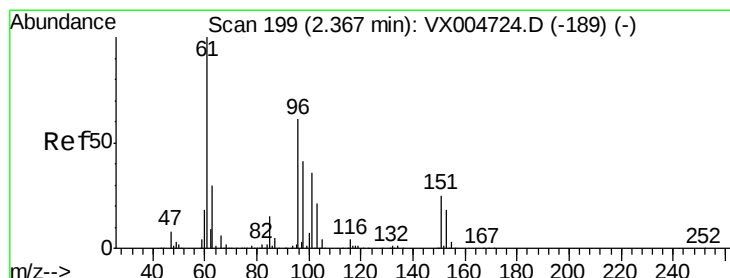
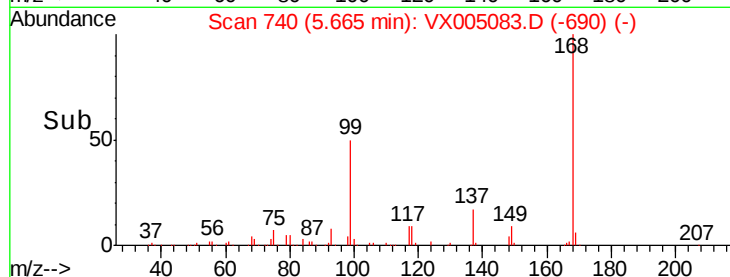
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 2.743 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

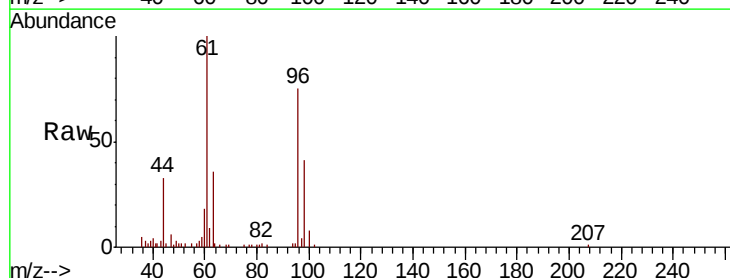
Tgt Ion: 96 Resp: 6586

Ion Ratio Lower Upper

96 100

61 133.8 130.2 195.4

98 55.2 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX004724.D (-189) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-189) (-)

Ion 97.90 (97.60 to 98.60): VX004724.D (-189) (-)

2.37

8000

6000

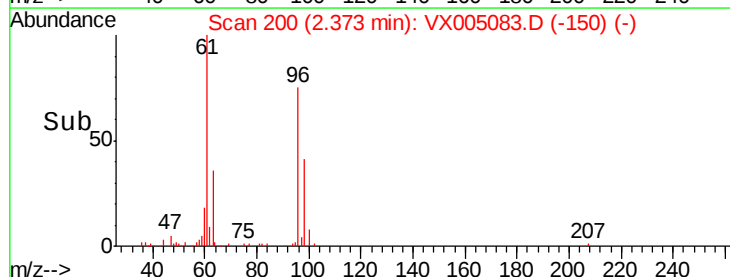
4000

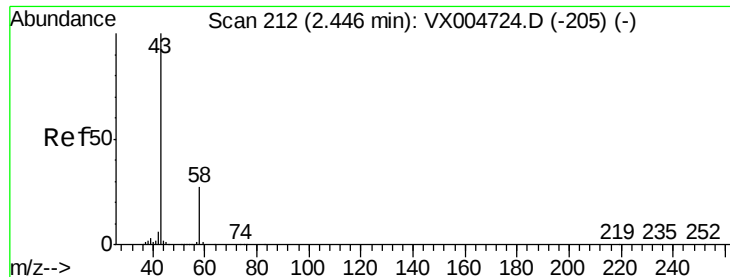
2000

0

Time-->

2.30 2.35 2.40 2.45





#16

Acetone

Concen: 4.335 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

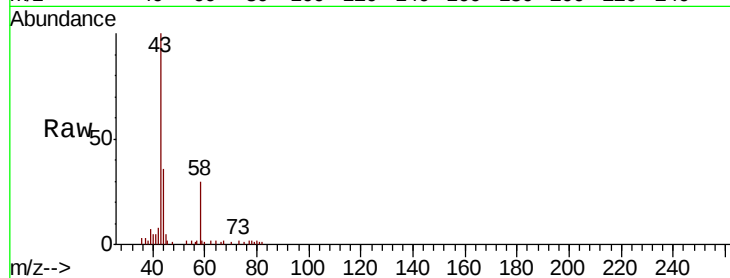
SA-TW511-3135

Tot Ion: 43 Resp: 8010

Ion Ratio Lower Upper

43 100

58 30.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

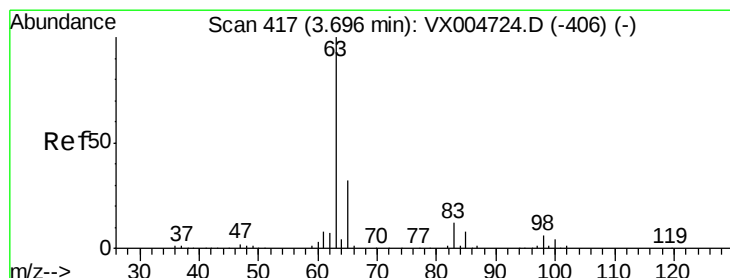
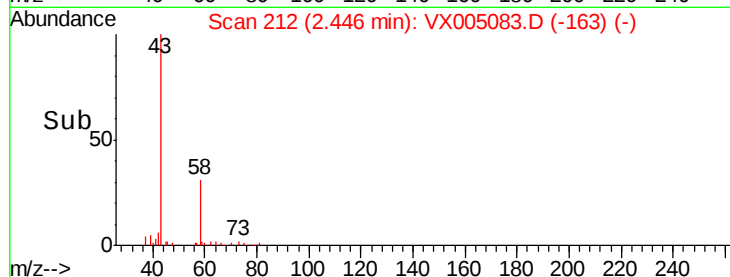
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#24

1,1-Dichloroethane

Concen: 34.641 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

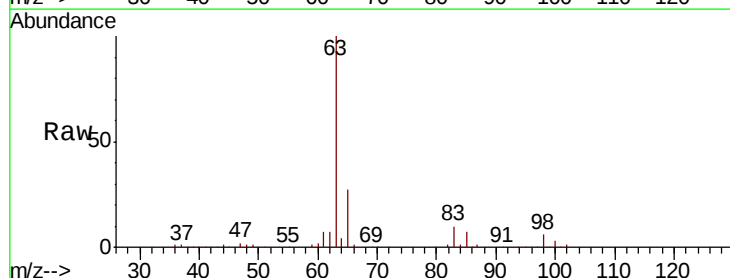
Tgt Ion: 63 Resp: 182263

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

100 3.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

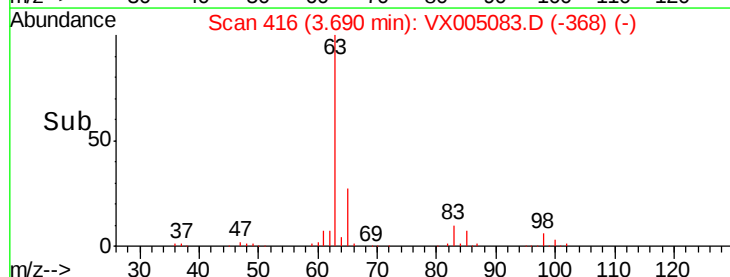
60000

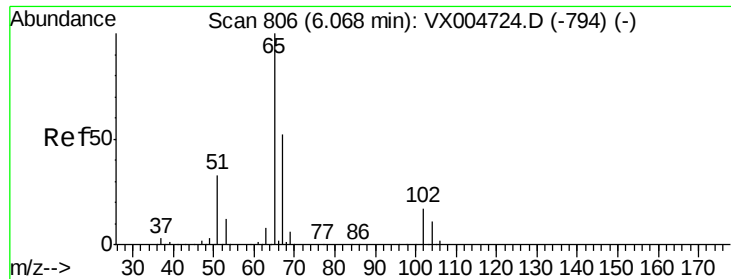
40000

20000

0

Time--> 3.60 3.70 3.80





#33

1,2-Dichloroethane-d4

Concen: 52.440 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

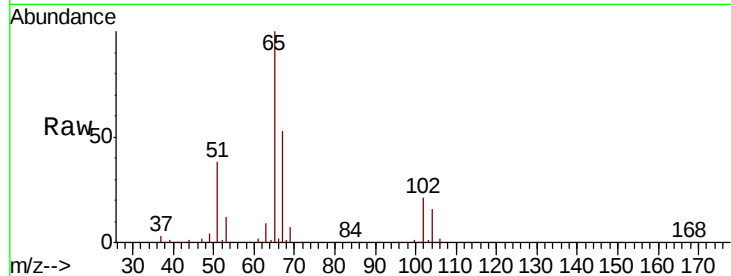
SA-TW511-3135

Tot Ion: 65 Resp: 165969

Ion Ratio Lower Upper

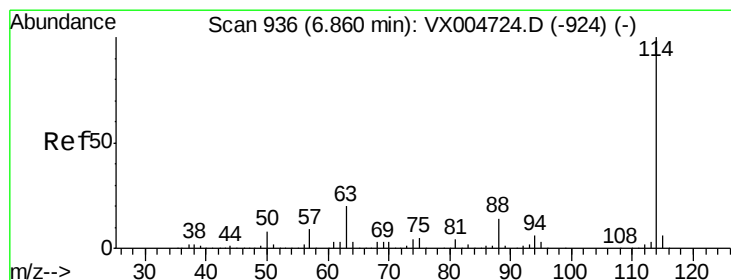
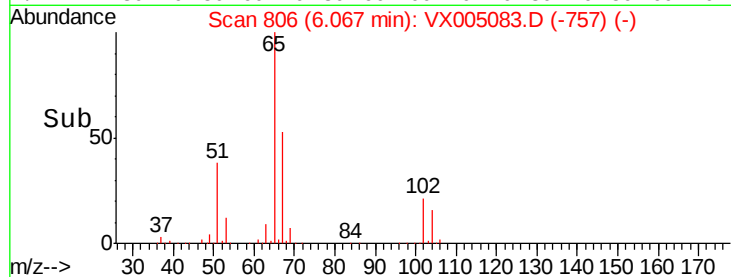
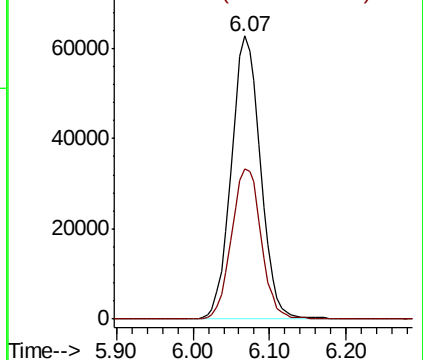
65 100

67 53.9 0.0 107.4



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

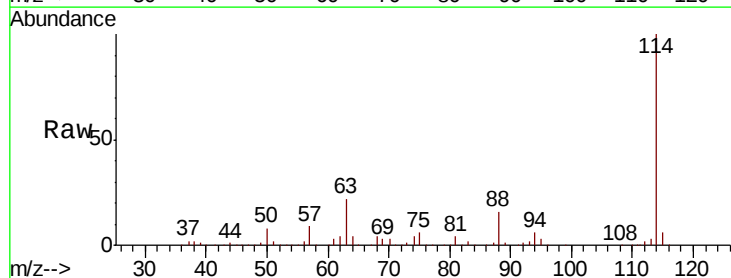
Tgt Ion: 114 Resp: 346772

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.8

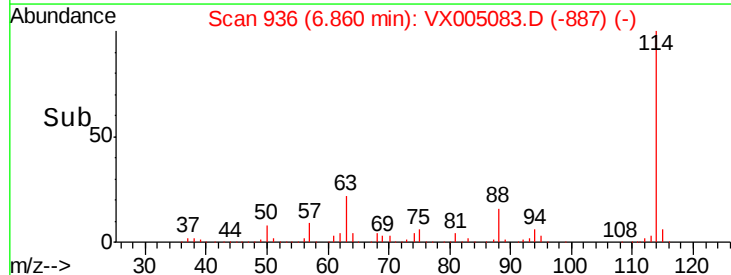
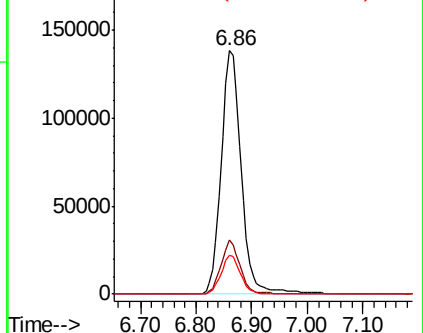
88 15.8 0.0 27.0

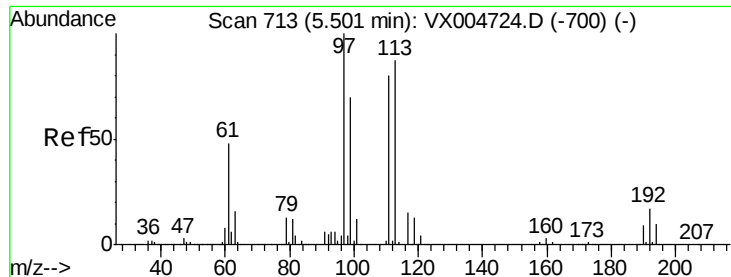


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.192 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-3135

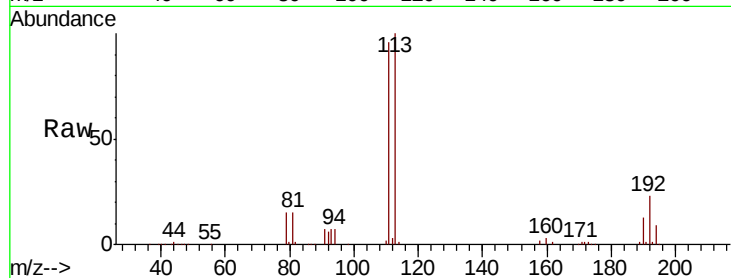
Tot Ion:113 Resp: 141634

Ion Ratio Lower Upper

113 100

111 105.6 77.0 115.4

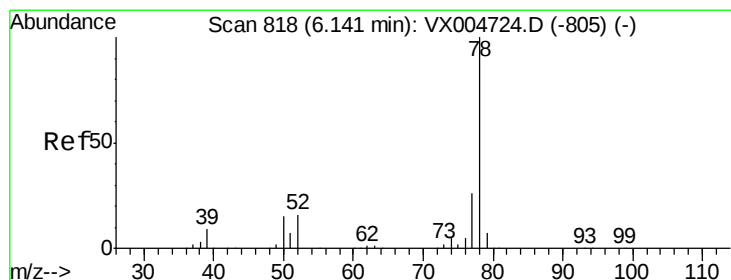
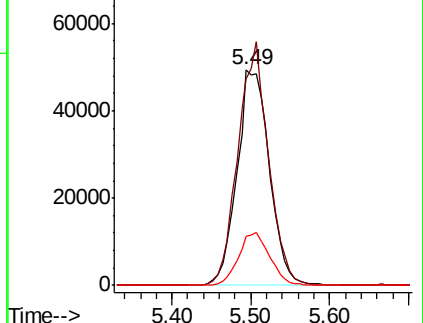
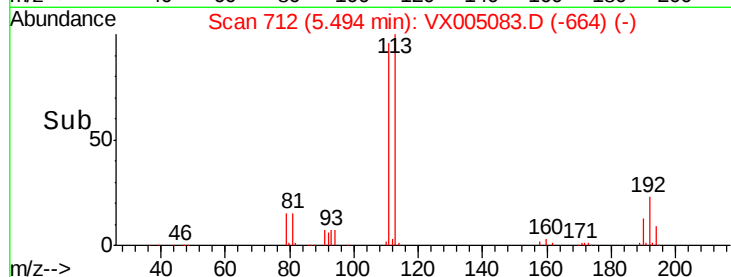
192 23.4 17.0 25.6



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



#40

Benzene

Concen: 1.419 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005083.D

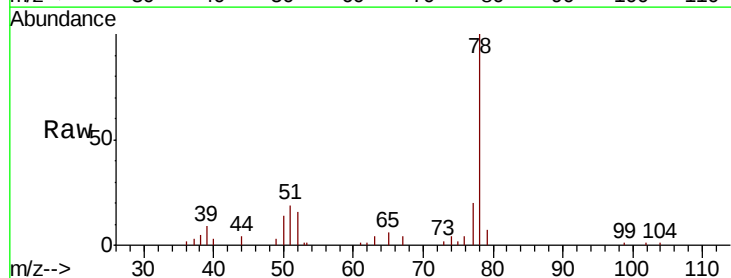
Acq: 05 Oct 2018 22:52

Tgt Ion: 78 Resp: 17810

Ion Ratio Lower Upper

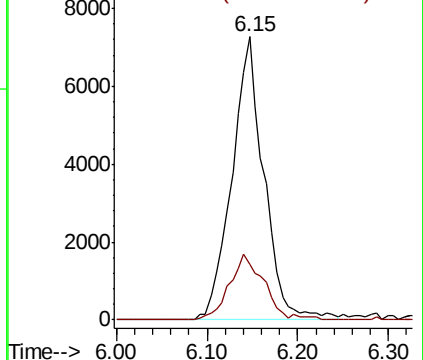
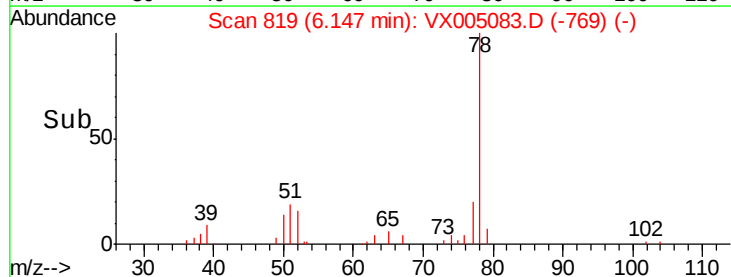
78 100

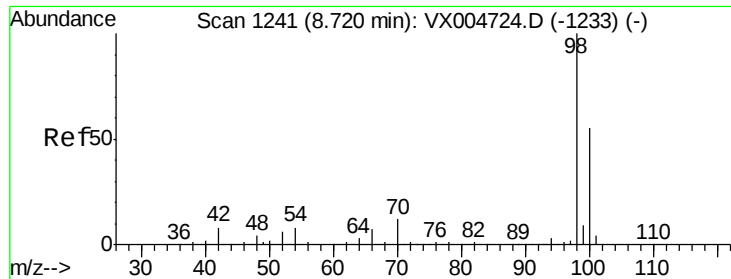
77 19.7 21.0 31.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

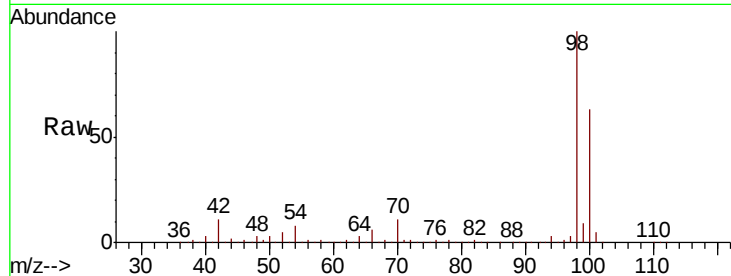




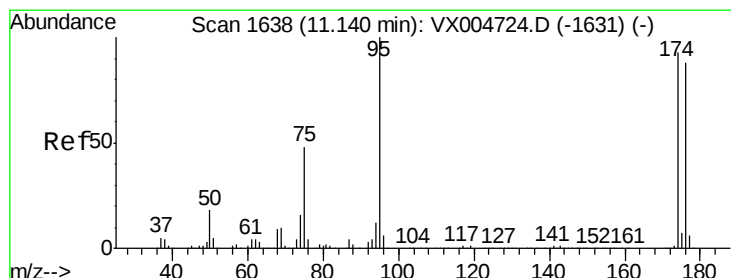
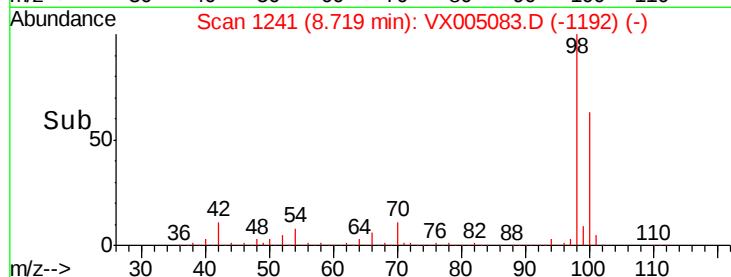
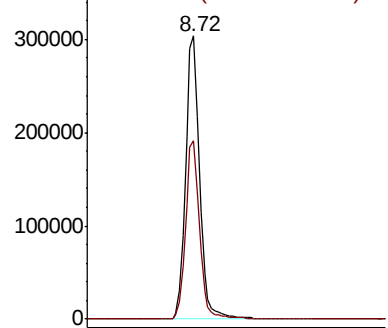
#50
Toluene-d8
Concen: 51.747 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

Tot Ion: 98 Resp: 505596
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

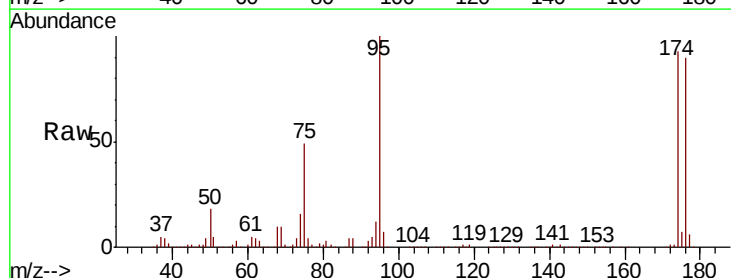


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

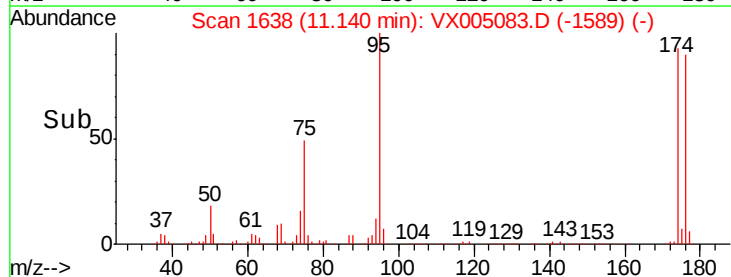
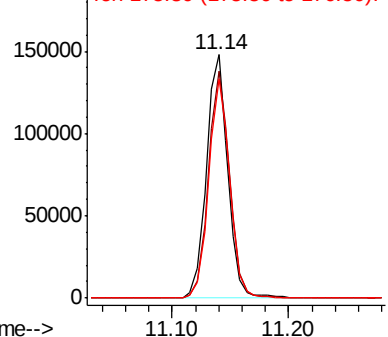


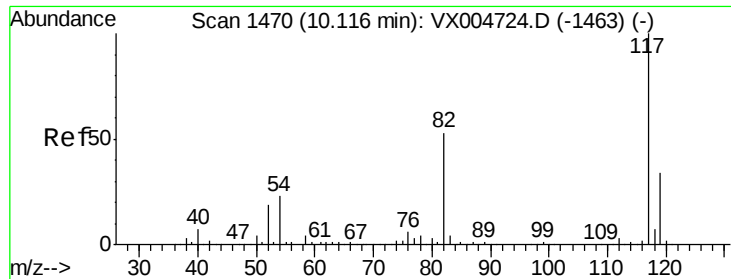
#62
4-Bromofluorobenzene
Concen: 53.757 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Tgt Ion: 95 Resp: 189219
Ion Ratio Lower Upper
95 100
174 92.2 0.0 185.0
176 88.4 0.0 180.2



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

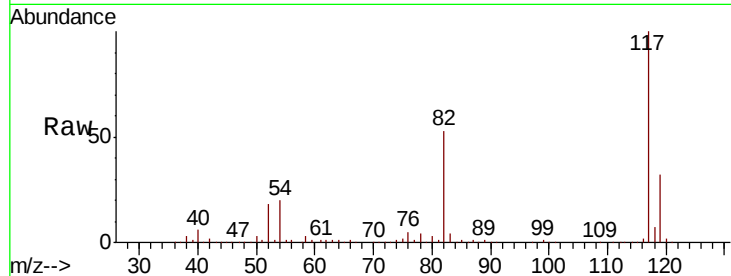




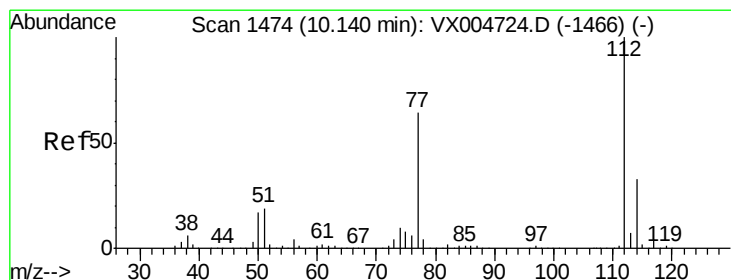
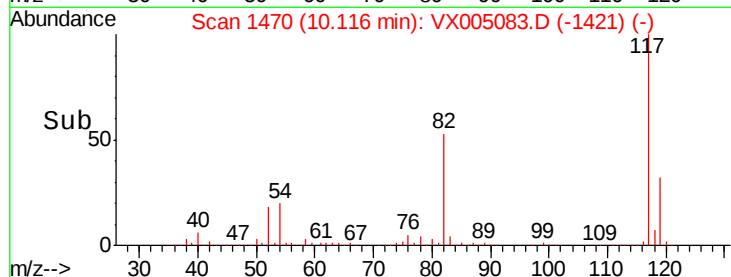
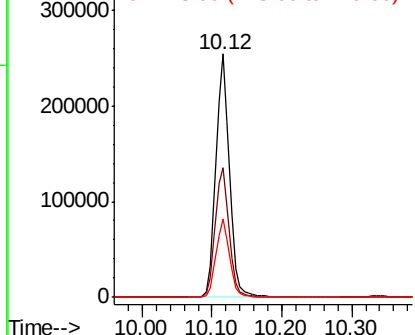
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

Tot Ion:117 Resp: 342578
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 32.2 27.4 41.0

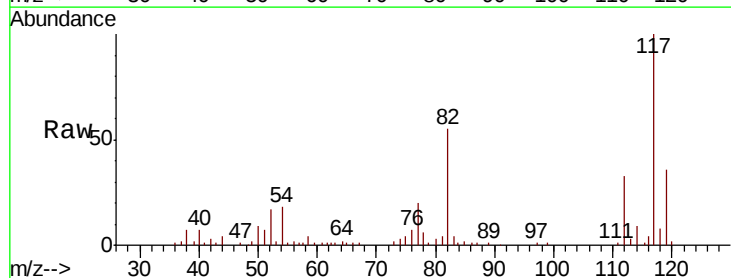


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

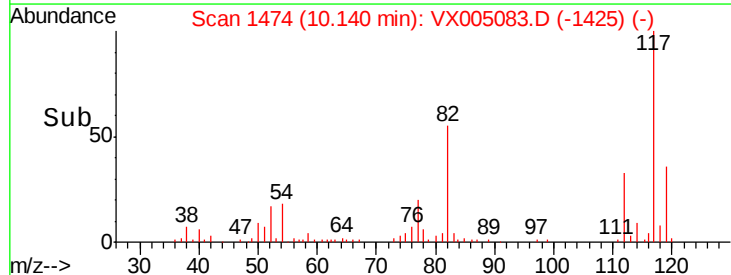
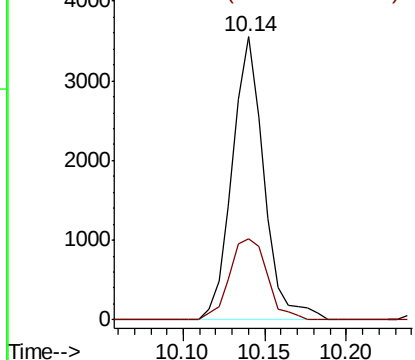


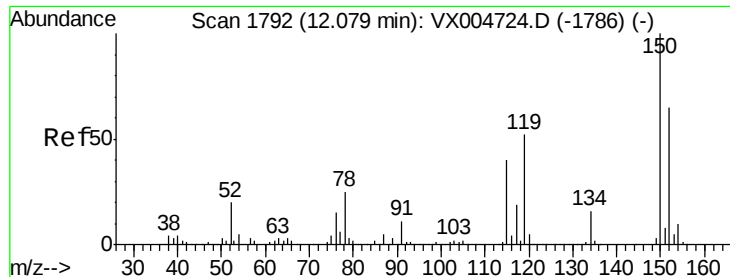
#65
Chlorobenzene
Concen: 0.547 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Tgt Ion:112 Resp: 4808
Ion Ratio Lower Upper
112 100
114 28.8 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



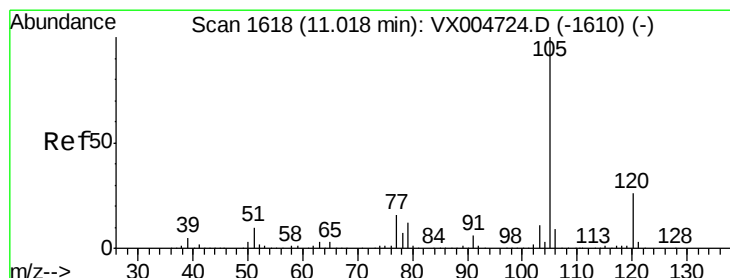
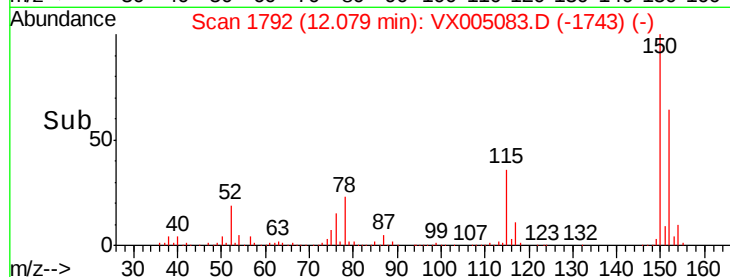
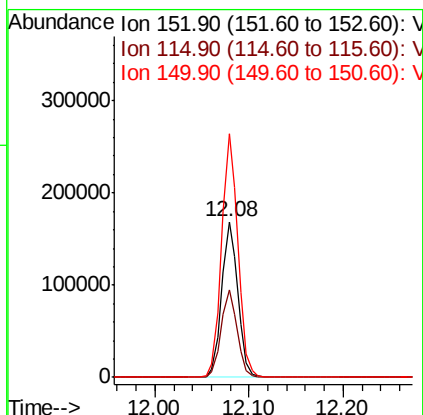
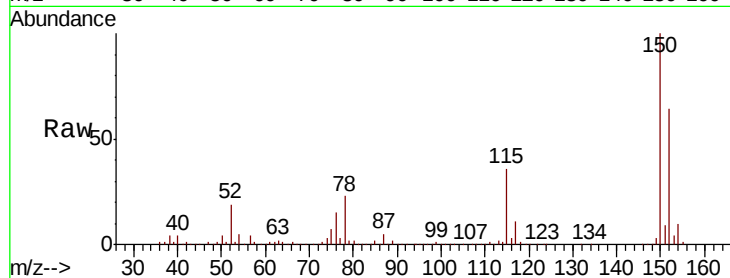


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

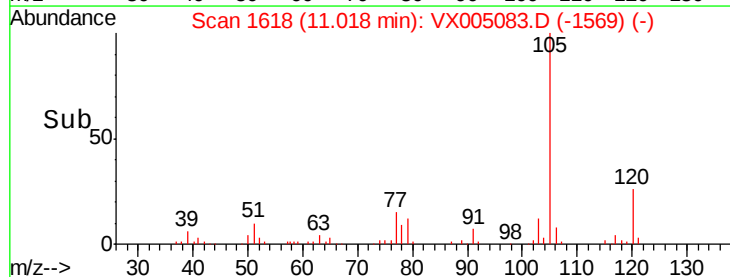
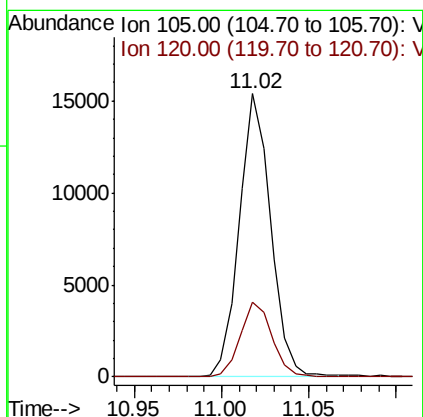
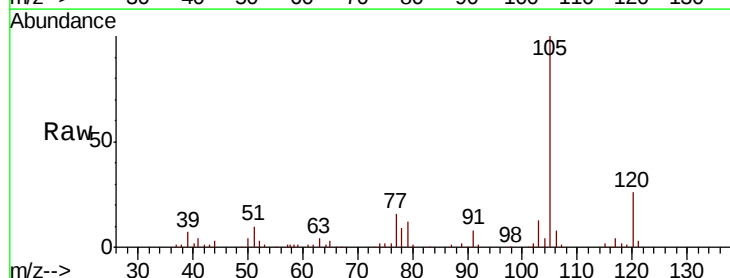
Tot Ion:152 Resp: 200897
Ion Ratio Lower Upper
152 100
115 55.6 40.2 120.6
150 157.4 0.0 351.0

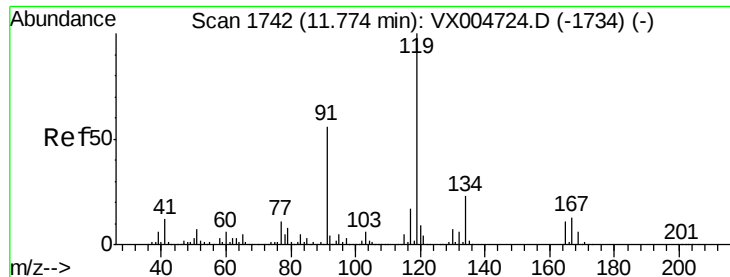


#73

Isopropylbenzene
Concen: 1.520 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Tgt Ion:105 Resp: 19248
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

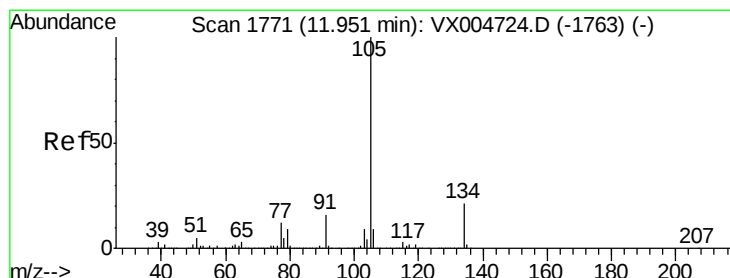
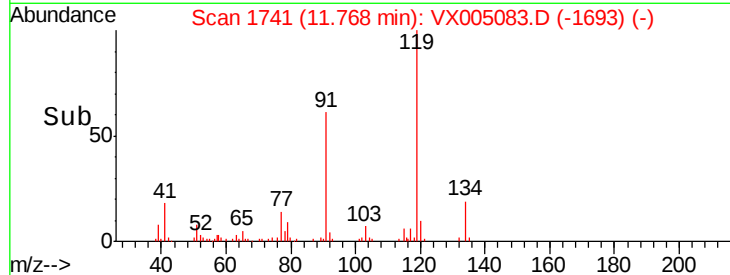
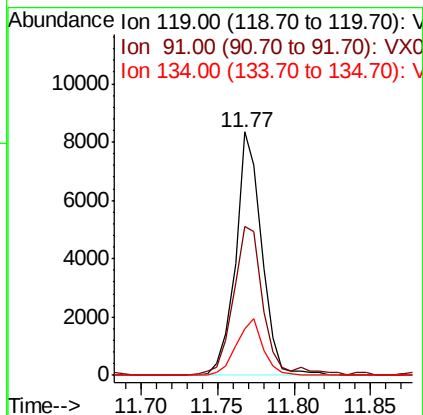
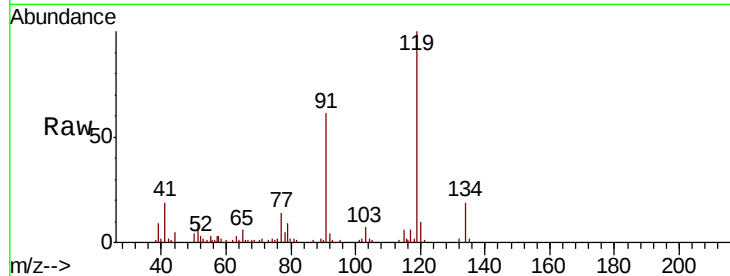




#83
tert-Butylbenzene
Concen: 0.949 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

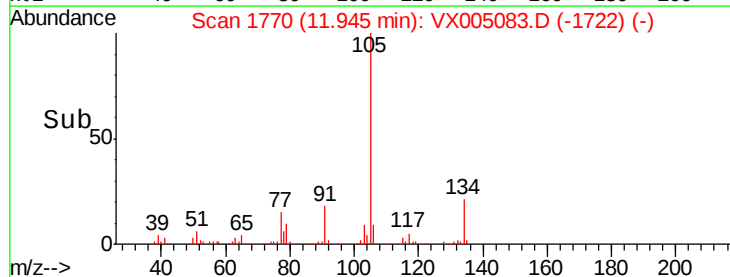
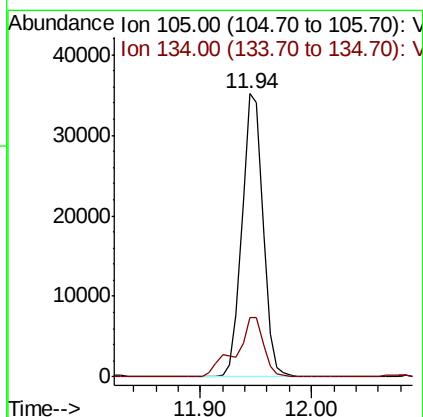
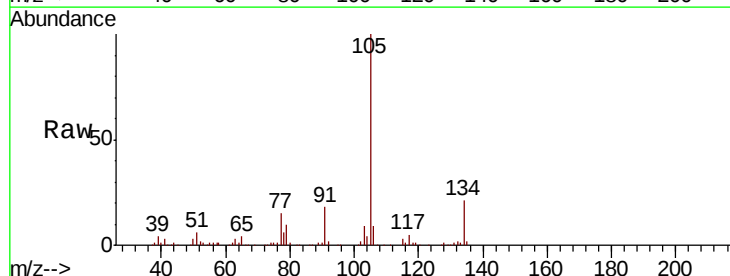
Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-3135

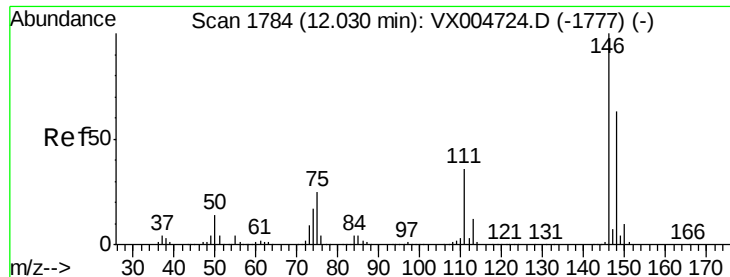
Tot Ion:119 Resp: 9892
Ion Ratio Lower Upper
119 100
91 70.3 27.5 82.5
134 23.3 11.5 34.4



#85
sec-Butylbenzene
Concen: 3.631 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX005083.D
Acq: 05 Oct 2018 22:52

Tgt Ion:105 Resp: 46110
Ion Ratio Lower Upper
105 100
134 27.8 10.2 30.4





#87

1,3-Dichlorobenzene

Concen: 0.628 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-3135

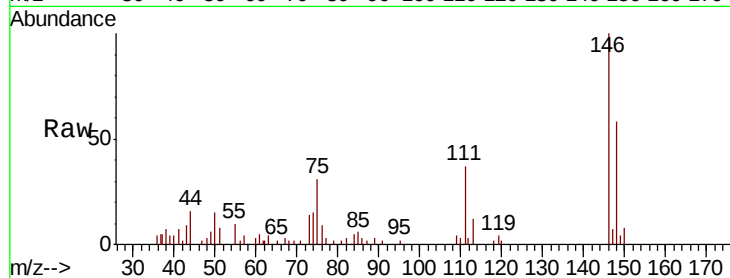
Tot Ion:146 Resp: 4314

Ion Ratio Lower Upper

146 100

111 41.3 18.9 56.9

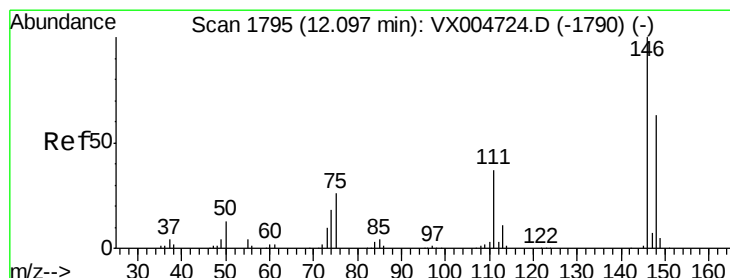
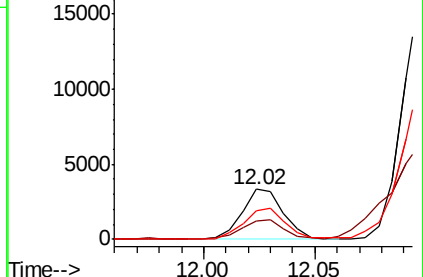
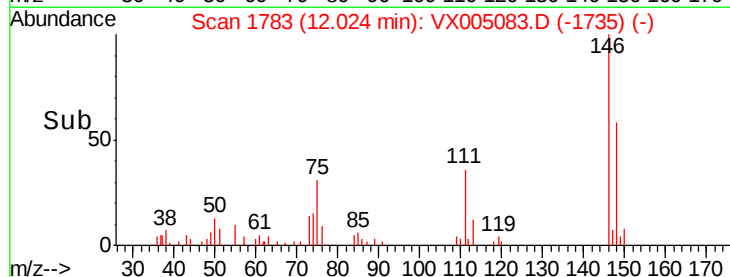
148 63.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 2.753 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005083.D

Acq: 05 Oct 2018 22:52

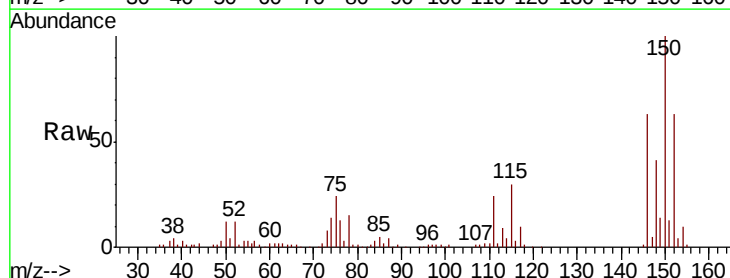
Tgt Ion:146 Resp: 19515

Ion Ratio Lower Upper

146 100

111 49.9 18.4 55.2

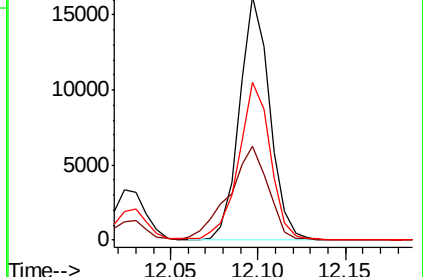
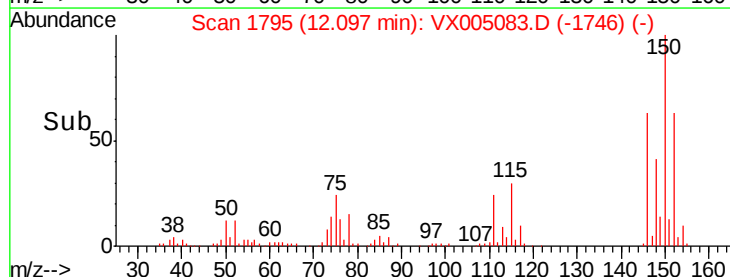
148 69.2 32.0 96.0

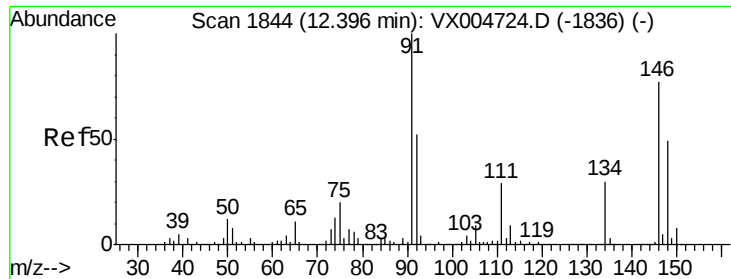


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91
 1,2-Dichlorobenzene
 Concen: 1.035 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005083.D
 Acq: 05 Oct 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-3135

Tot Ion:146 Resp: 7426
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.7
 148 62.5 31.8 95.4

