

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005507.D
 Acq On : 23 Oct 2018 08:33
 Operator : JC/MD
 Sample : J5603-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT113

Quant Time: Oct 23 13:22:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

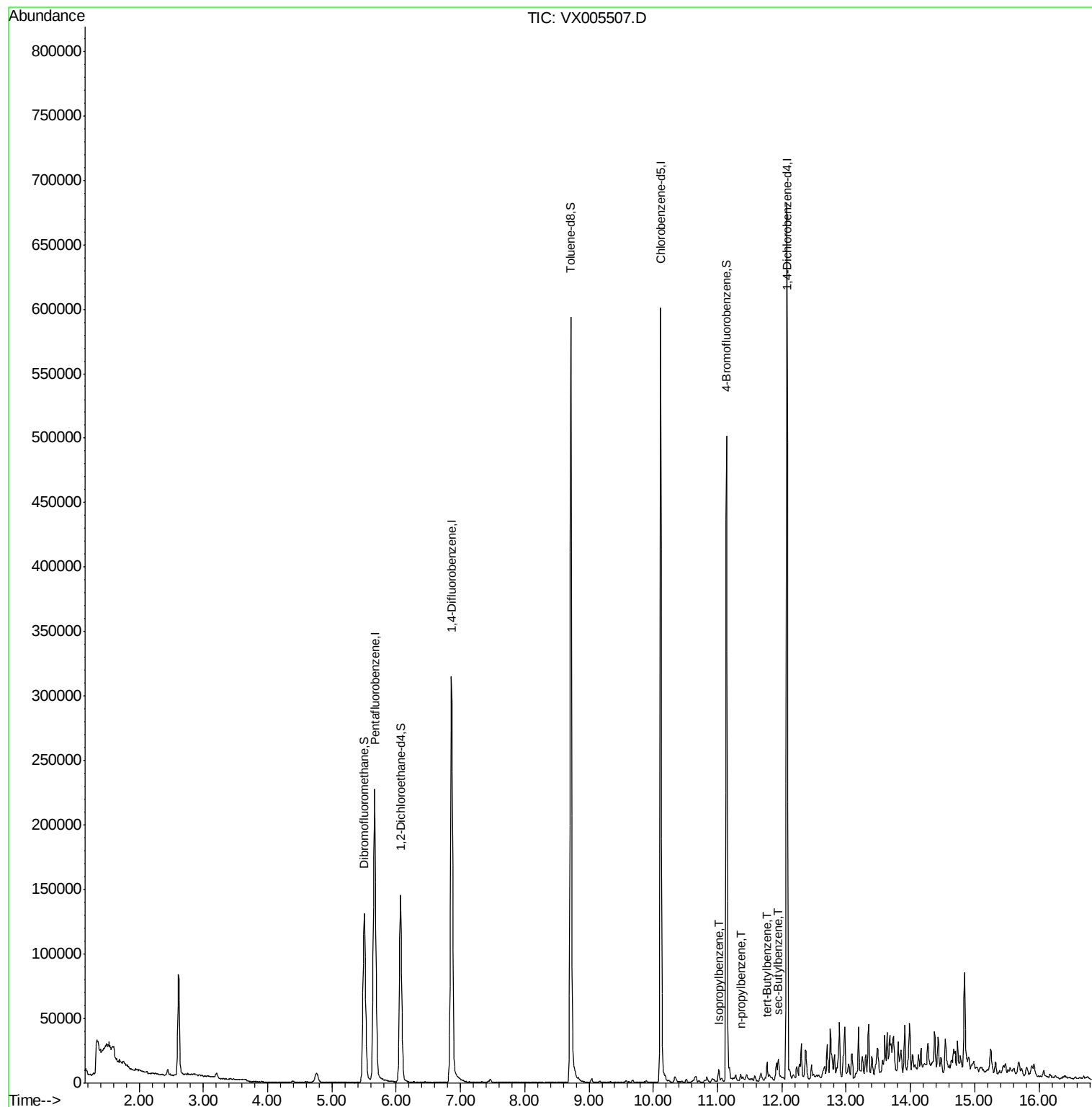
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137337	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
35) Dibromofluoromethane	5.50	113	112101	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
50) Toluene-d8	8.72	98	376605	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	127500	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
73) Isopropylbenzene	11.02	105	4556	0.544	ug/l	97
78) n-propylbenzene	11.36	91	3057	0.317	ug/l	99
83) tert-Butylbenzene	11.77	119	5093	0.701	ug/l	85
85) sec-Butylbenzene	11.94	105	5020	0.584	ug/l	97

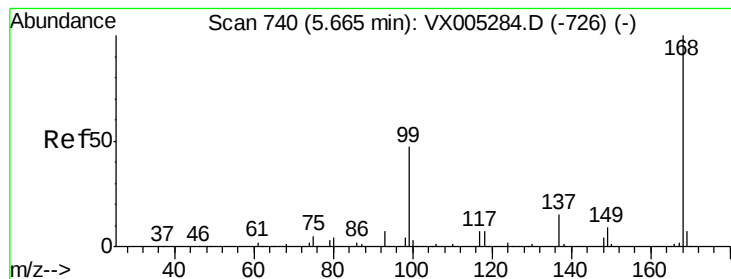
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005507.D

Acq: 23 Oct 2018 08:33

Instrument :

MSVOA_X

ClientSampleId :

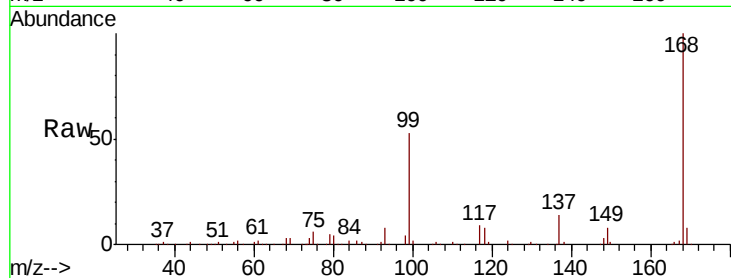
RAV-GT113

Tot Ion:168 Resp: 216483

Ion Ratio Lower Upper

168 100

99 52.7 39.9 59.9

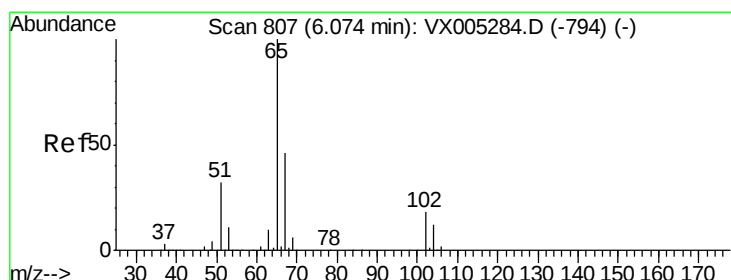
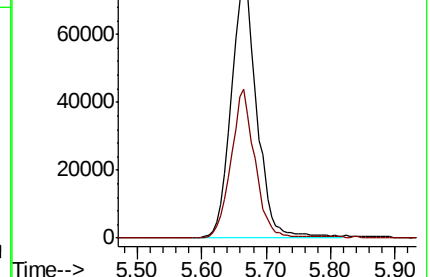
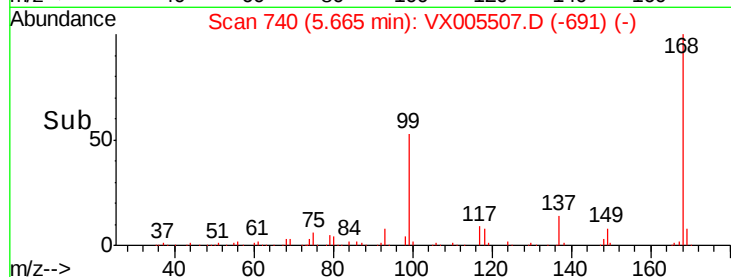


Abundance Ion 167.90 (167.60 to 168.60): VX005507.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX005507.D (-726) (-)

5.67

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.161 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005507.D

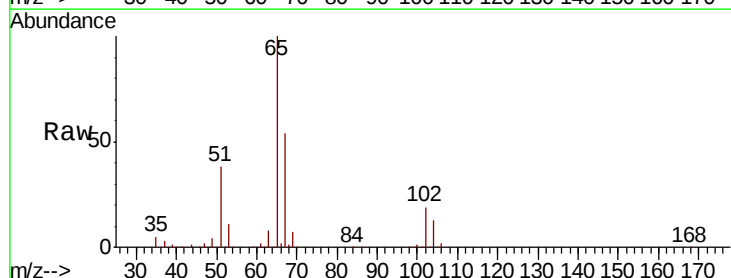
Acq: 23 Oct 2018 08:33

Tgt Ion: 65 Resp: 137337

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8

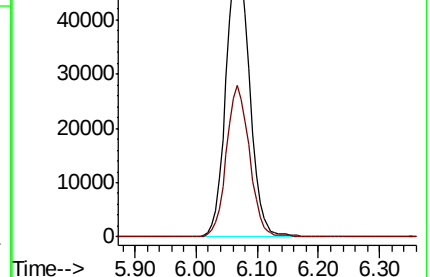
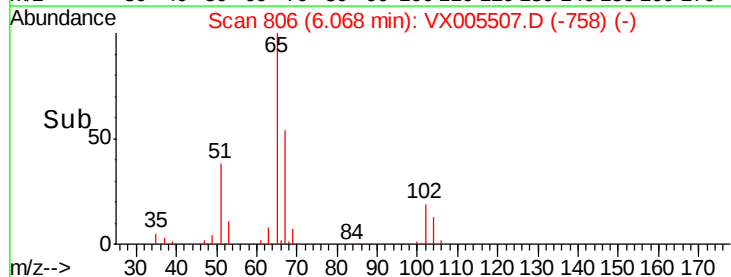


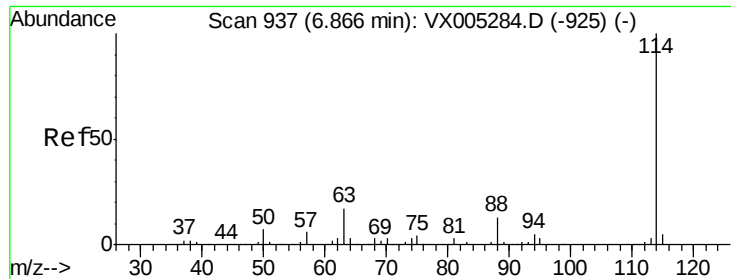
Abundance Ion 64.90 (64.60 to 65.60): VX005507.D (-758) (-)

Ion 66.90 (66.60 to 67.60): VX005507.D (-758) (-)

6.07

Time-->

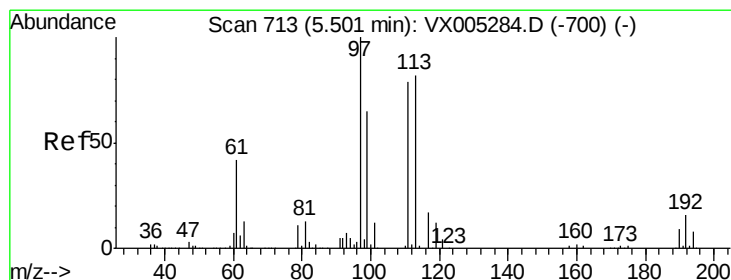
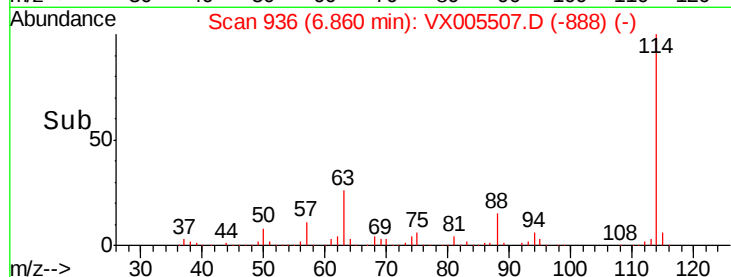
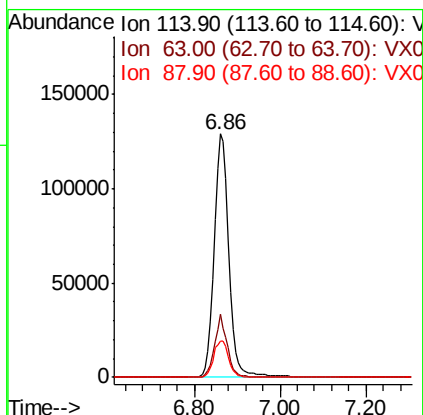
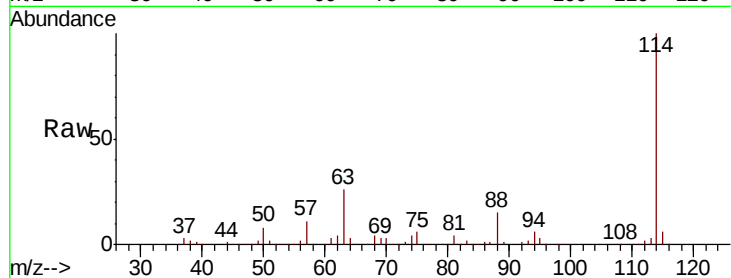




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005507.D
 Acq: 23 Oct 2018 08:33

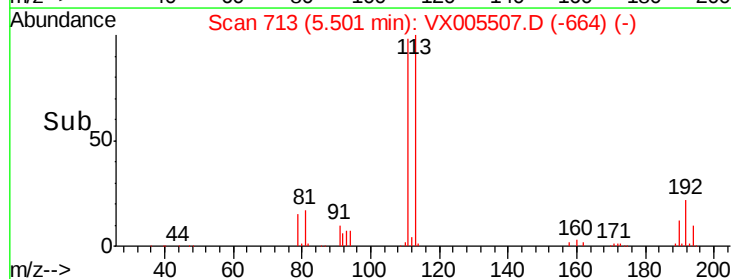
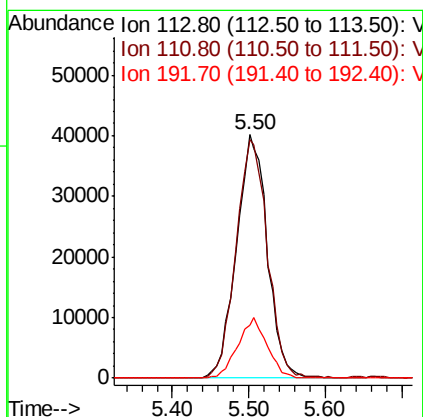
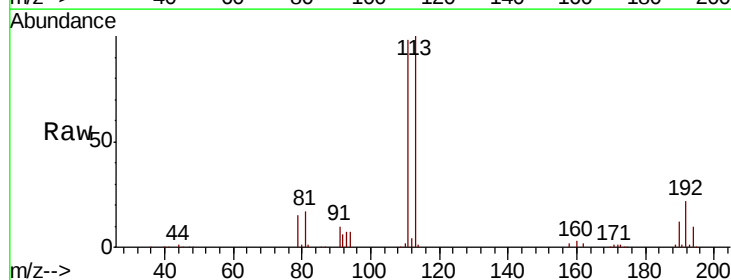
Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT113

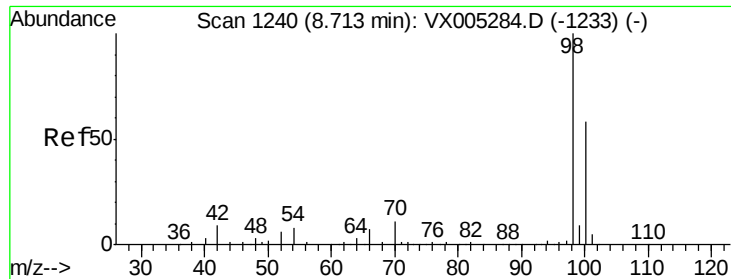
Tot Ion:114 Resp: 314464
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 39.0
 88 15.1 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.823 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005507.D
 Acq: 23 Oct 2018 08:33

Tgt Ion:113 Resp: 112101
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.4 123.6
 192 23.6 19.4 29.2

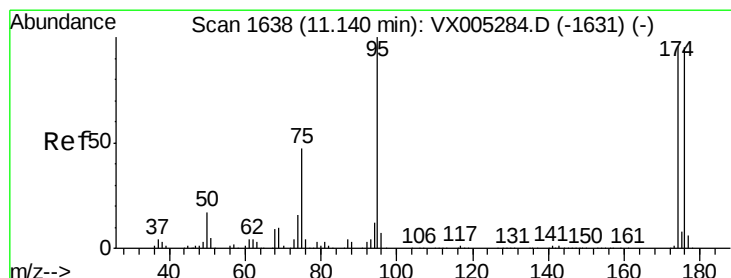
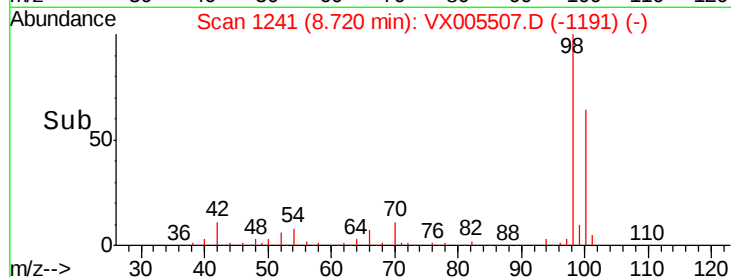
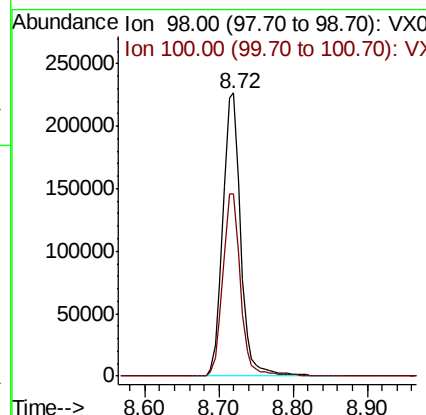
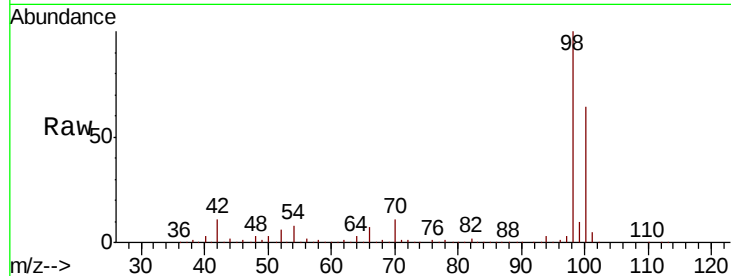




#50
Toluene-d8
Concen: 52.670 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005507.D
Acq: 23 Oct 2018 08:33

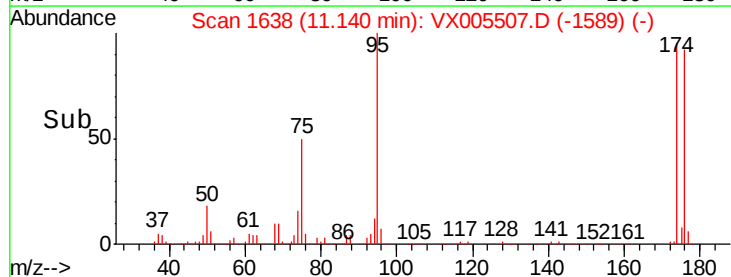
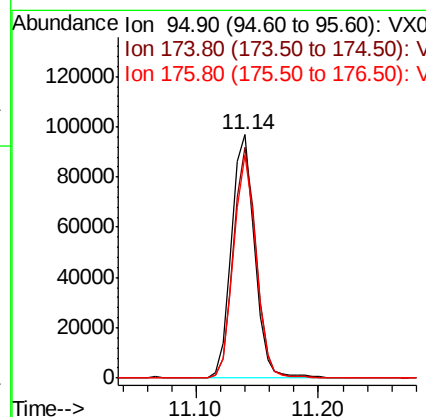
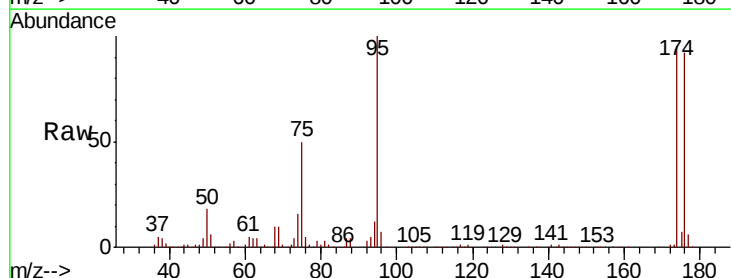
Instrument :
MSVOA_X
ClientSampled :
RAV-GT113

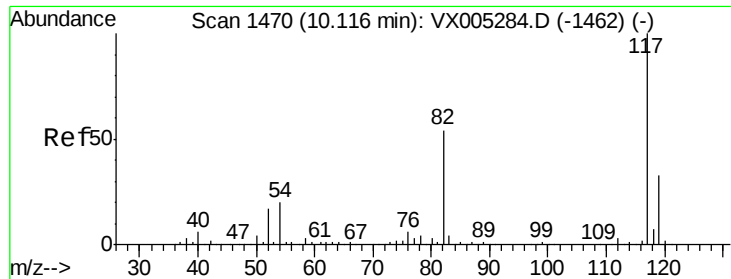
Tot Ion: 98 Resp: 376605
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005507.D
Acq: 23 Oct 2018 08:33

Tgt Ion: 95 Resp: 127500
Ion Ratio Lower Upper
95 100
174 92.5 0.0 185.2
176 88.8 0.0 178.6

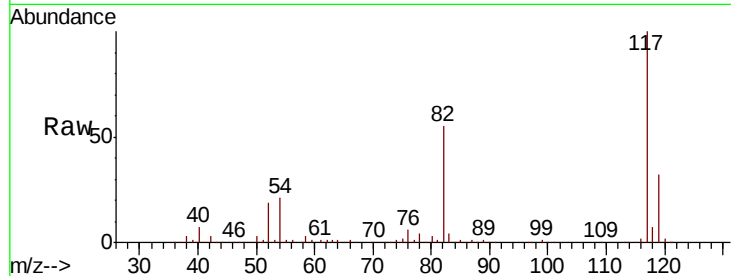




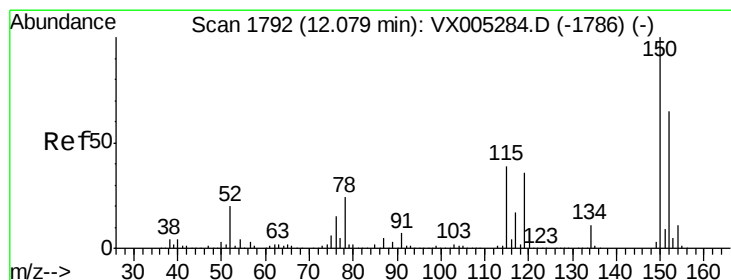
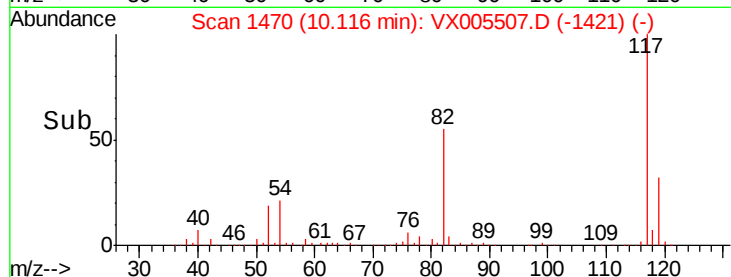
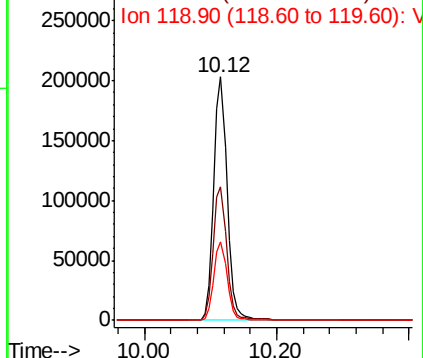
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX005507.D
 Acq: 23 Oct 2018 08:33

Instrument :
 MSVOA_X
 ClientSampled :
 RAV-GT113

Tot Ion:117 Resp: 282474
 Ion Ratio Lower Upper
 117 100
 82 54.8 47.8 71.6
 119 32.1 29.3 43.9

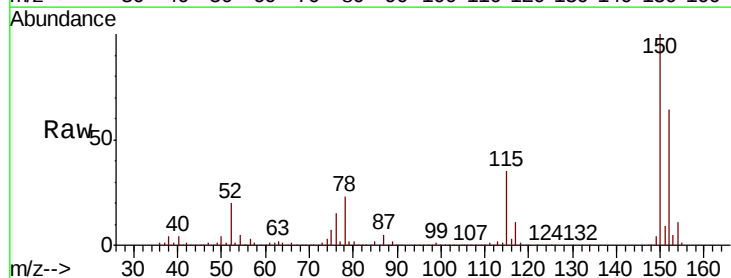


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

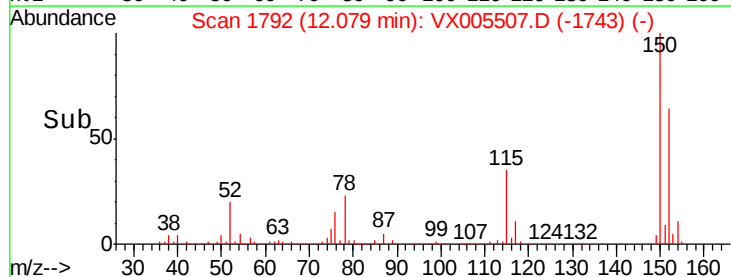
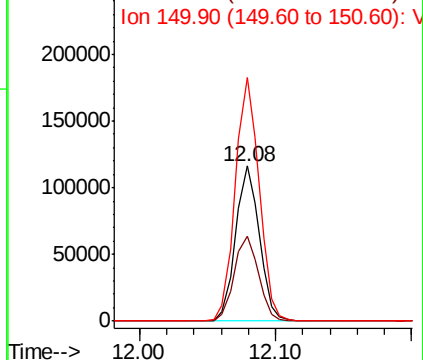


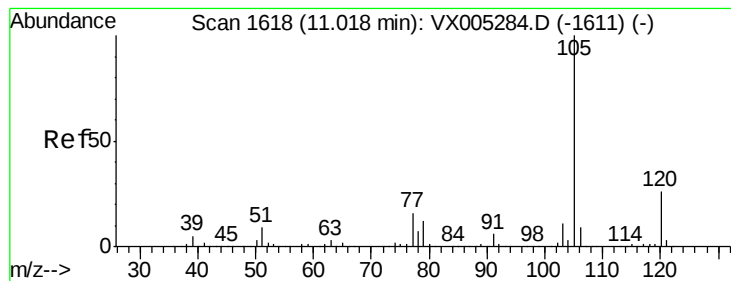
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005507.D
 Acq: 23 Oct 2018 08:33

Tgt Ion:152 Resp: 140987
 Ion Ratio Lower Upper
 152 100
 115 56.3 39.0 117.0
 150 158.1 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: 0.544 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005507.D

Acq: 23 Oct 2018 08:33

Instrument :

MSVOA_X

ClientSampleId :

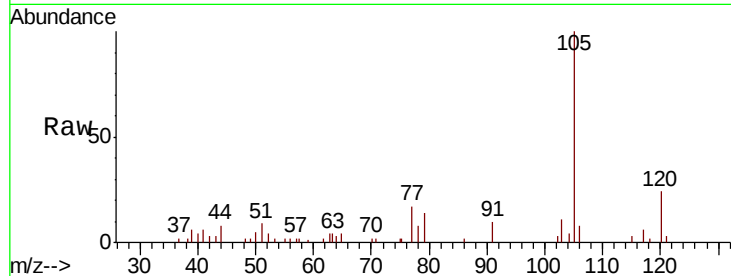
RAV-GT113

Tot Ion: 105 Resp: 4556

Ion Ratio Lower Upper

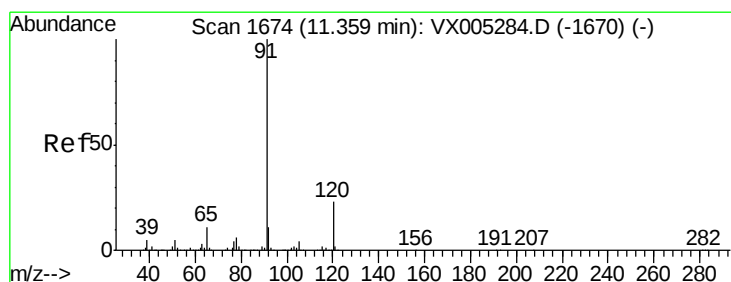
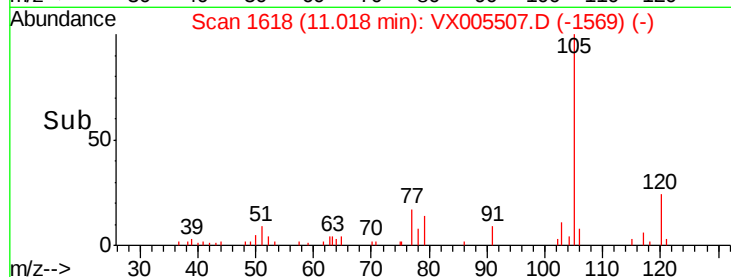
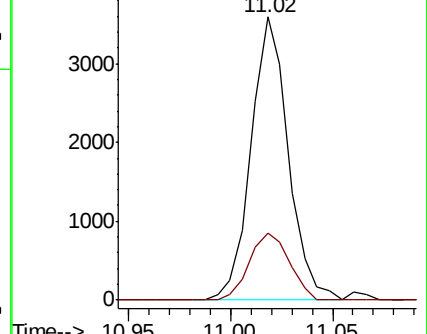
105 100

120 25.3 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: 0.317 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005507.D

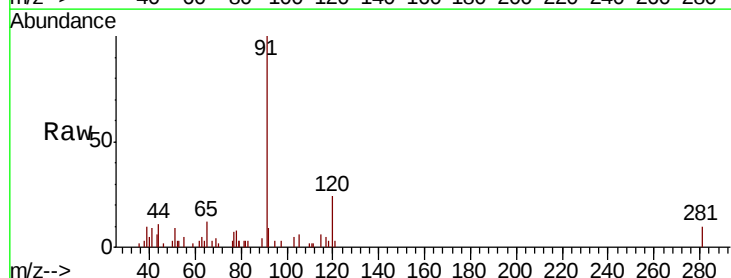
Acq: 23 Oct 2018 08:33

Tgt Ion: 91 Resp: 3057

Ion Ratio Lower Upper

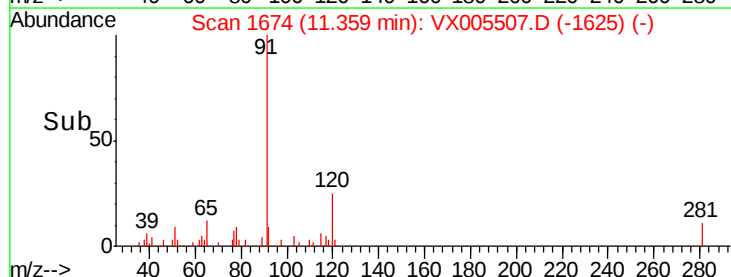
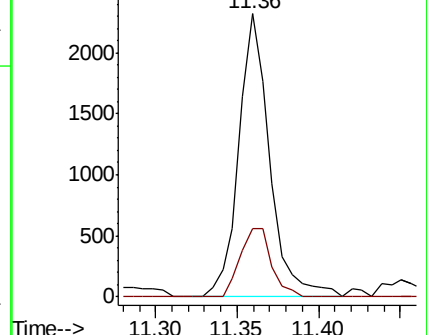
91 100

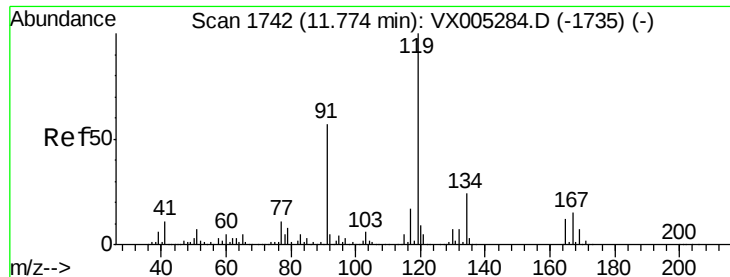
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

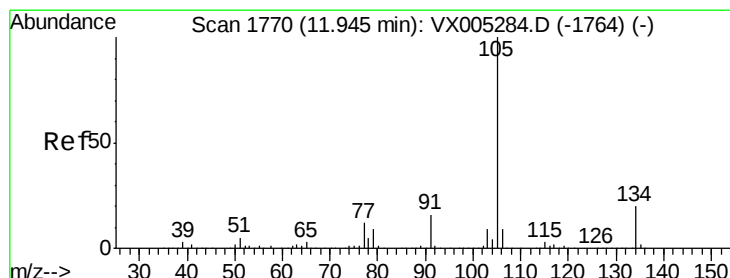
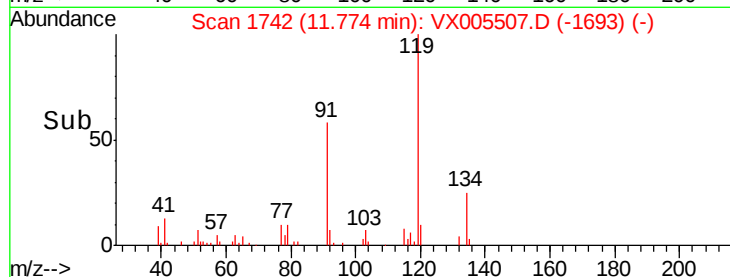
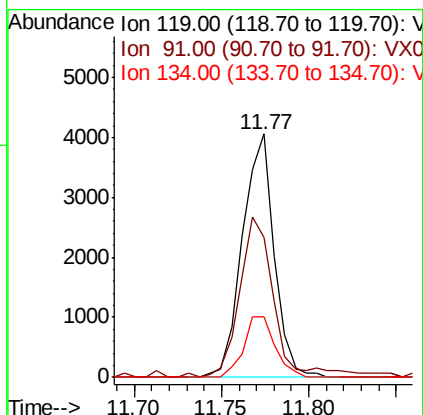
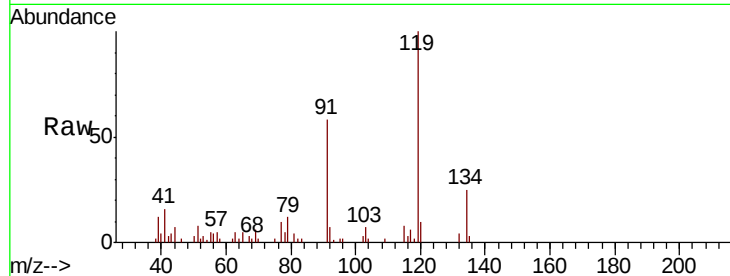




#83
tert-Butylbenzene
Concen: 0.701 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005507.D
Acq: 23 Oct 2018 08:33

Instrument :
MSVOA_X
ClientSampleId :
RAV-GT113

Tot Ion:119 Resp: 5093
Ion Ratio Lower Upper
119 100
91 68.3 27.0 81.0
134 24.7 11.7 35.1



#85
sec-Butylbenzene
Concen: 0.584 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX005507.D
Acq: 23 Oct 2018 08:33

Tgt Ion:105 Resp: 5020
Ion Ratio Lower Upper
105 100
134 19.6 10.5 31.5

