

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012234.D
 Acq On : 08 Sep 2019 20:24
 Operator : SY/SP
 Sample : K4622-20
 Misc : 4.50g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-C1-(0)

Quant Time: Sep 09 01:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	168034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	51419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	89926	47.44	ug/l	0.00
Spiked Amount						
				Recovery	=	94.88%
35) Dibromofluoromethane	5.48	113	68495	48.41	ug/l	0.00
Spiked Amount						
				Recovery	=	96.82%
50) Toluene-d8	8.71	98	263291	50.71	ug/l	0.00
Spiked Amount						
				Recovery	=	101.42%
62) 4-Bromofluorobenzene	11.14	95	76967	31.88	ug/l	0.00
Spiked Amount						
				Recovery	=	63.76%

Target Compounds

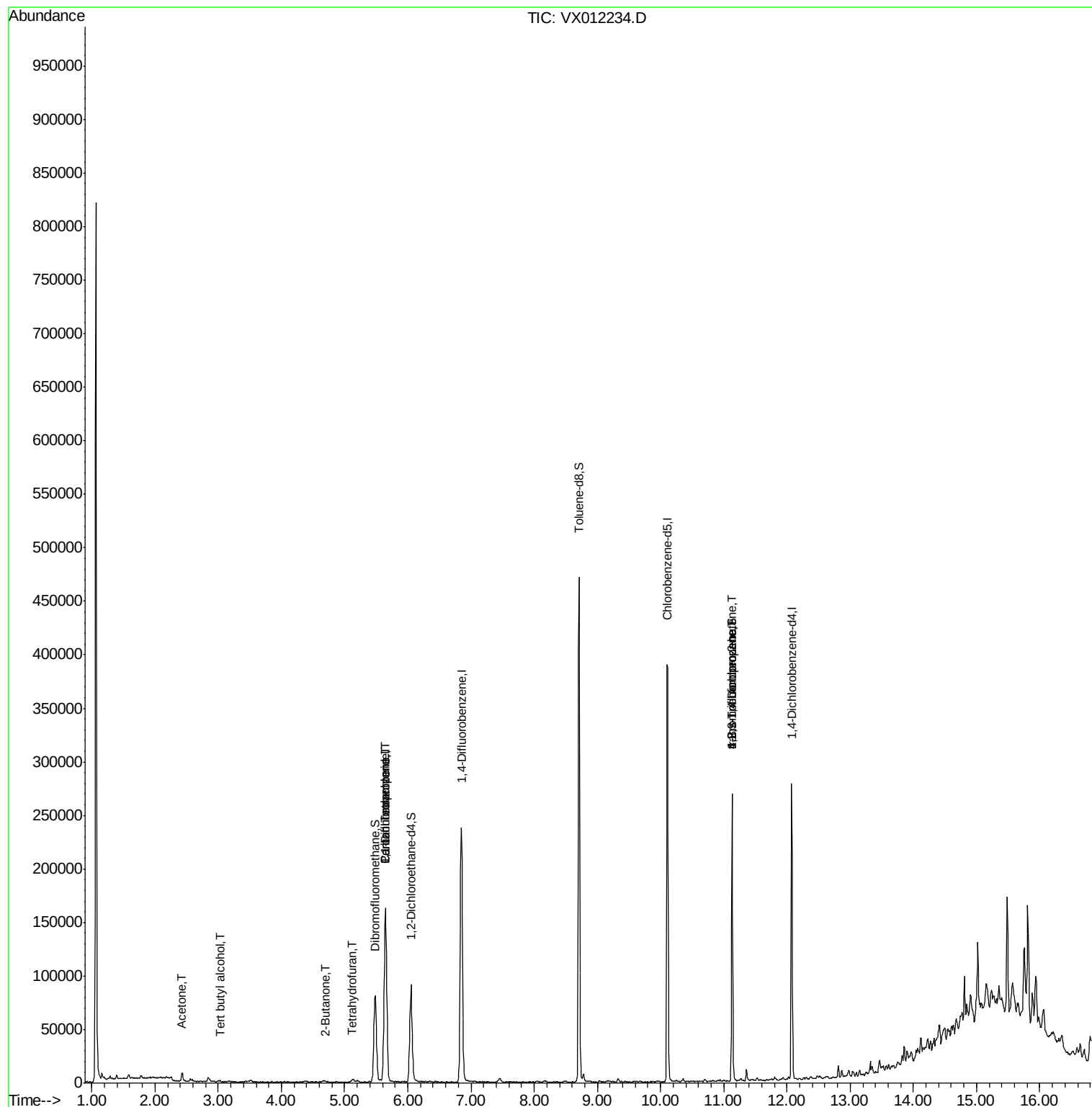
					Qvalue	
11) Tert butyl alcohol	3.03	59	856	4.701	ug/l #	88
13) Acrolein	2.30	56	140	Below	Cal	99
16) Acetone	2.42	43	8665	19.123	ug/l	99
25) 2-Butanone	4.70	43	660	1.144	ug/l #	65
29) Tetrahydrofuran	5.12	42	2865	8.244	ug/l #	87
36) 1,1-Dichloropropene	5.65	75	12702	6.268	ug/l #	49
38) Carbon Tetrachloride	5.65	117	16082	7.532	ug/l #	14
76) 1,2,3-Trichloropropane	11.13	75	40714	64.804	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	40714	153.207	ug/l #	10

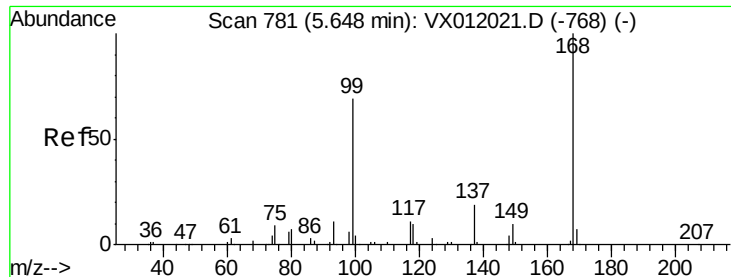
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
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PAR-11-C1-(0)

Quant Time: Sep 09 01:52:01 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012234.D

Acq: 08 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

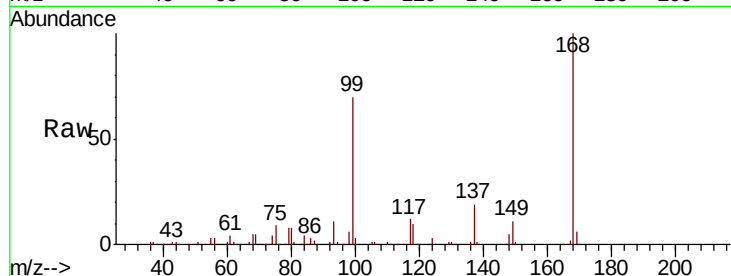
PAR-11-C1-(0)

Tgt Ion:168 Resp: 137394

Ion Ratio Lower Upper

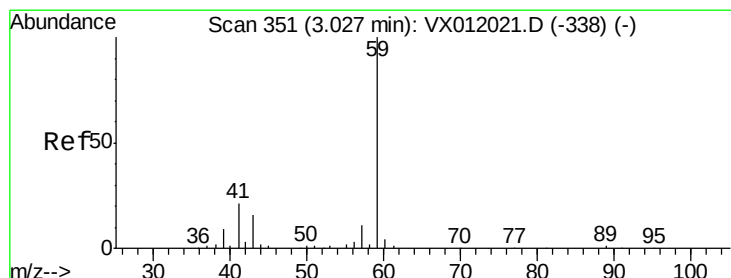
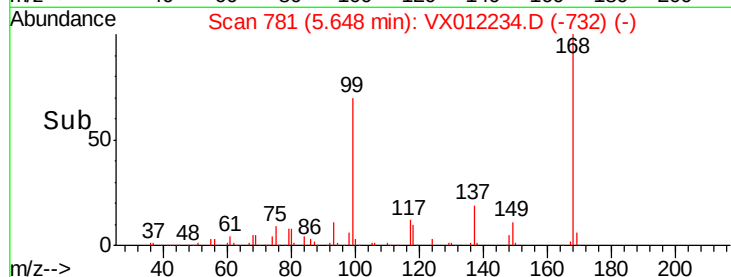
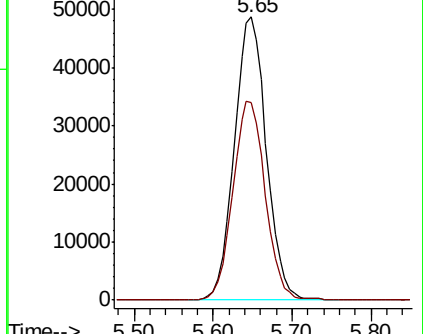
168 100

99 69.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 4.701 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX012234.D

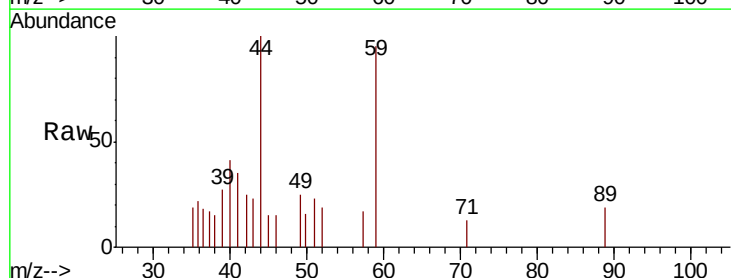
Acq: 08 Sep 2019 20:24

Tgt Ion: 59 Resp: 856

Ion Ratio Lower Upper

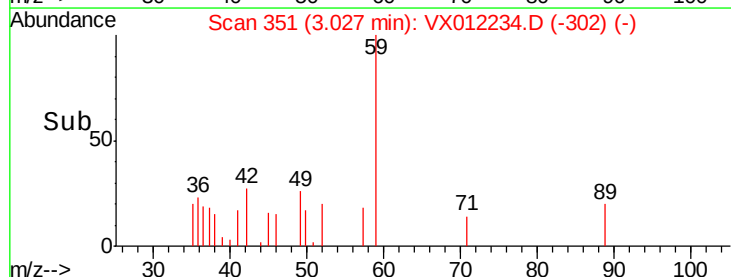
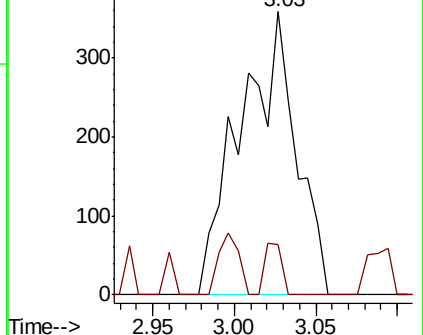
59 100

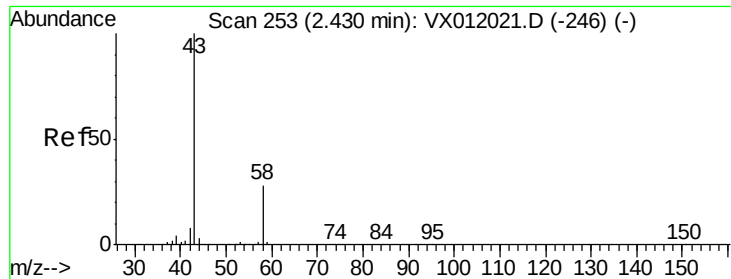
57 5.5 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 19.123 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012234.D

Acq: 08 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

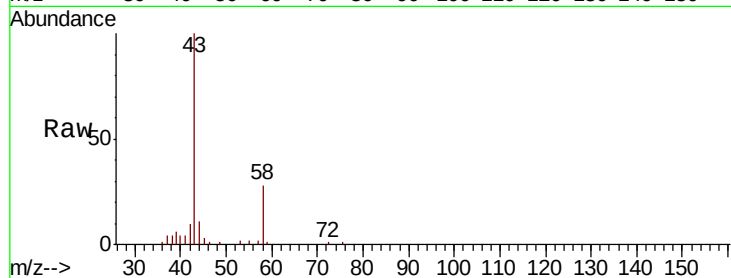
PAR-11-C1-(0)

Tgt Ion: 43 Resp: 8665

Ion Ratio Lower Upper

43 100

58 28.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

5000

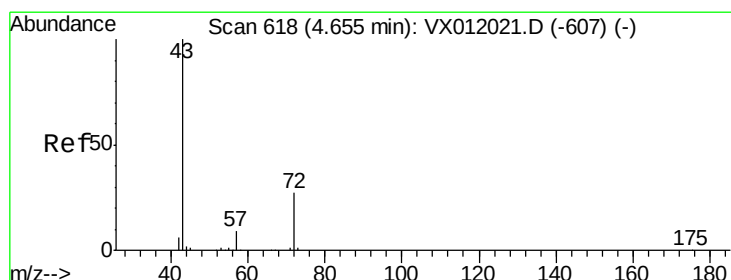
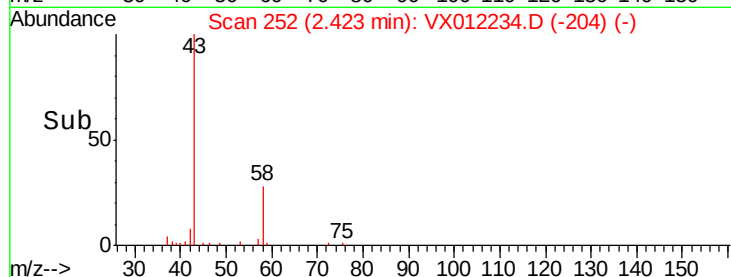
4000

3000

2000

1000

Time--> 2.35 2.40 2.45 2.50



#25

2-Butanone

Concen: 1.144 ug/l

RT: 4.70 min Scan# 625

Delta R.T. 0.04 min

Lab File: VX012234.D

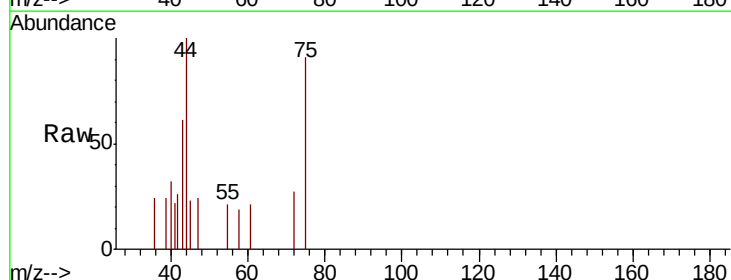
Acq: 08 Sep 2019 20:24

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

72 44.4 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200

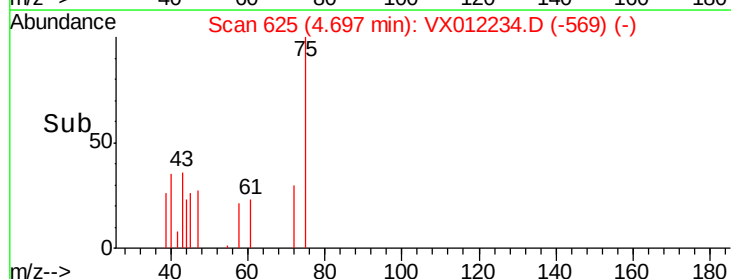
150

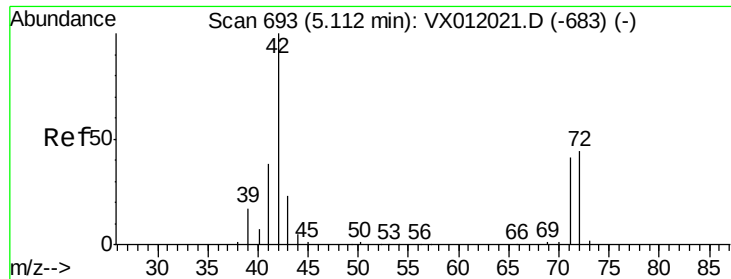
100

50

0

Time--> 4.60 4.65 4.70

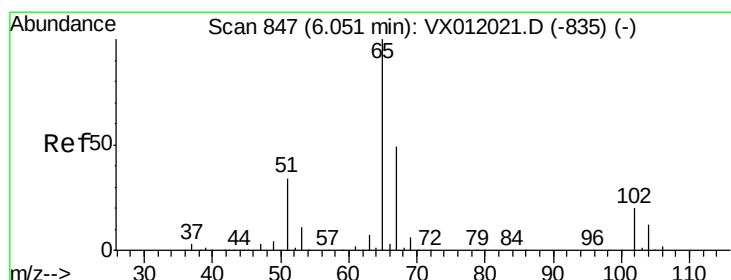
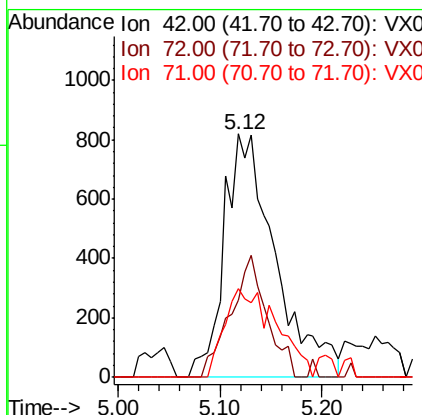
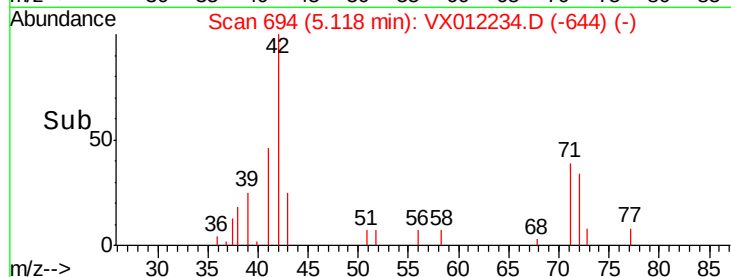
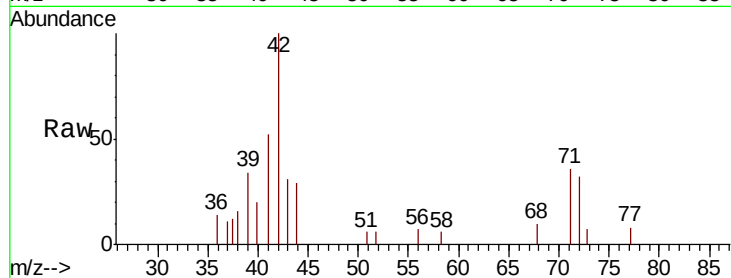




#29
Tetrahydrofuran
Concen: 8.244 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012234.D
Acq: 08 Sep 2019 20:24

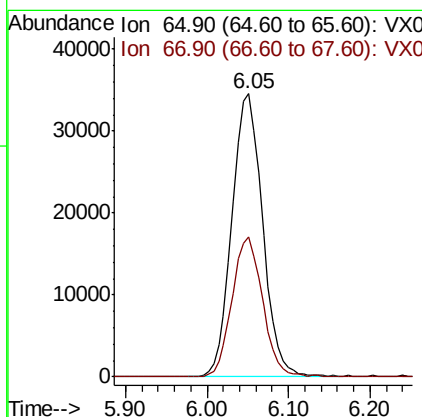
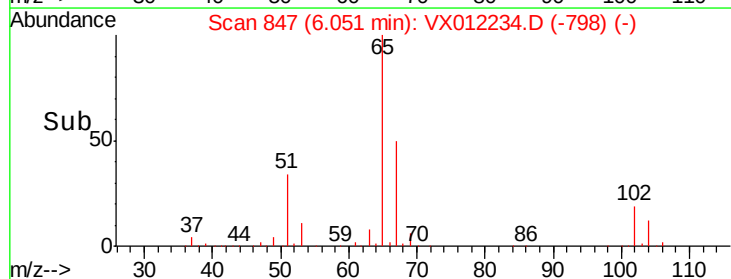
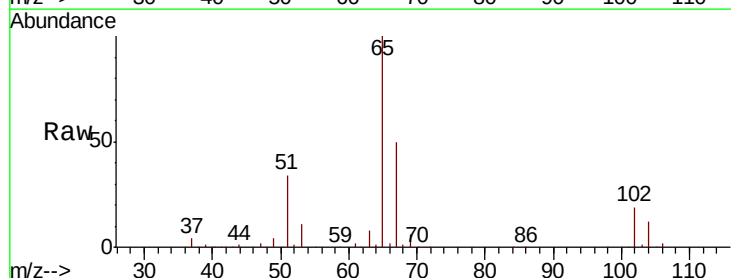
Instrument :
MSVOA_X
ClientSampled :
PAR-11-C1-(0)

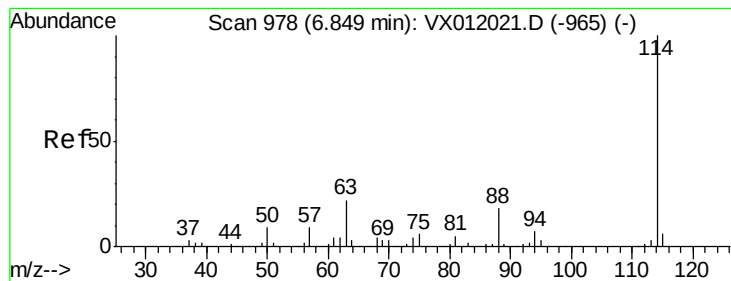
Tgt Ion: 42 Resp: 2865
Ion Ratio Lower Upper
42 100
72 35.3 37.0 55.4#
71 36.6 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 47.435 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012234.D
Acq: 08 Sep 2019 20:24

Tgt Ion: 65 Resp: 89926
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012234.D

Acq: 08 Sep 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-C1-(0)

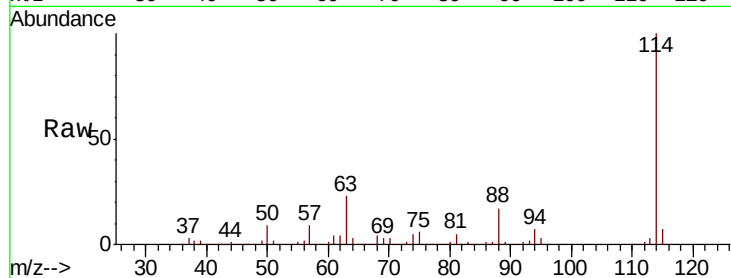
Tgt Ion:114 Resp: 230076

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

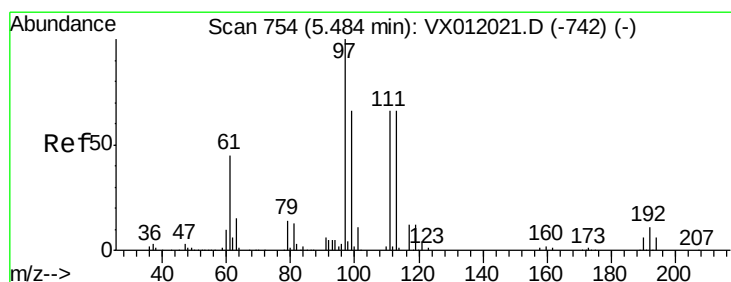
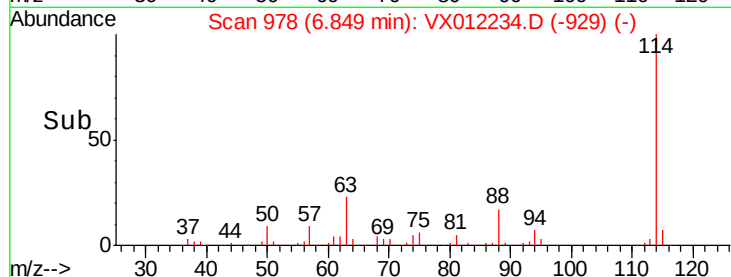
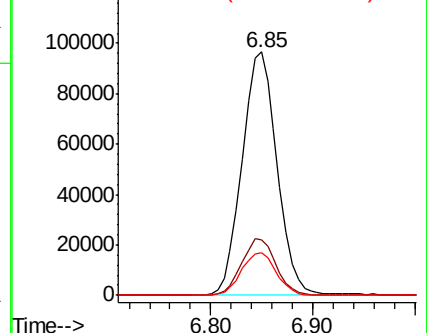
88 17.4 0.0 29.6



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: 48.410 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012234.D

Acq: 08 Sep 2019 20:24

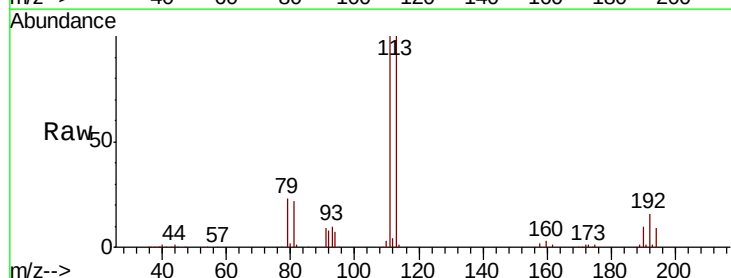
Tgt Ion:113 Resp: 68495

Ion Ratio Lower Upper

113 100

111 105.0 81.7 122.5

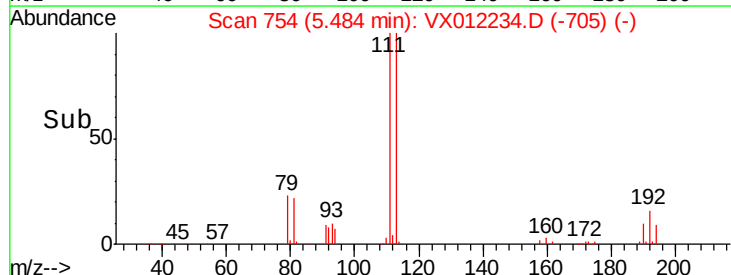
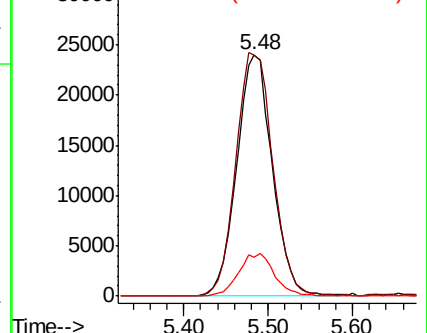
192 17.6 22.5 33.7#

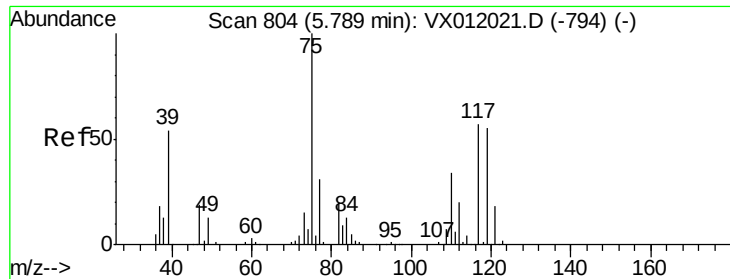


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

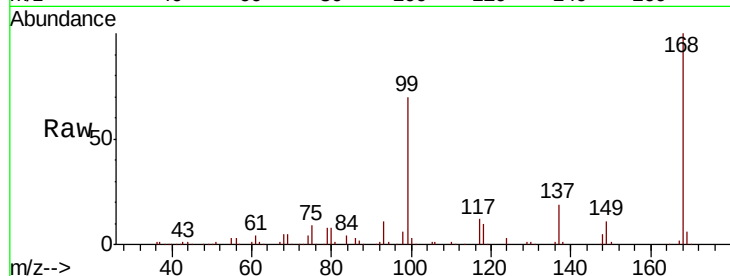




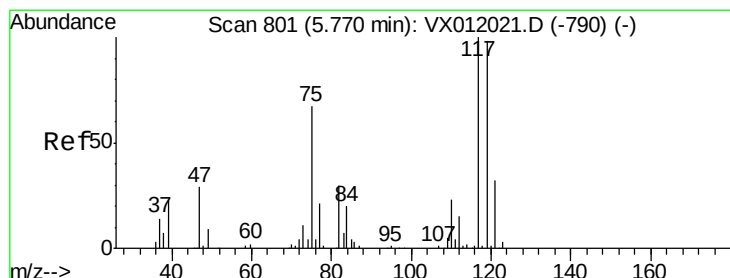
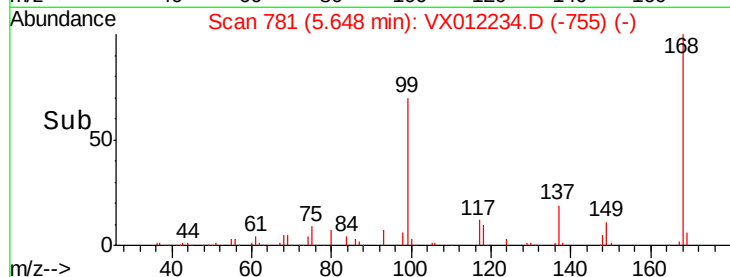
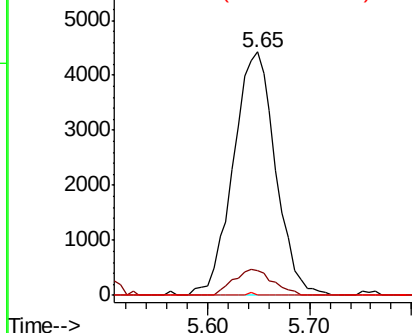
#36
 1,1-Dichloropropene
 Concen: 6.268 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012234.D
 Acq: 08 Sep 2019 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-C1-(0)

Tgt Ion: 75 Resp: 12702
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.5 58.5#
 77 0.2 24.6 37.0#

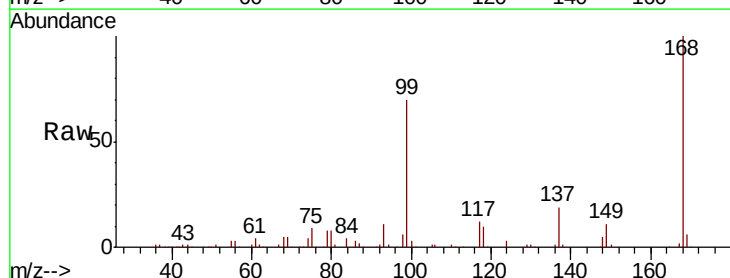


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

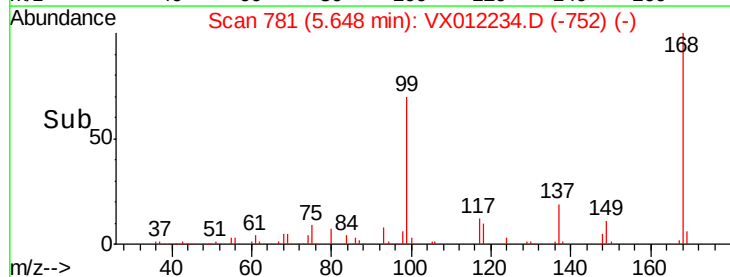
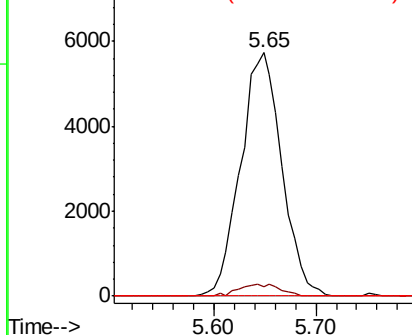


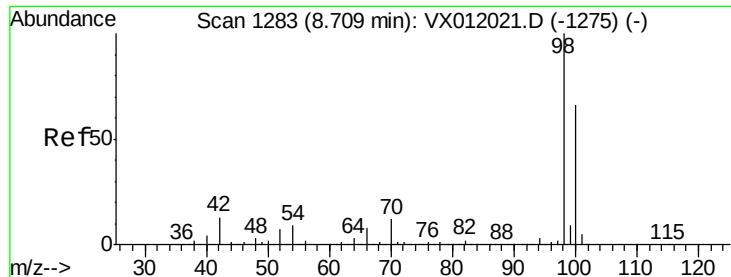
#38
 Carbon Tetrachloride
 Concen: 7.532 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012234.D
 Acq: 08 Sep 2019 20:24

Tgt Ion: 117 Resp: 16082
 Ion Ratio Lower Upper
 117 100
 119 3.8 78.3 117.5#
 121 0.0 24.2 36.2#



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

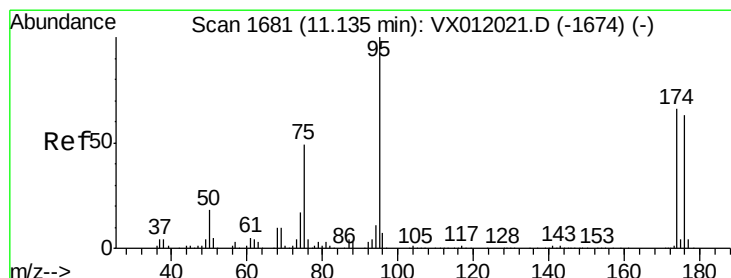
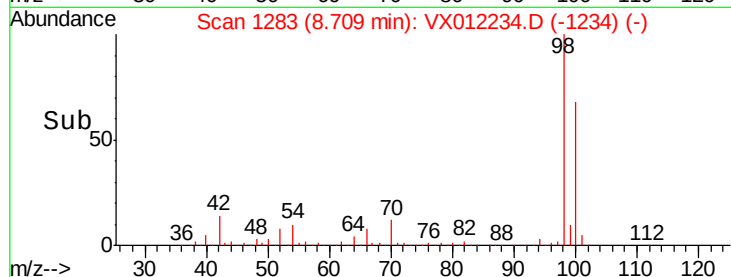
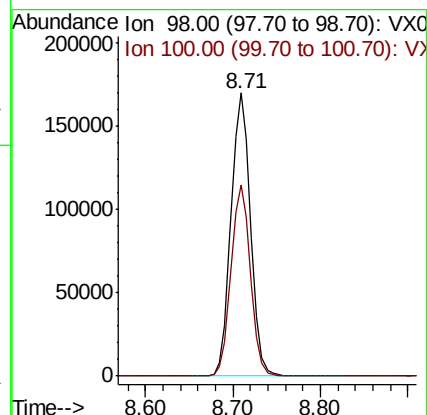
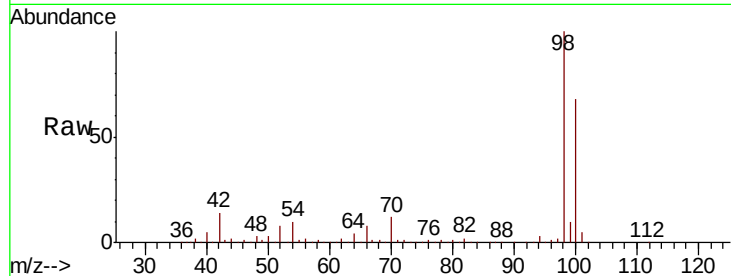




#50
Toluene-d8
Concen: 50.710 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012234.D
Acq: 08 Sep 2019 20:24

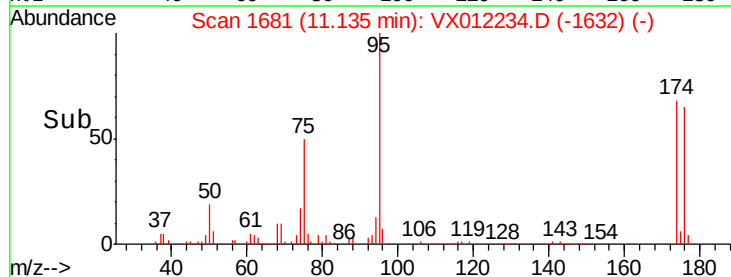
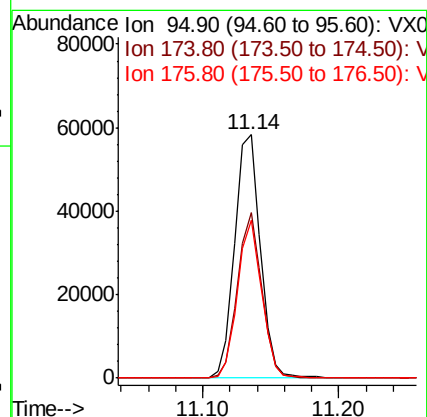
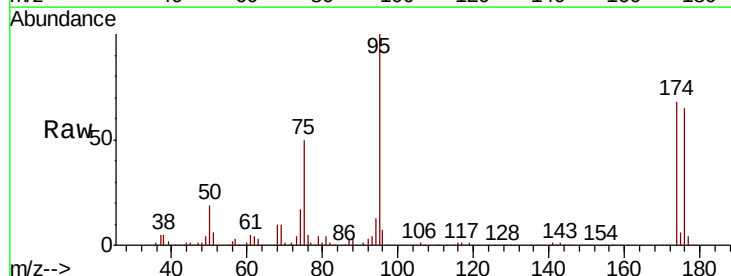
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-C1-(0)

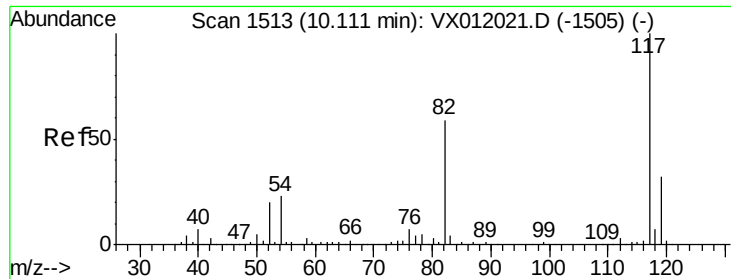
Tgt Ion: 98 Resp: 263291
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 31.876 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012234.D
Acq: 08 Sep 2019 20:24

Tgt Ion: 95 Resp: 76967
Ion Ratio Lower Upper
95 100
174 64.1 0.0 205.4
176 61.3 0.0 201.8

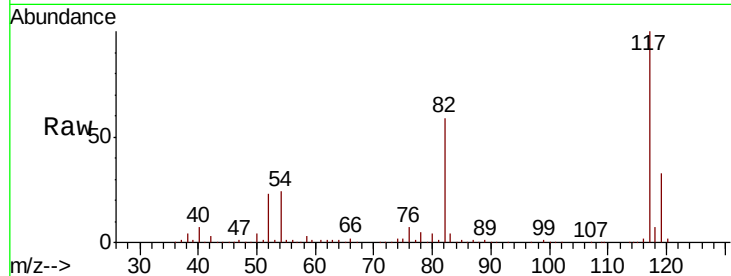




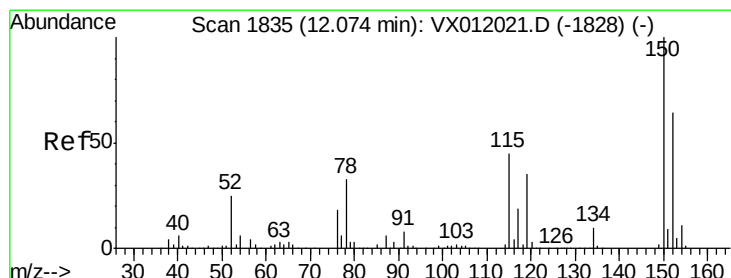
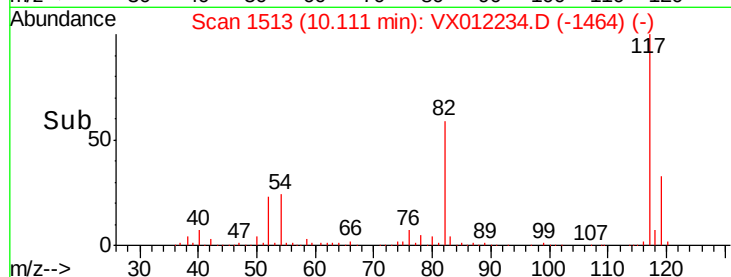
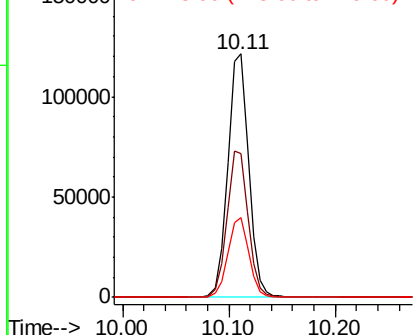
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012234.D
Acq: 08 Sep 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:117 Resp: 168034
Ion Ratio Lower Upper
117 100
82 58.9 39.4 59.0
119 32.7 26.1 39.1

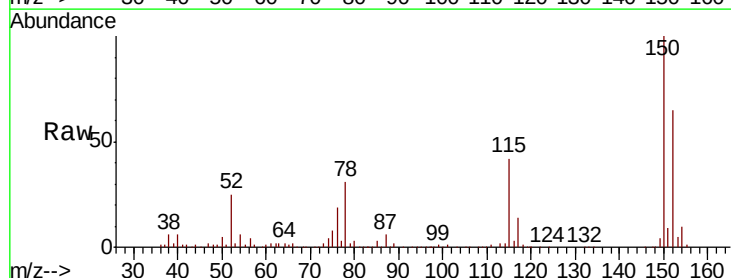


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

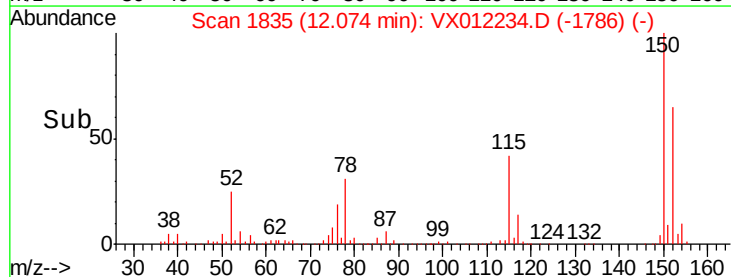
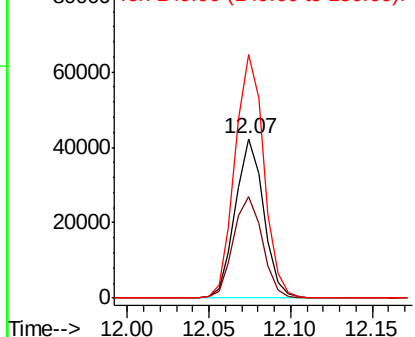


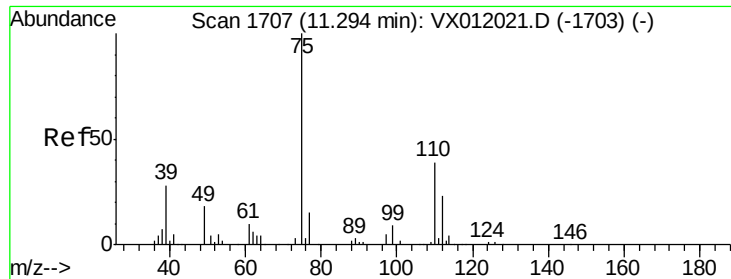
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012234.D
Acq: 08 Sep 2019 20:24

Tgt Ion:152 Resp: 51419
Ion Ratio Lower Upper
152 100
115 65.5 36.4 109.3
150 156.4 0.0 341.2



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

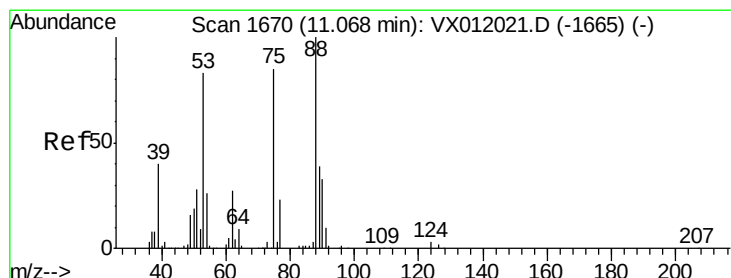
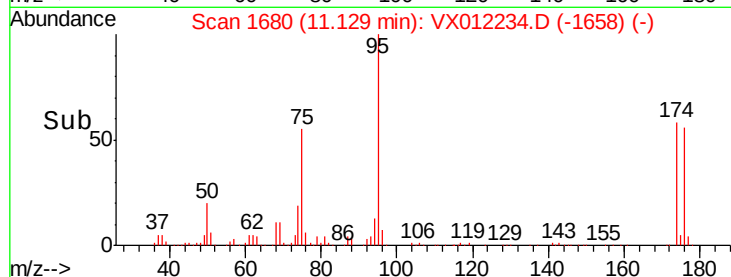
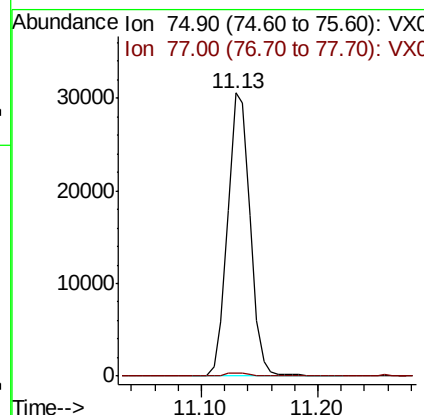
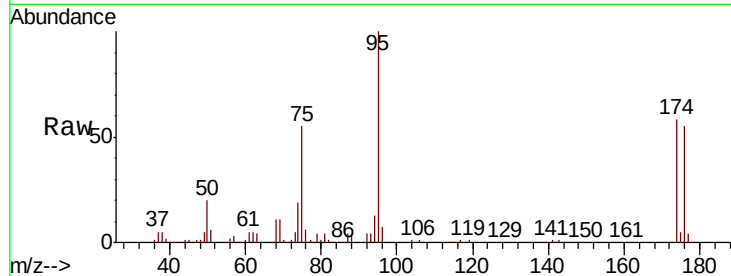




#76
 1,2,3-Trichloropropane
 Concen: 64.804 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012234.D
 Acq: 08 Sep 2019 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-C1-(0)

Tgt Ion: 75 Resp: 40714
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.207 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012234.D
 Acq: 08 Sep 2019 20:24

Tgt Ion: 75 Resp: 40714
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.6 117.8#
 89 0.0 38.8 58.2#

