

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012227.D
 Acq On : 08 Sep 2019 17:08
 Operator : SY/SP
 Sample : K4622-12
 Misc : 5.40g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(0)

Quant Time: Sep 09 01:50:50 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	143821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	95381	48.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.12%	
35) Dibromofluoromethane	5.48	113	73029	48.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	288697	52.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.13	95	113370	44.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.98%	

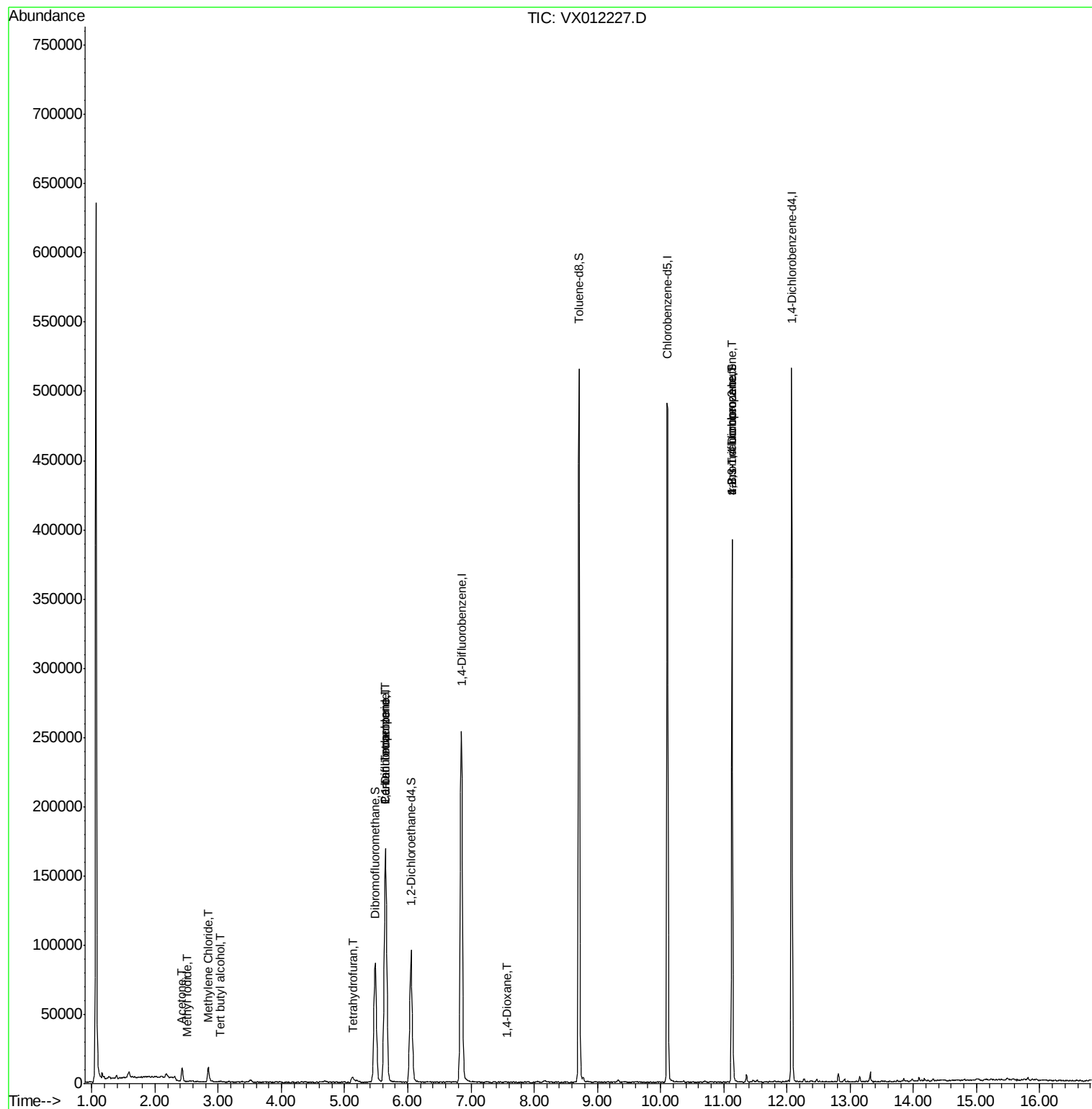
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	24	7.002	ug/l #	40
11) Tert butyl alcohol	3.03	59	584	3.064	ug/l #	76
13) Acrolein	2.27	56	210	Below Cal	#	68
16) Acetone	2.43	43	11010	23.212	ug/l	99
20) Methylene Chloride	2.84	84	4580	2.405	ug/l	97
29) Tetrahydrofuran	5.13	42	3421	9.404	ug/l	94
36) 1,1-Dichloropropene	5.64	75	13194	6.170	ug/l #	49
38) Carbon Tetrachloride	5.65	117	17079	7.580	ug/l #	15
49) 1,4-Dioxane	7.57	88	21	1.296	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	60070	52.028	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	60070	123.003	ug/l #	10

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

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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: VX012227.D

Acq: 08 Sep 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

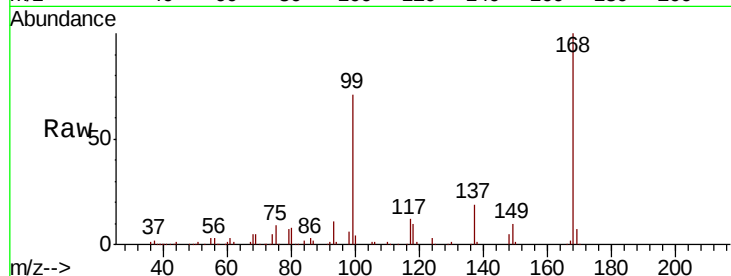
PAR-11-B2-(0)

Tgt Ion:168 Resp: 143821

Ion Ratio Lower Upper

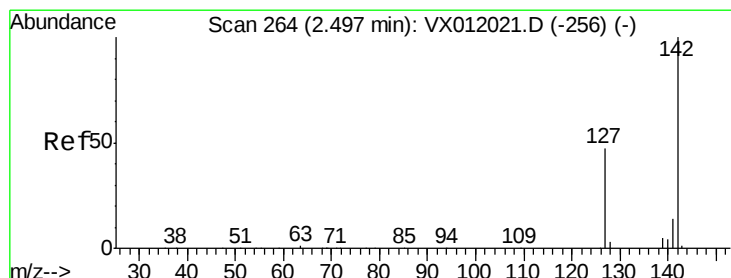
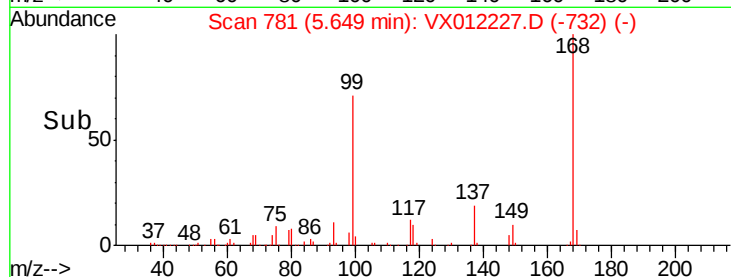
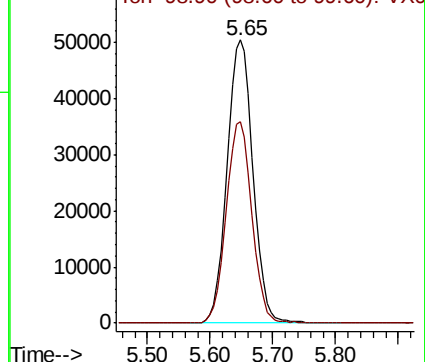
168 100

99 71.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 7.002 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

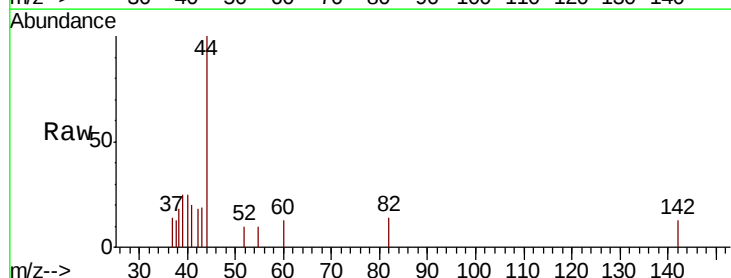
Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

142 100

127 0.0 35.4 53.2#

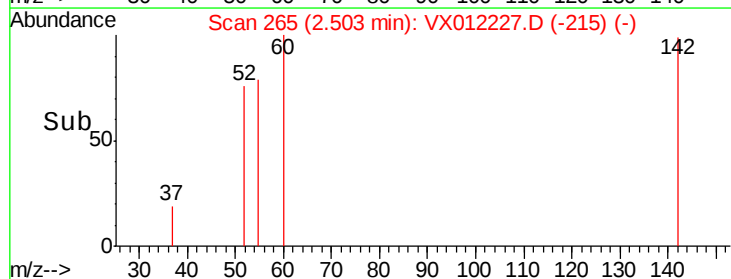
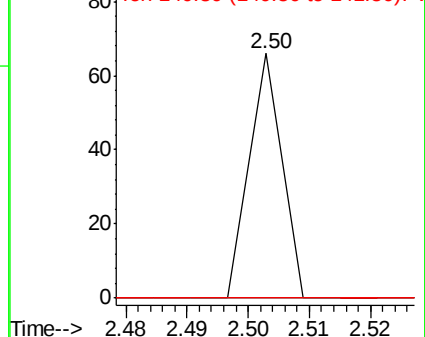
141 0.0 11.4 17.2#

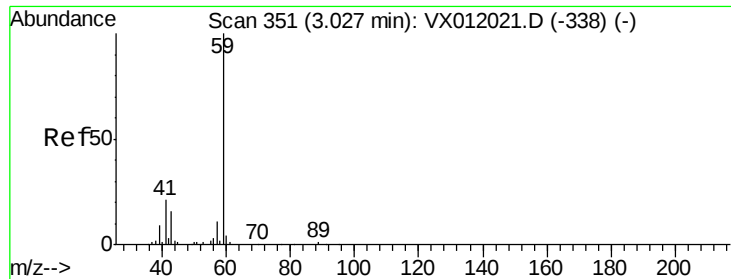


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



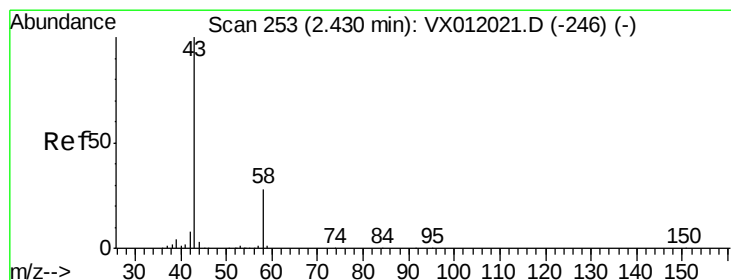
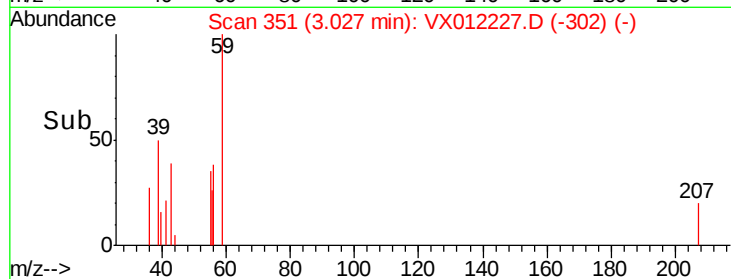
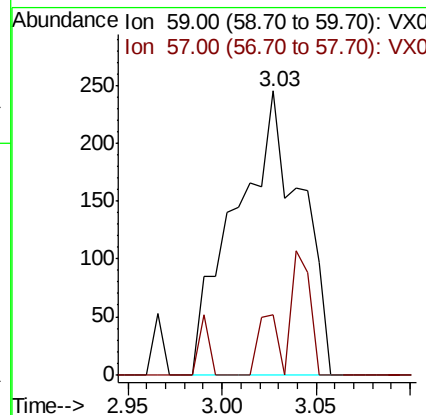
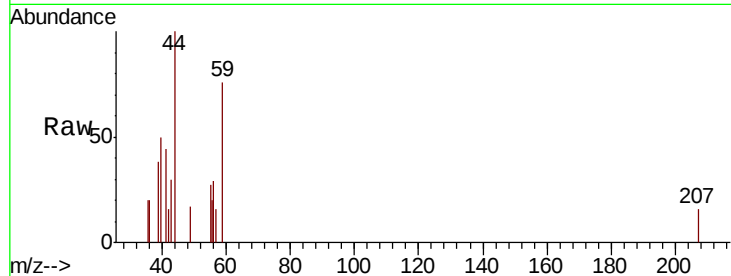


#11

Tert butyl alcohol
 Concen: 3.064 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(0)

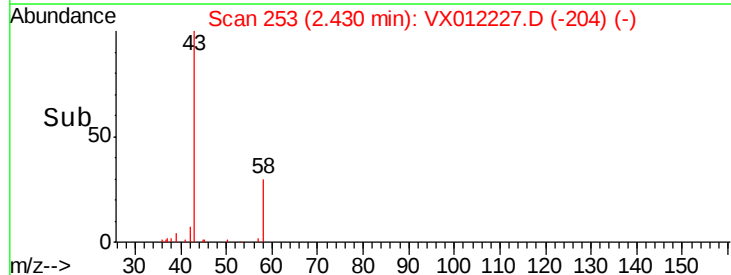
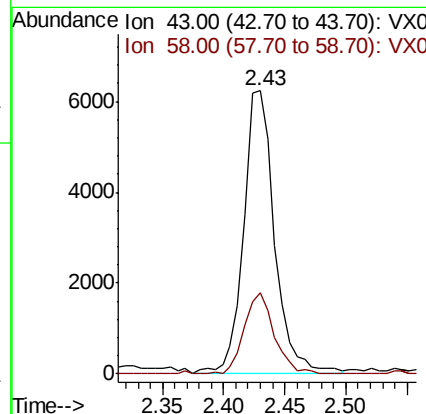
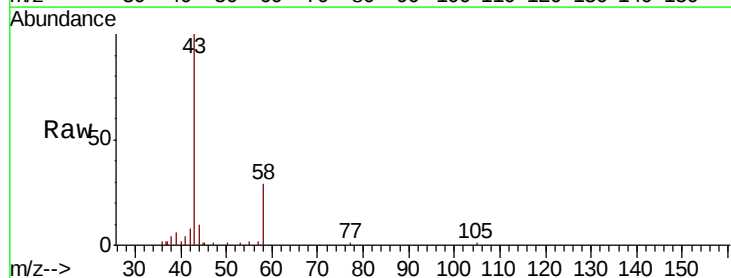
Tgt Ion: 59 Resp: 584
 Ion Ratio Lower Upper
 59 100
 57 18.7 7.9 11.9#

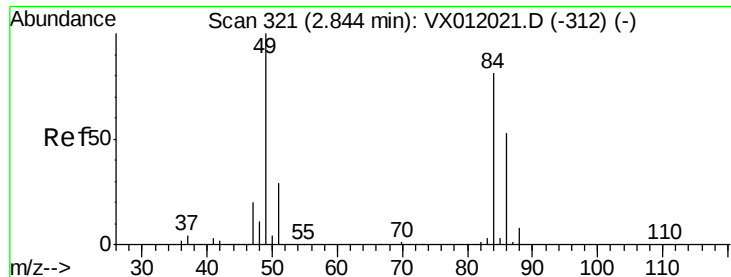


#16

Acetone
 Concen: 23.212 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Tgt Ion: 43 Resp: 11010
 Ion Ratio Lower Upper
 43 100
 58 28.9 22.8 34.2

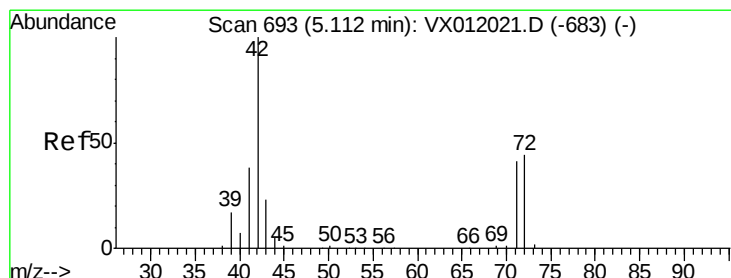
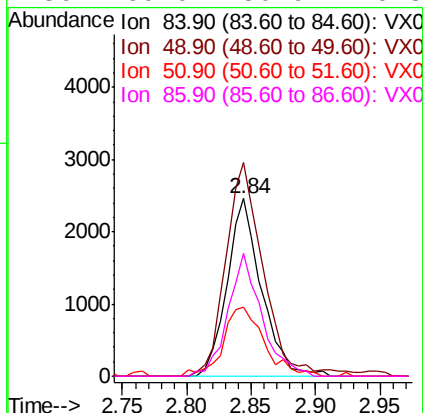
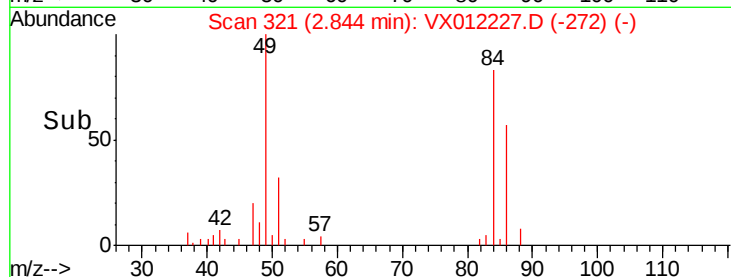
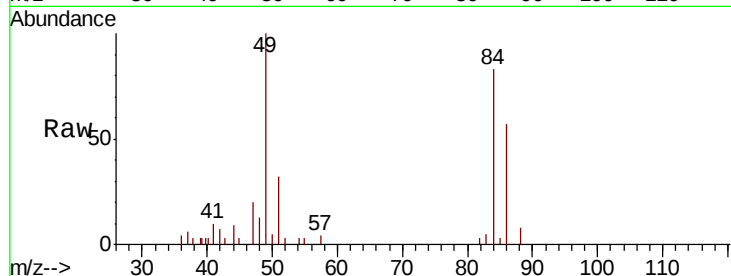




#20
Methylene Chloride
Concen: 2.405 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012227.D
Acq: 08 Sep 2019 17:08

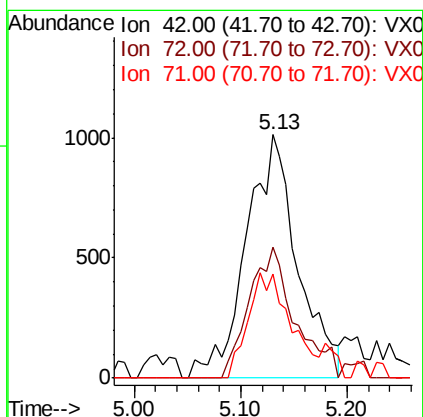
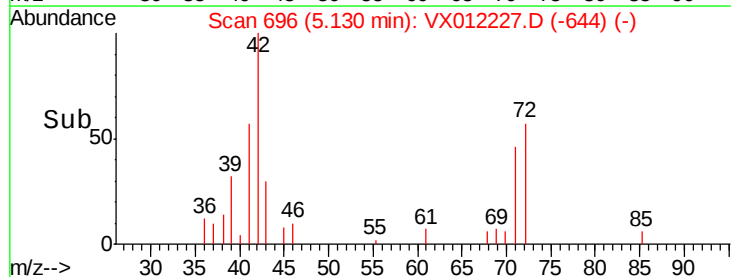
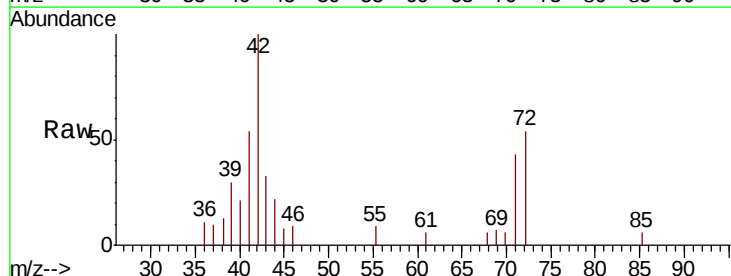
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B2-(0)

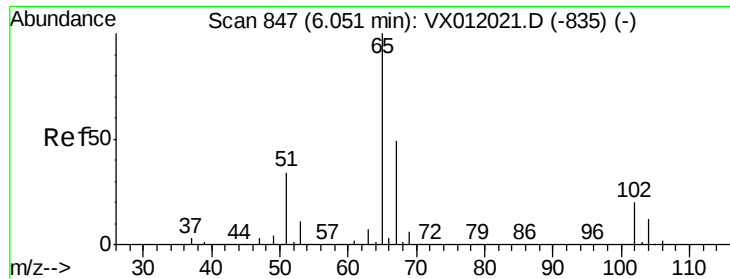
Tgt Ion:	84	Resp:	4580
Ion	Ratio	Lower	Upper
84	100		
49	120.4	95.8	143.8
51	38.9	28.6	43.0
86	69.0	50.9	76.3



#29
Tetrahydrofuran
Concen: 9.404 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012227.D
Acq: 08 Sep 2019 17:08

Tgt Ion:	42	Resp:	3421
Ion	Ratio	Lower	Upper
42	100		
72	47.9	37.0	55.4
71	35.9	33.8	50.8

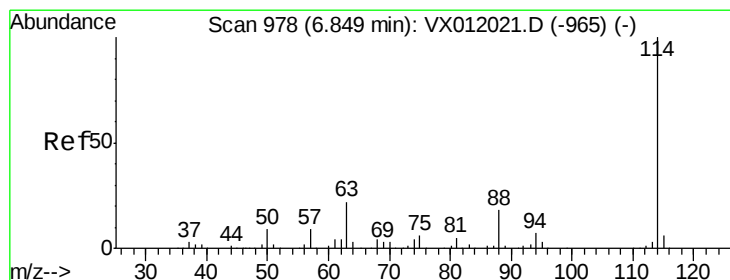
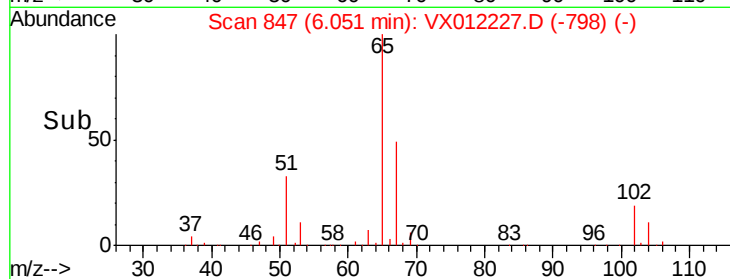
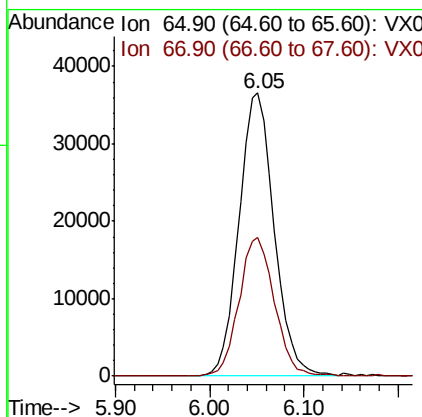
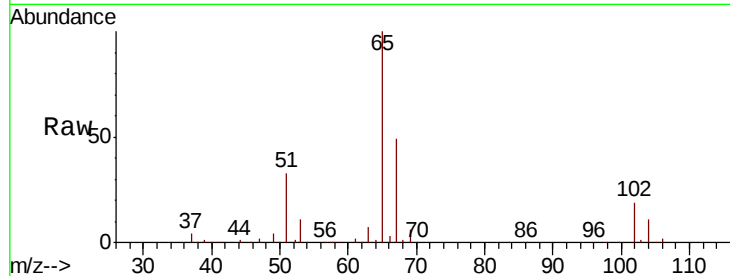




#33
 1,2-Dichloroethane-d4
 Concen: 48.064 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

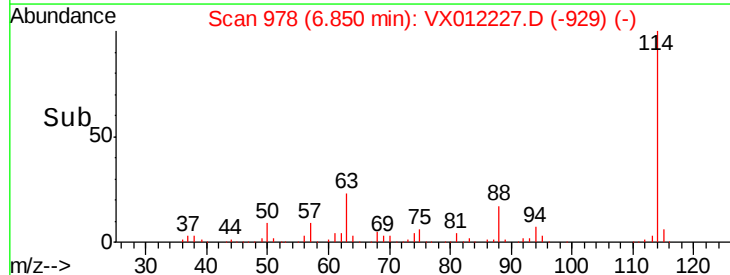
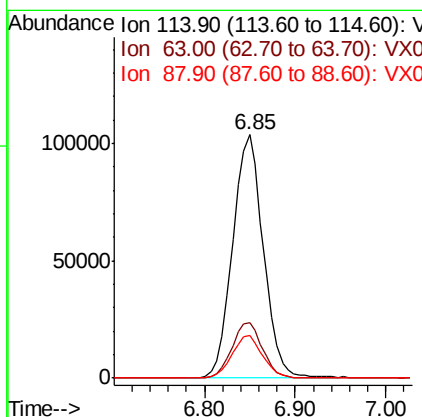
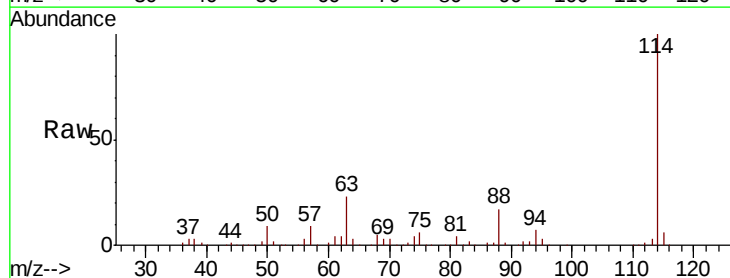
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(0)

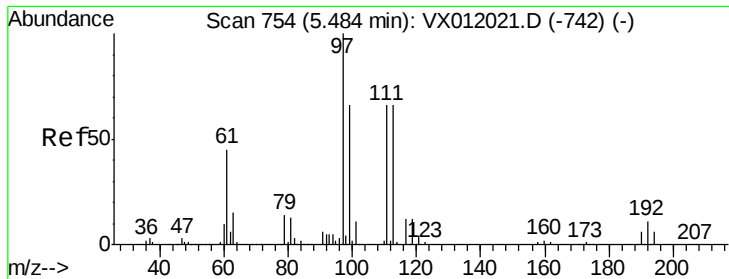
Tgt Ion: 65 Resp: 95381
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Tgt Ion: 114 Resp: 242783
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.913 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B2-(0)

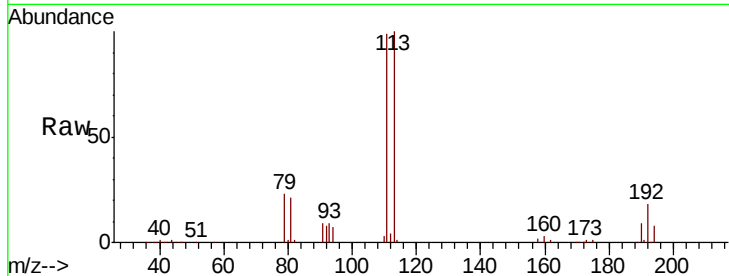
Tgt Ion:113 Resp: 73029

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

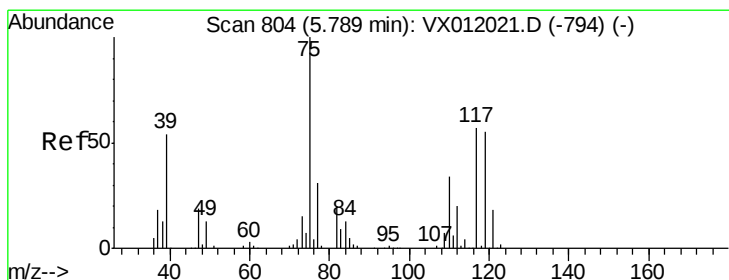
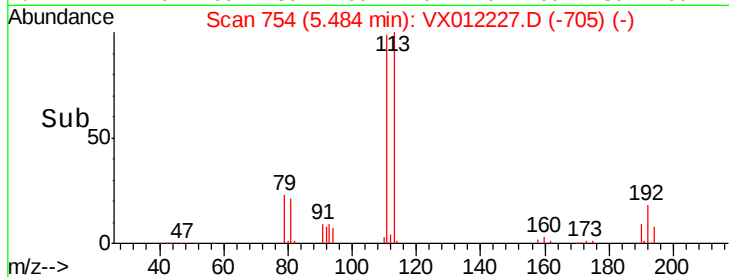
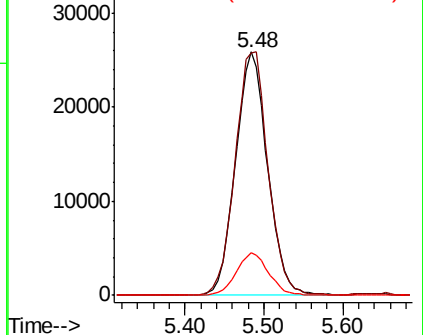
192 17.6 22.5 33.7#



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: 6.170 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

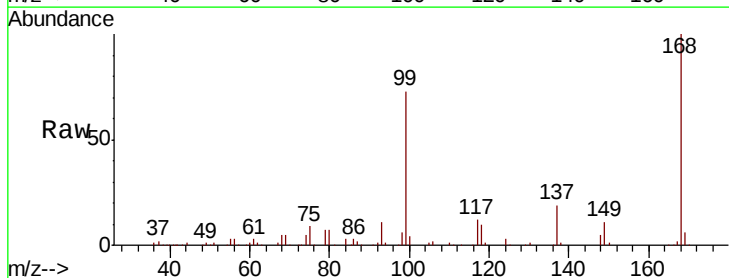
Tgt Ion: 75 Resp: 13194

Ion Ratio Lower Upper

75 100

110 10.2 19.5 58.5#

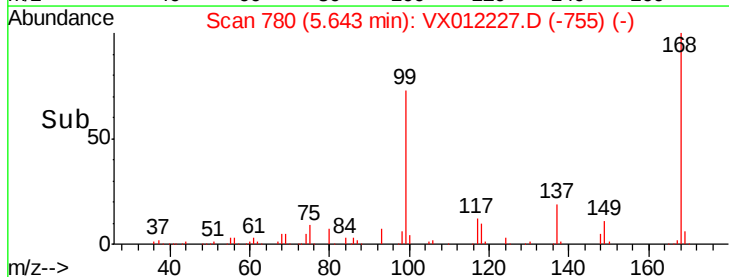
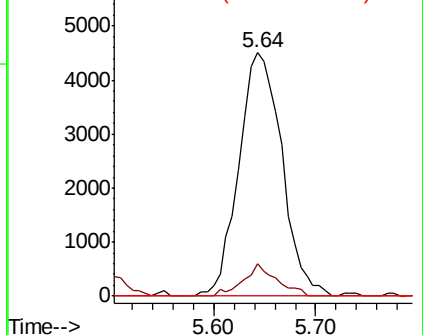
77 0.0 24.6 37.0#

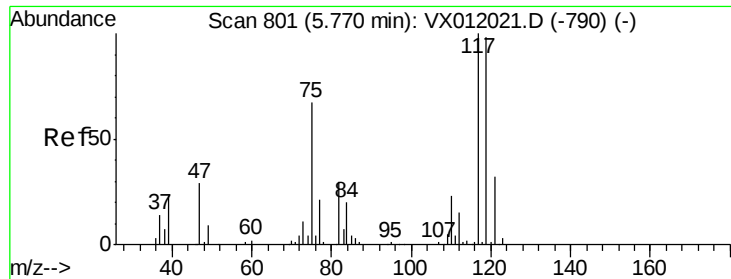


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.580 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B2-(0)

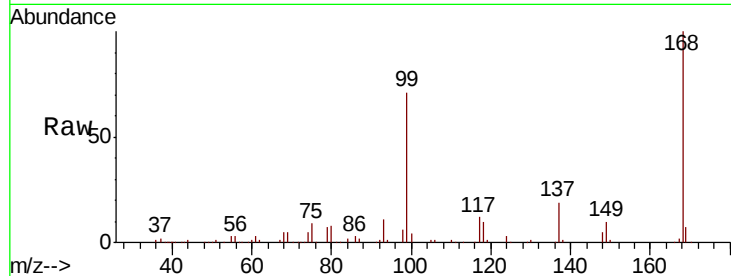
Tgt Ion:117 Resp: 17079

Ion Ratio Lower Upper

117 100

119 4.8 78.3 117.5#

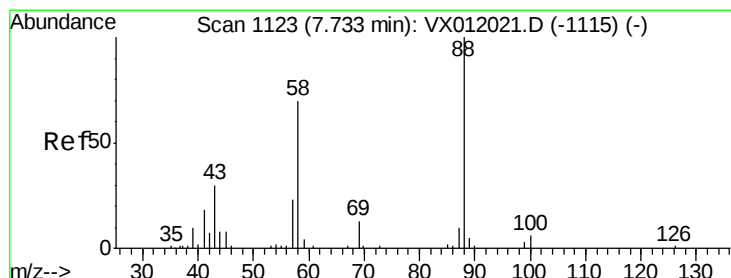
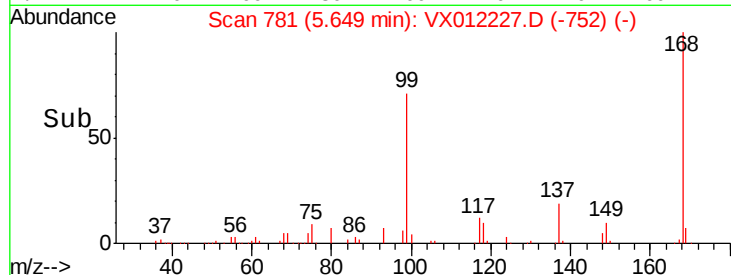
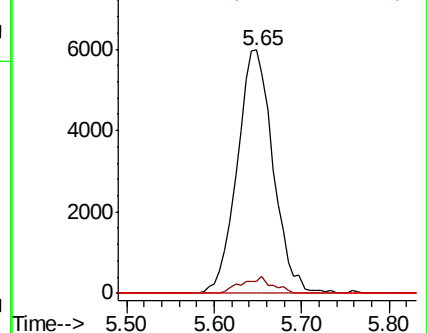
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 1.296 ug/l

RT: 7.57 min Scan# 1096

Delta R.T. -0.16 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

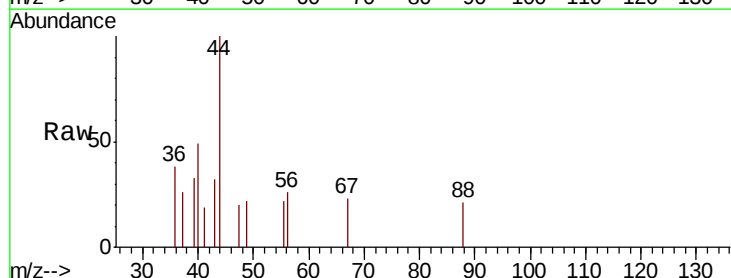
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 628.6 29.8 44.6#

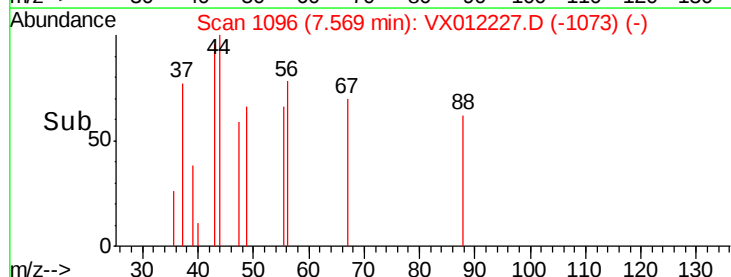
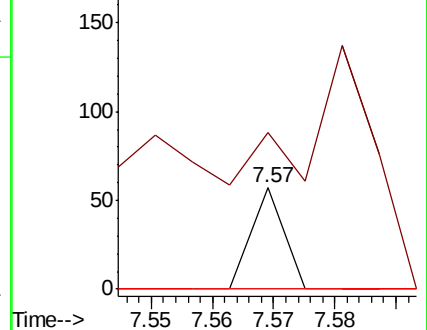
58 0.0 55.4 83.2#

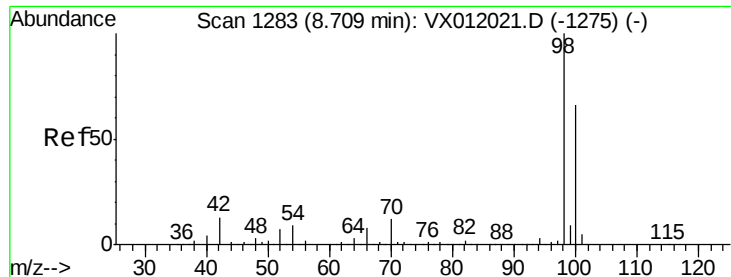


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.693 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

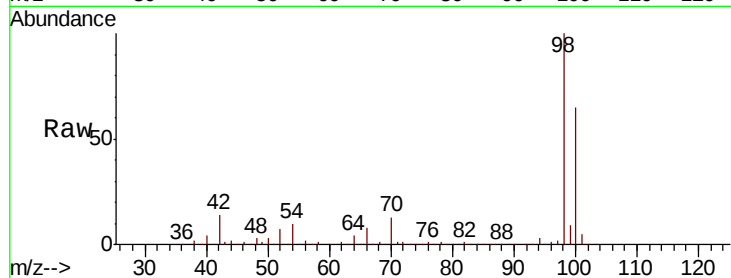
PAR-11-B2-(0)

Tgt Ion: 98 Resp: 288697

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

8.71

200000

150000

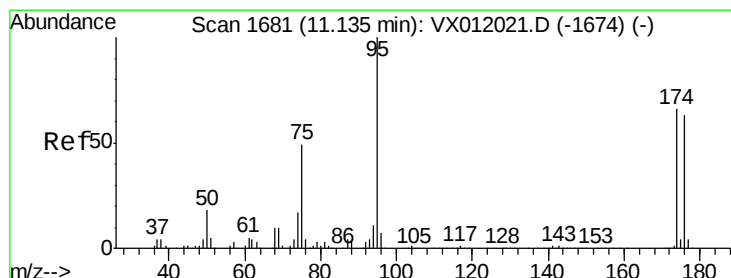
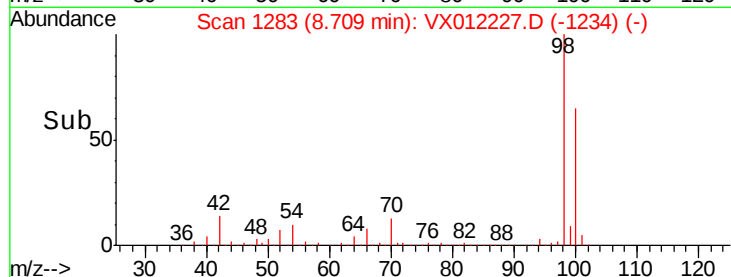
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.494 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

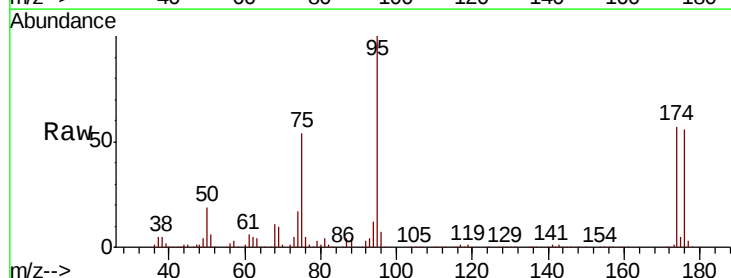
Tgt Ion: 95 Resp: 113370

Ion Ratio Lower Upper

95 100

174 65.2 0.0 205.4

176 63.1 0.0 201.8



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

120000

100000

80000

60000

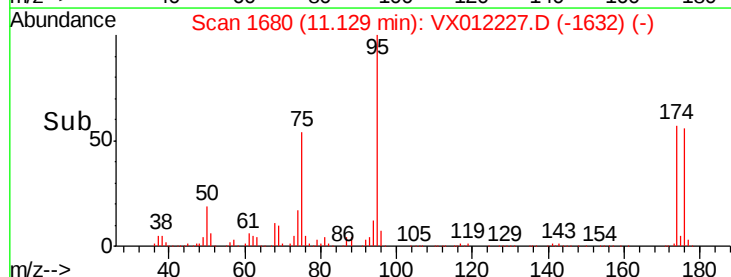
40000

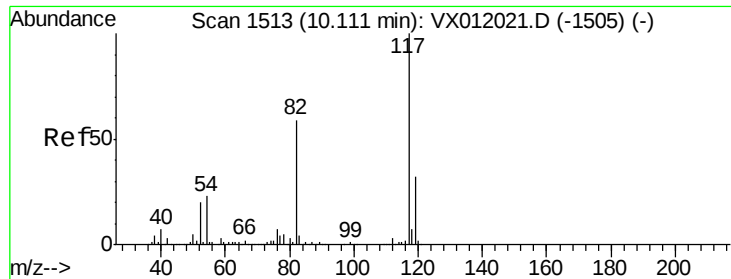
20000

0

11.10 11.20

Time-->

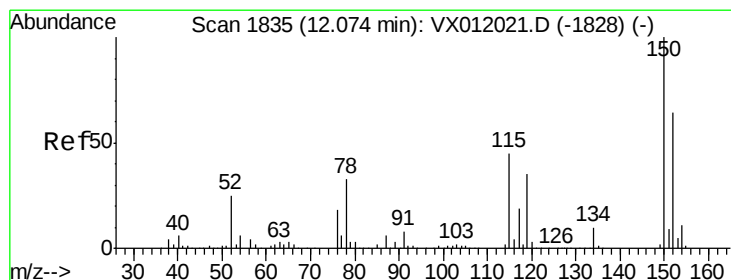
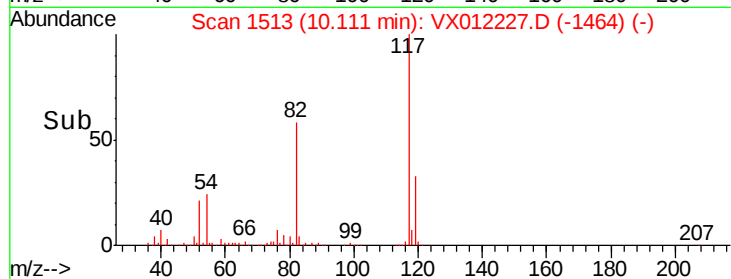
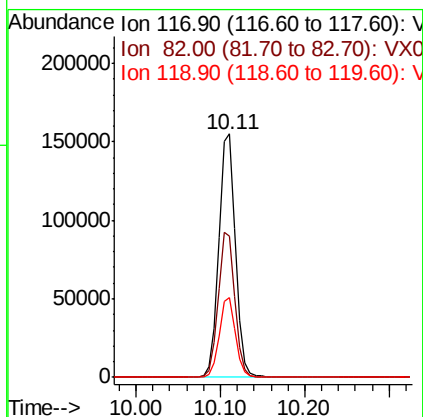
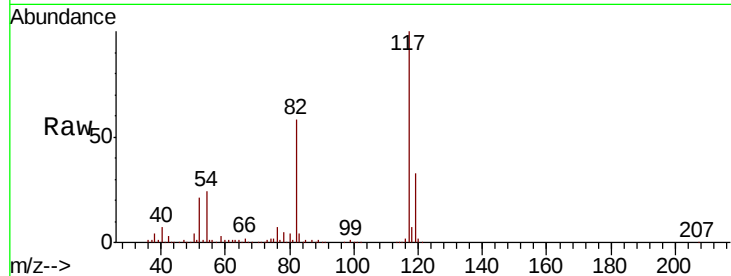




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012227.D
Acq: 08 Sep 2019 17:08

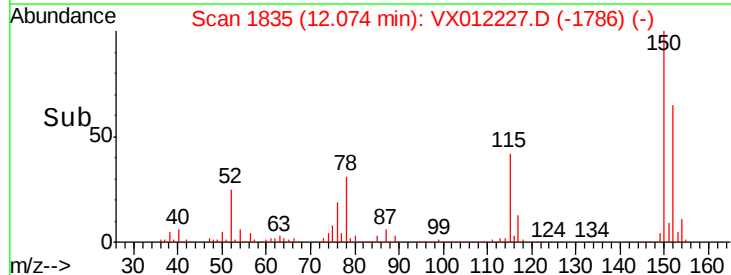
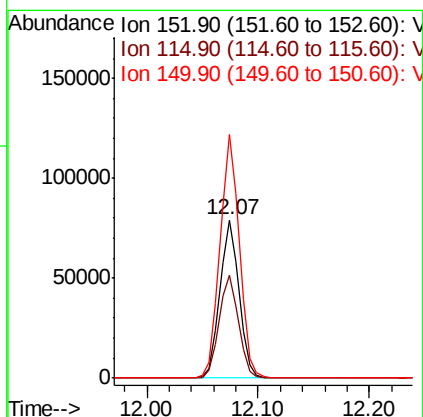
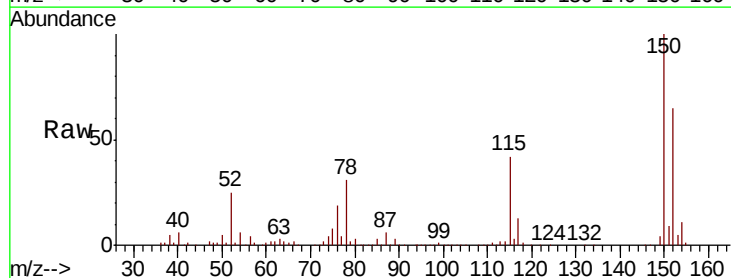
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B2-(0)

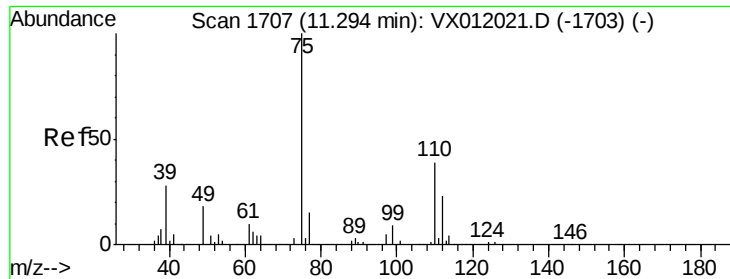
Tgt Ion:117 Resp: 212765
Ion Ratio Lower Upper
117 100
82 57.8 39.4 59.0
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012227.D
Acq: 08 Sep 2019 17:08

Tgt Ion:152 Resp: 94493
Ion Ratio Lower Upper
152 100
115 65.9 36.4 109.3
150 155.6 0.0 341.2

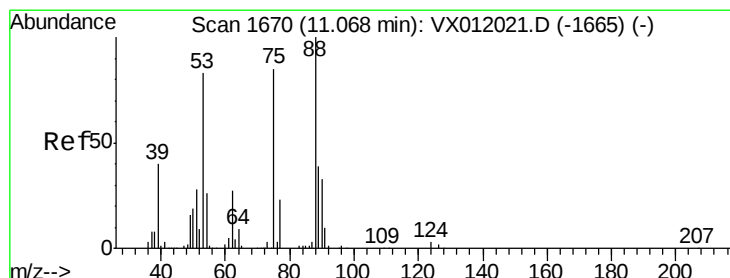
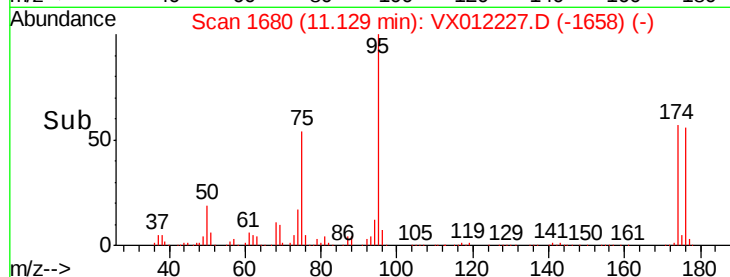
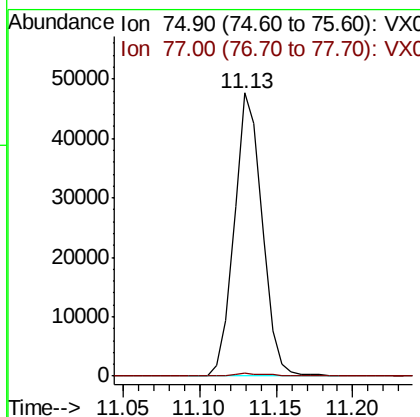
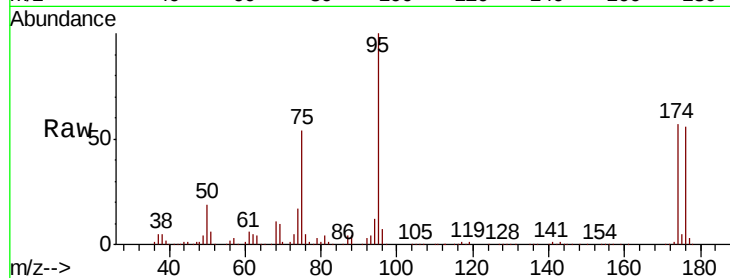




#76
 1,2,3-Trichloropropane
 Concen: 52.028 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(0)

Tgt Ion: 75 Resp: 60070
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.003 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Tgt Ion: 75 Resp: 60070
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 117.8#
 89 0.1 38.8 58.2#

