

Data File : VX012185.D
Acq On : 07 Sep 2019 19:23
Operator : SY/SP
Sample : K4602-15
Misc : 5.53g/5.0mL/MSVOA_X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(0)

Quant Time: Sep 08 07:44:48 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	147293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103598	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.48	113	76732	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.71	98	304868	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.14	95	120641	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	

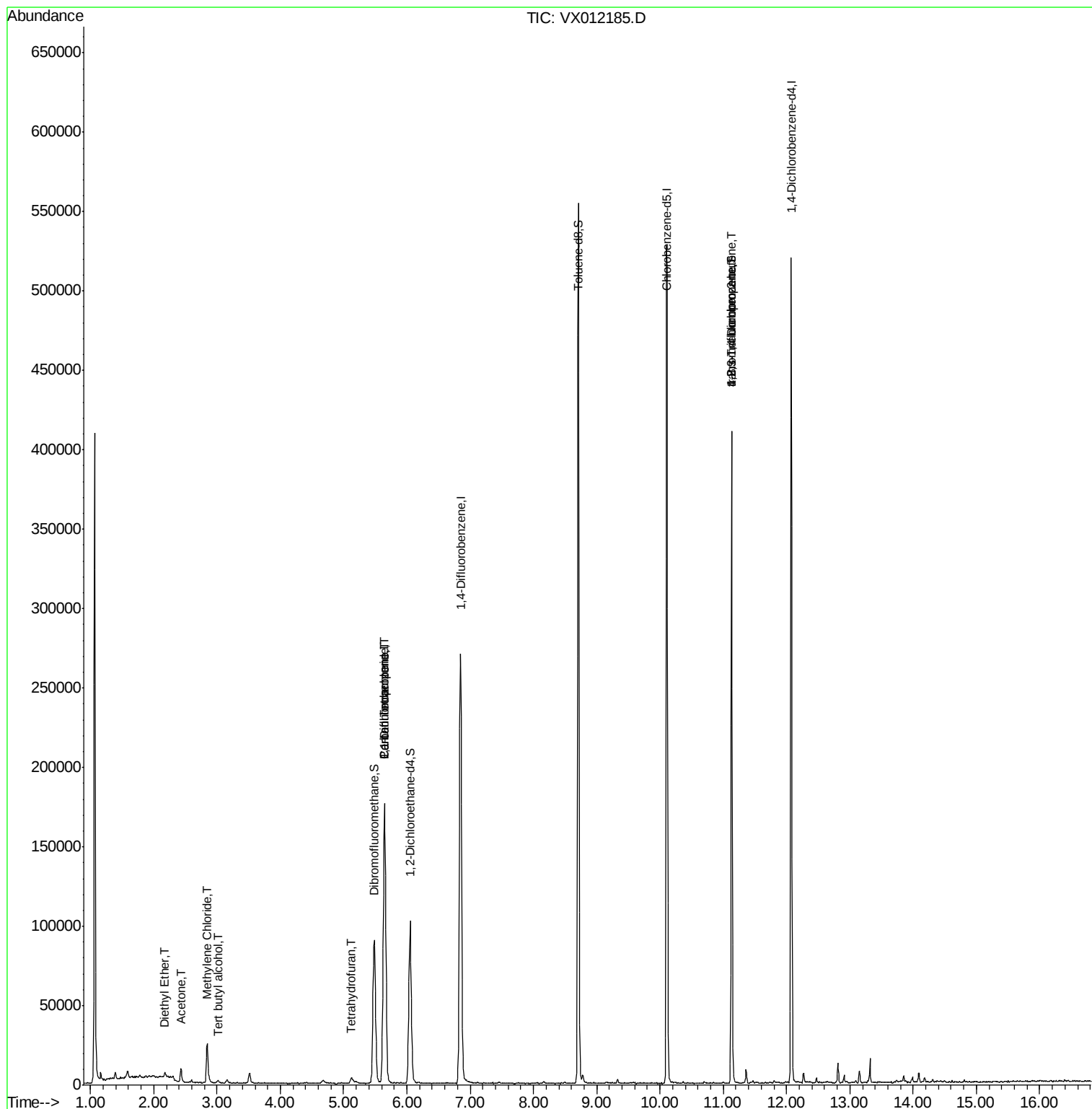
Target Compounds			Qvalue			
8) Diethyl Ether	2.18	74	1110	1.580	ug/l	91
11) Tert butyl alcohol	3.02	59	1575	8.068	ug/l #	92
13) Acrolein	2.26	56	61	Below Cal	#	1
16) Acetone	2.43	43	9195	18.928	ug/l	94
20) Methylene Chloride	2.84	84	11471	5.880	ug/l	92
29) Tetrahydrofuran	5.13	42	4006	10.753	ug/l	90
36) 1,1-Dichloropropene	5.65	75	13703	6.005	ug/l #	49
38) Carbon Tetrachloride	5.65	117	17811	7.407	ug/l #	14
76) 1,2,3-Trichloropropane	11.13	75	63515	55.281	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	63515	130.694	ug/l #	10

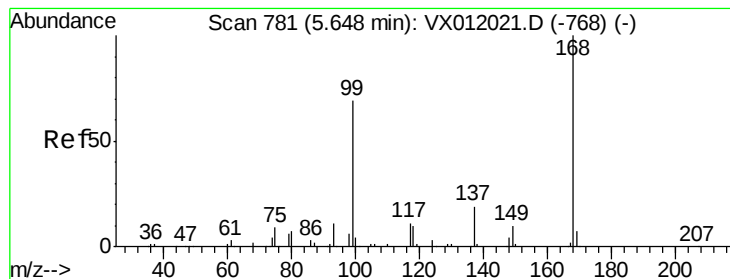
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX012185.D
Acq On : 07 Sep 2019 19:23
Operator : SY/SP
Sample : K4602-15
Misc : 5.53g/5.0mL/MSVOA_X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(0)

Quant Time: Sep 08 07:44:48 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

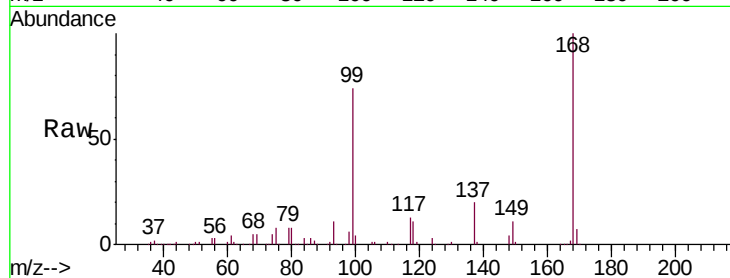
PAR-D2-(0)

Tgt Ion:168 Resp: 147293

Ion Ratio Lower Upper

168 100

99 73.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

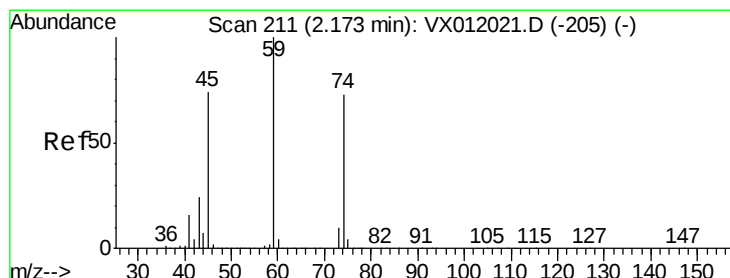
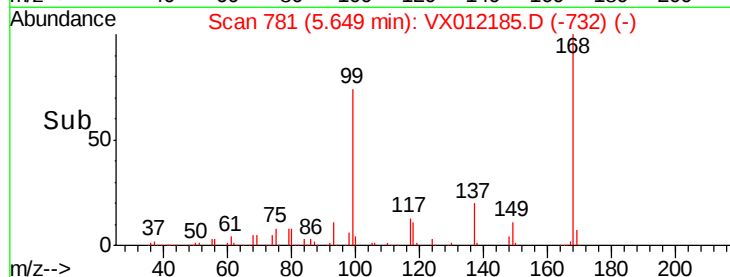
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.580 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX012185.D

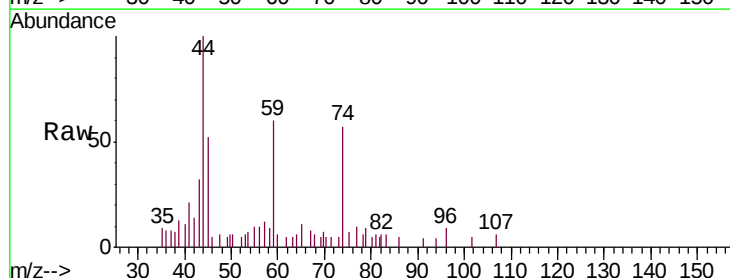
Acq: 07 Sep 2019 19:23

Tgt Ion: 74 Resp: 1110

Ion Ratio Lower Upper

74 100

45 83.5 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

800

600

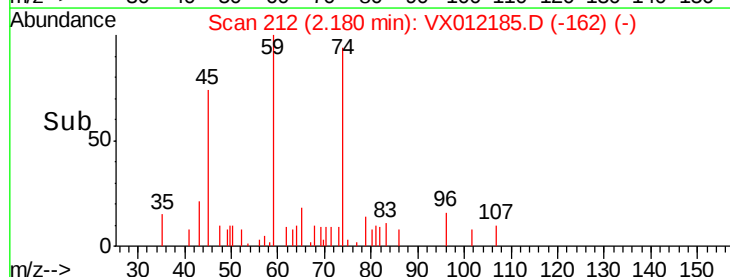
400

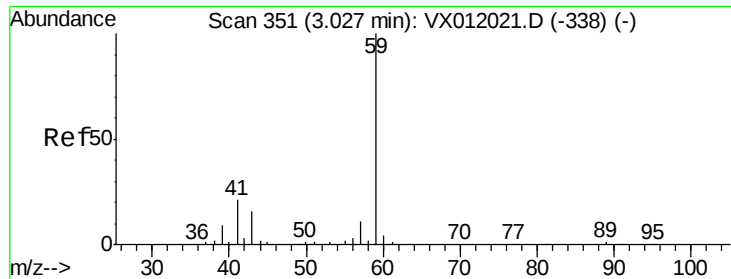
200

0

Time-->

2.10 2.15 2.20 2.25

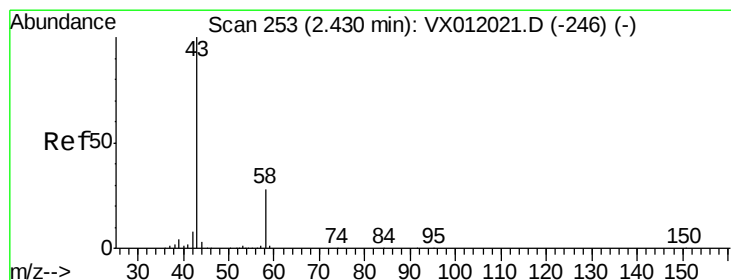
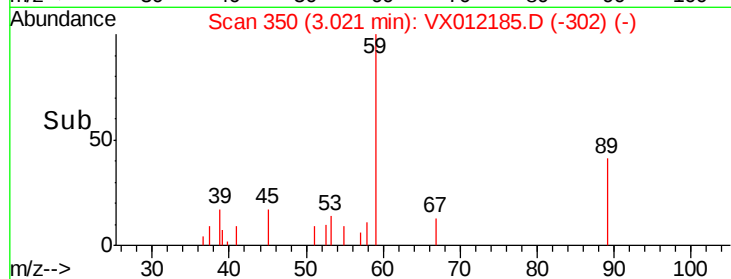
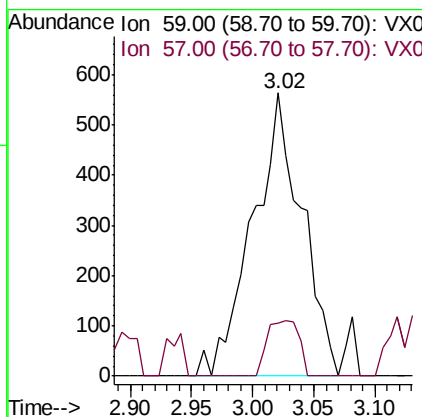
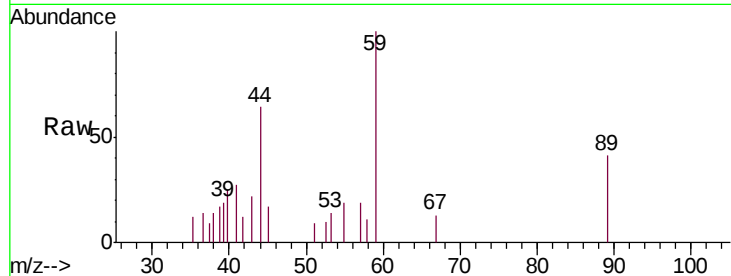




#11
Tert butyl alcohol
Concen: 8.068 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

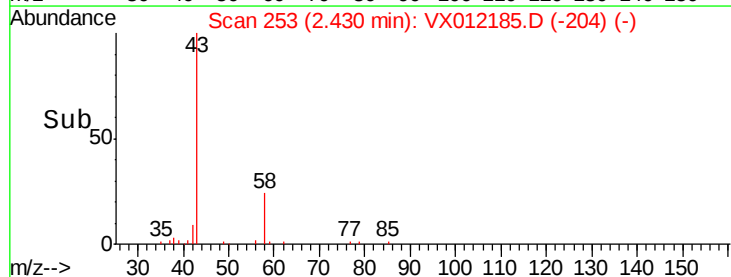
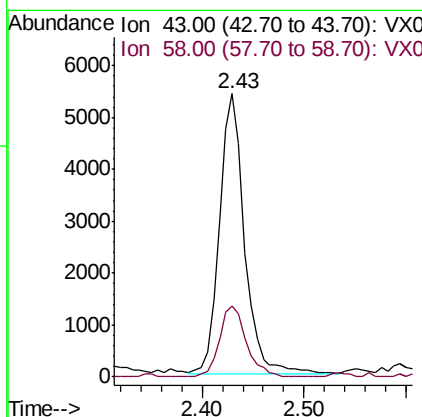
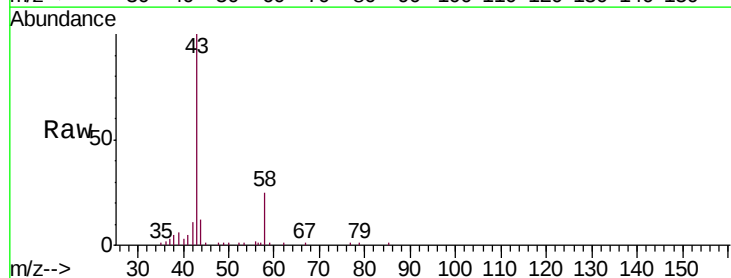
Instrument :
MSVOA_X
ClientSampled :
PAR-D2-(0)

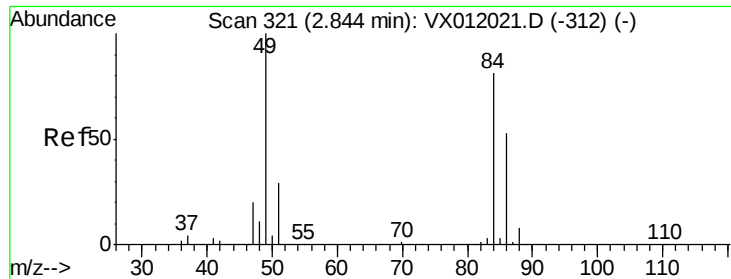
Tgt Ion: 59 Resp: 1575
Ion Ratio Lower Upper
59 100
57 12.7 7.9 11.9#



#16
Acetone
Concen: 18.928 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

Tgt Ion: 43 Resp: 9195
Ion Ratio Lower Upper
43 100
58 25.3 22.8 34.2

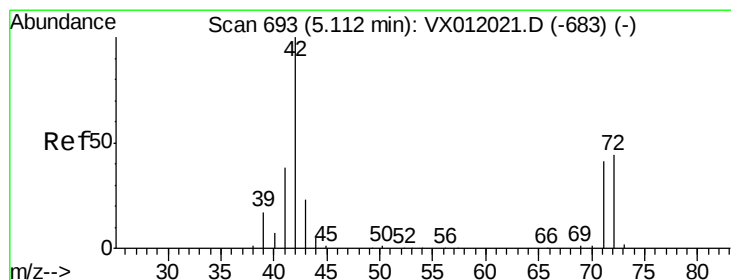
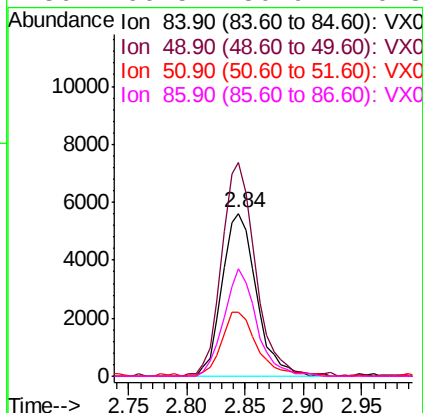
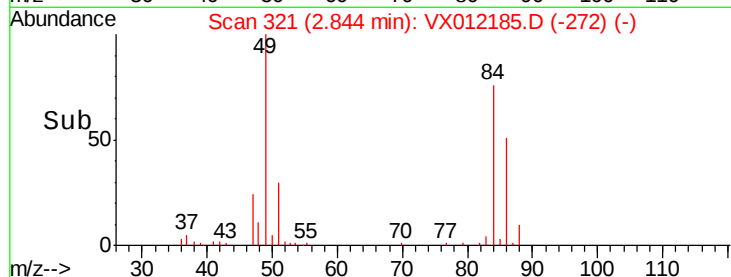
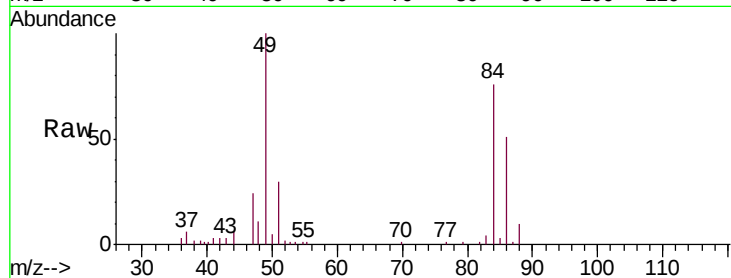




#20
Methylene Chloride
Concen: 5.880 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

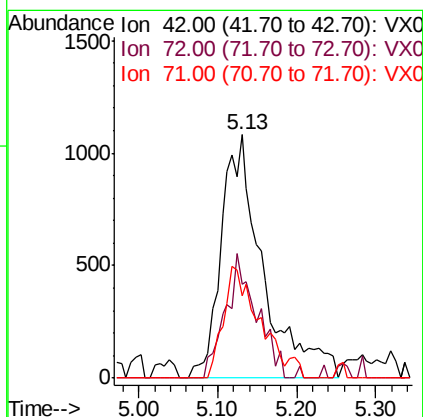
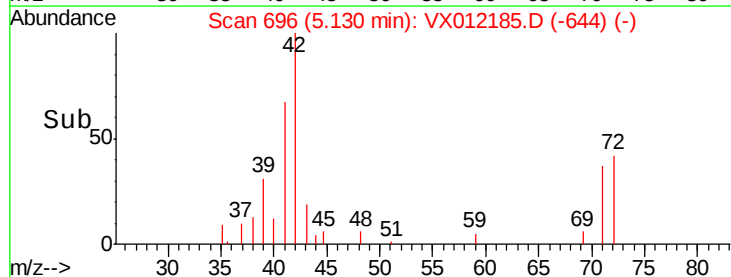
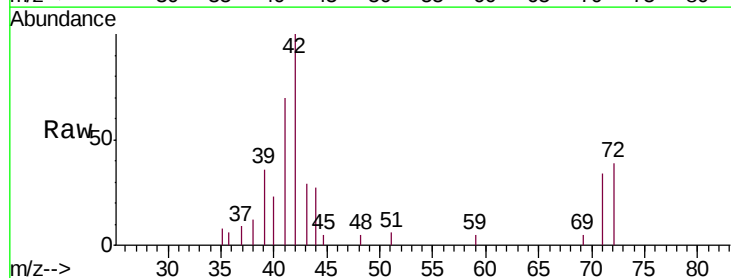
Instrument :
MSVOA_X
ClientSampled :
PAR-D2-(0)

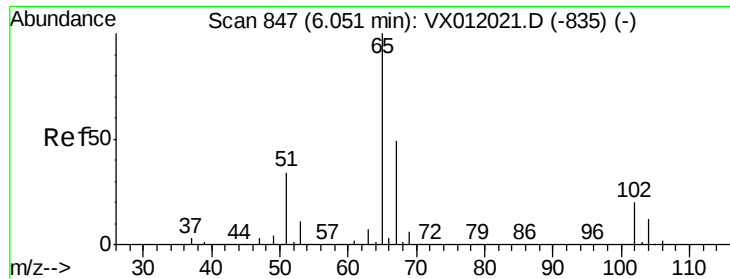
Tgt Ion:	84	Resp:	11471
Ion	Ratio	Lower	Upper
84	100		
49	131.3	95.8	143.8
51	39.6	28.6	43.0
86	66.5	50.9	76.3



#29
Tetrahydrofuran
Concen: 10.753 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

Tgt Ion:	42	Resp:	4006
Ion	Ratio	Lower	Upper
42	100		
72	38.2	37.0	55.4
71	37.7	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.974 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

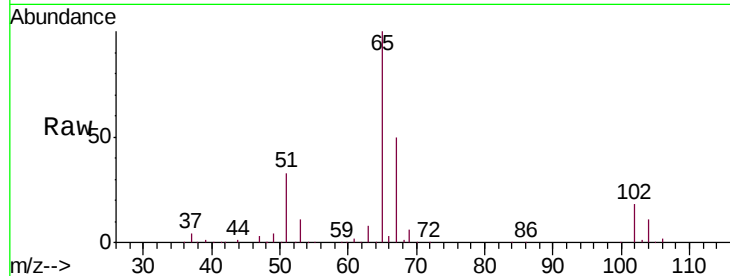
PAR-D2-(0)

Tgt Ion: 65 Resp: 103598

Ion Ratio Lower Upper

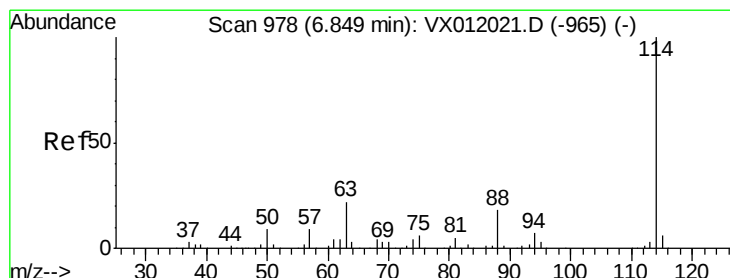
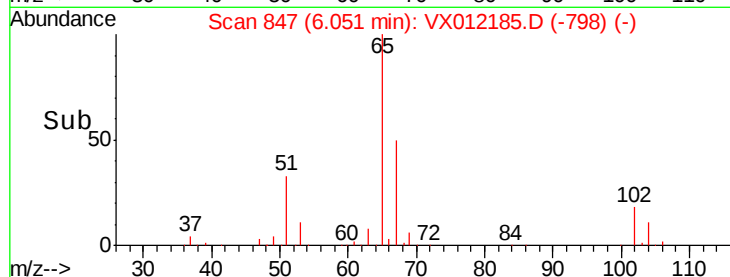
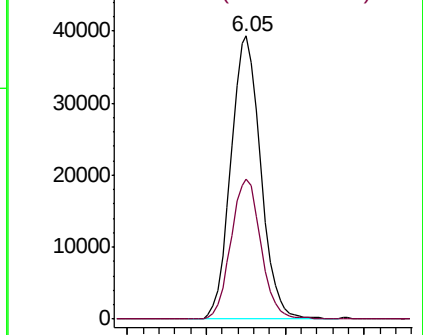
65 100

67 49.7 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

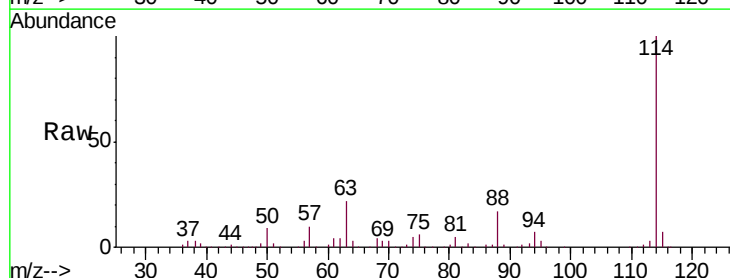
Tgt Ion: 114 Resp: 259087

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

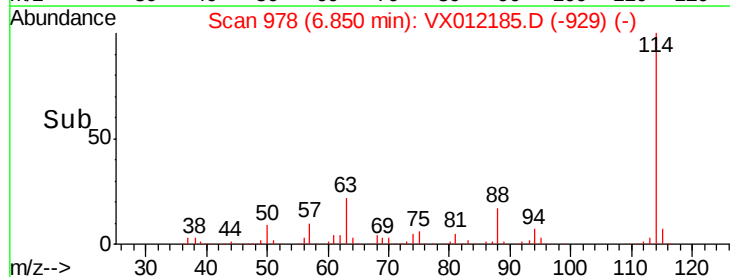
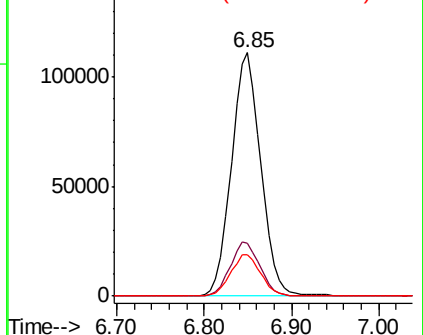
88 17.0 0.0 29.6

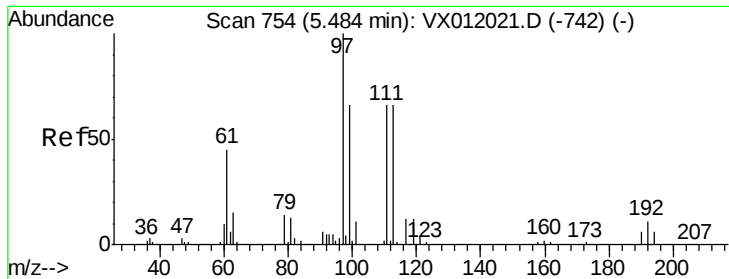


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.159 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(0)

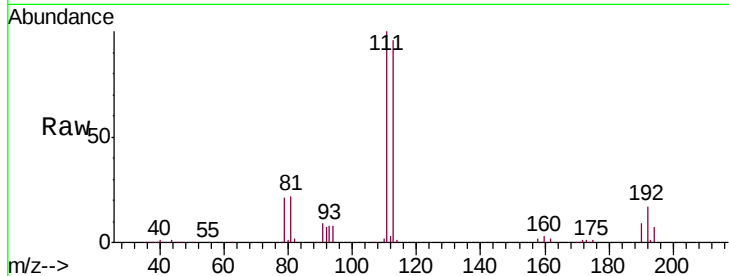
Tgt Ion:113 Resp: 76732

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

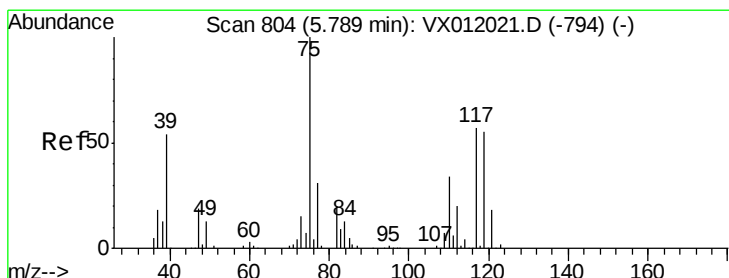
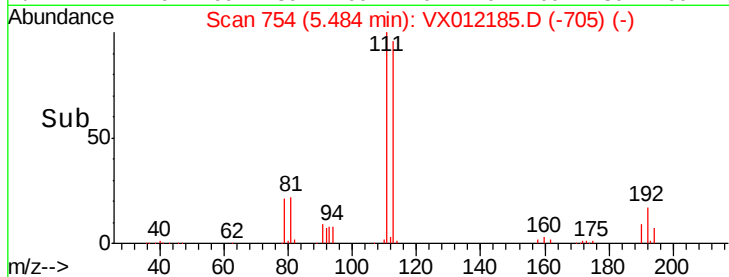
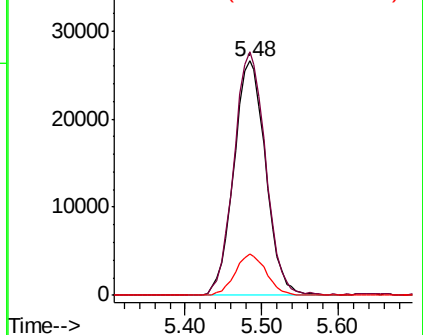
192 17.3 22.5 33.7#



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: 6.005 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

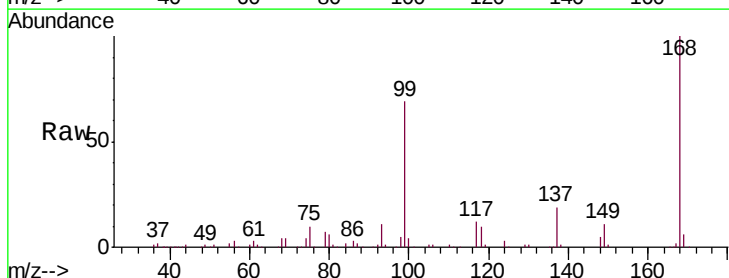
Tgt Ion: 75 Resp: 13703

Ion Ratio Lower Upper

75 100

110 10.0 19.5 58.5#

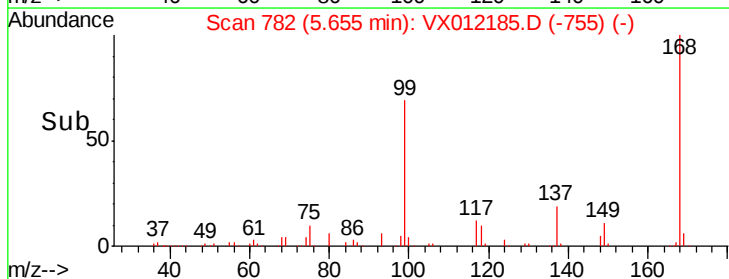
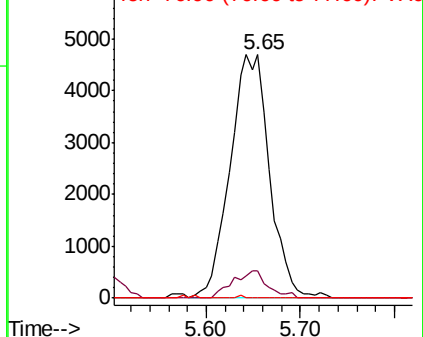
77 0.1 24.6 37.0#

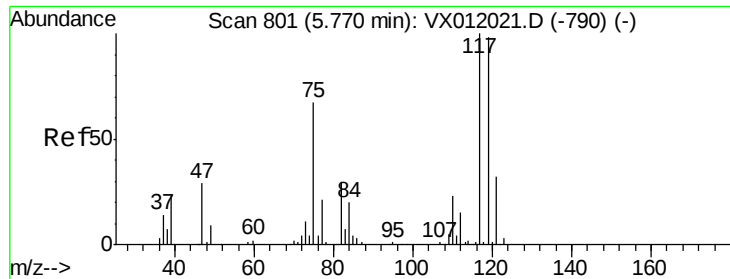


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

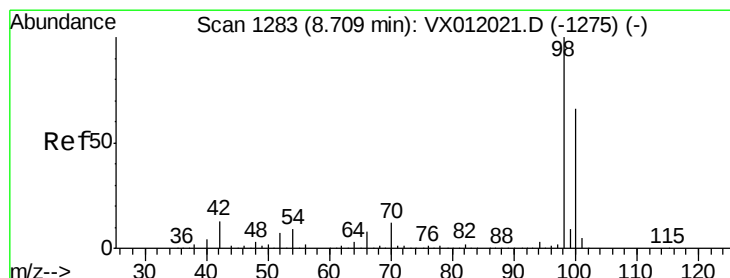
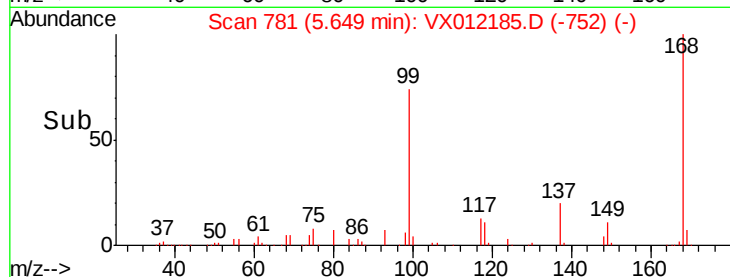
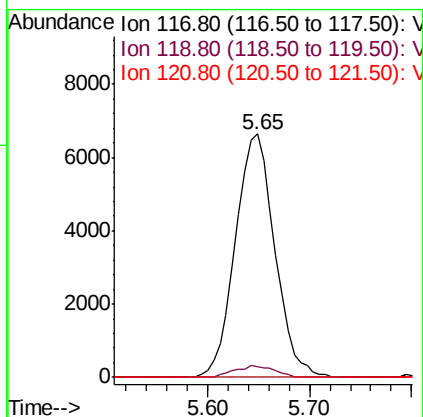
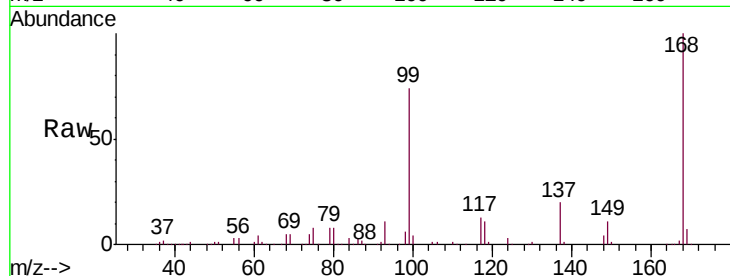




#38
Carbon Tetrachloride
Concen: 7.407 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

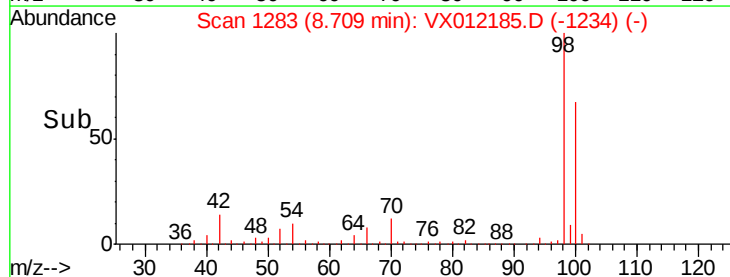
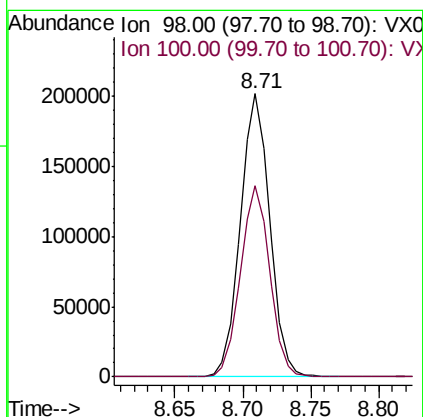
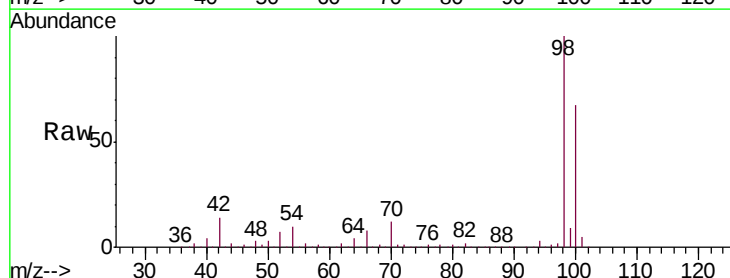
Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(0)

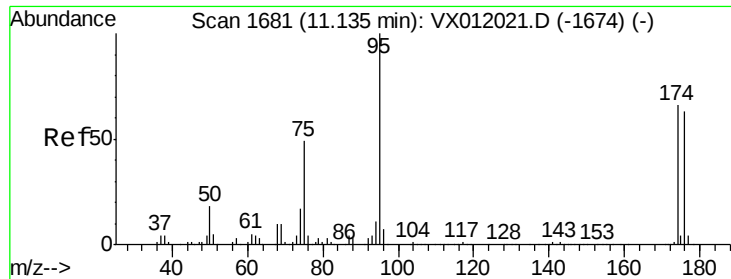
Tgt Ion:117 Resp: 17811
Ion Ratio Lower Upper
117 100
119 4.2 78.3 117.5#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.143 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

Tgt Ion: 98 Resp: 304868
Ion Ratio Lower Upper
98 100
100 67.5 53.3 79.9

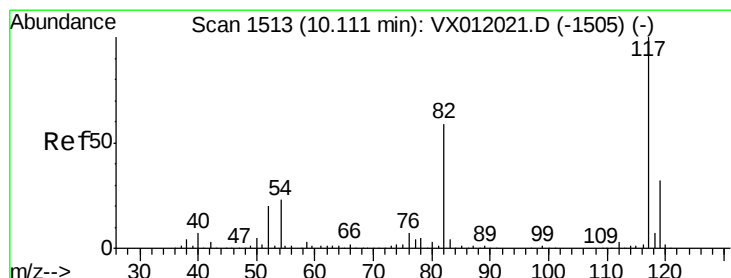
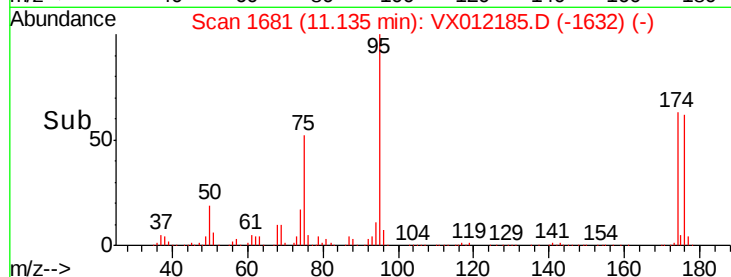
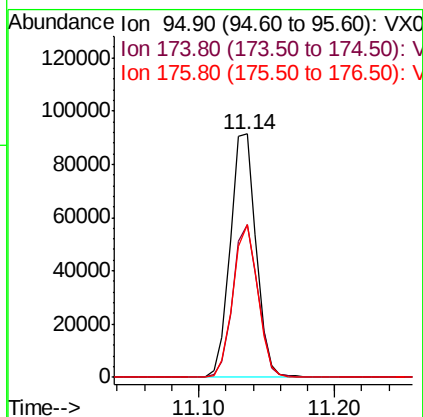
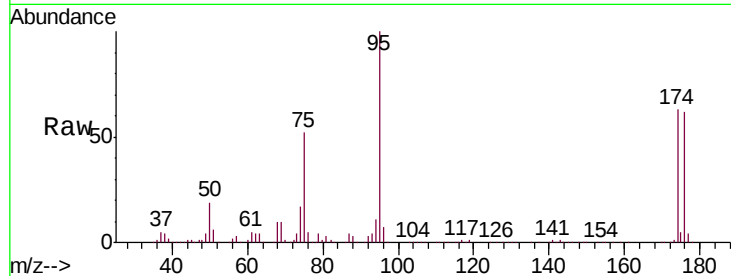




#62
4-Bromofluorobenzene
Concen: 44.368 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

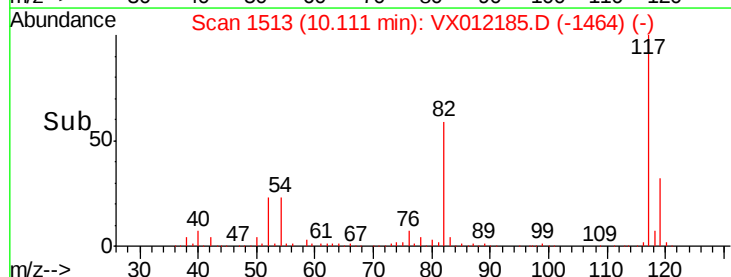
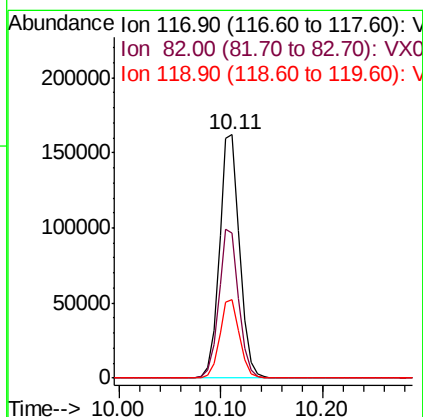
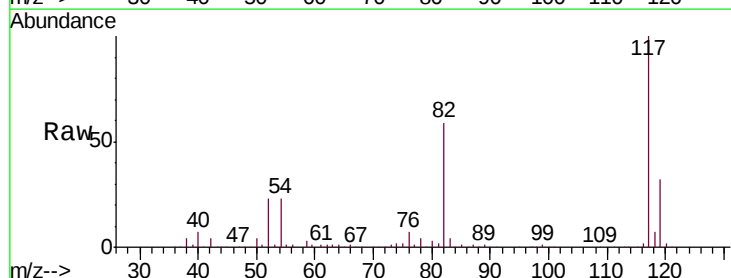
Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(0)

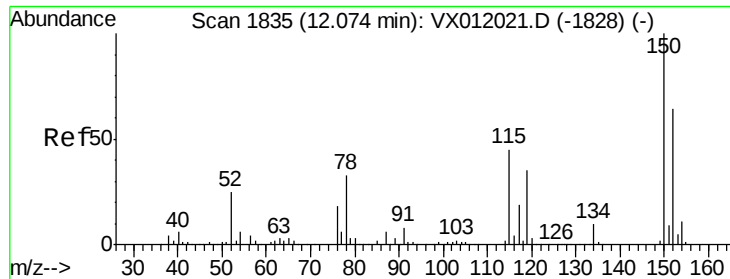
Tgt Ion: 95 Resp: 120641
Ion Ratio Lower Upper
95 100
174 61.2 0.0 205.4
176 60.7 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

Tgt Ion: 117 Resp: 223740
Ion Ratio Lower Upper
117 100
82 59.3 39.4 59.0#
119 32.1 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: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(0)

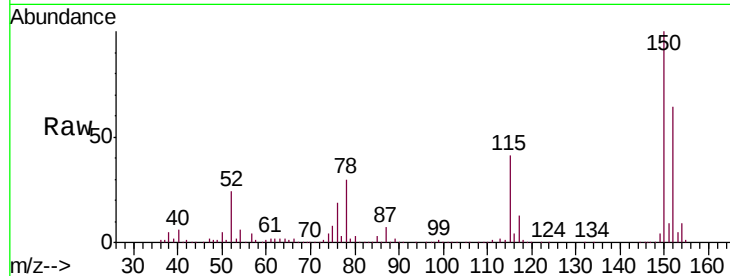
Tgt Ion:152 Resp: 94033

Ion Ratio Lower Upper

152 100

115 64.7 36.4 109.3

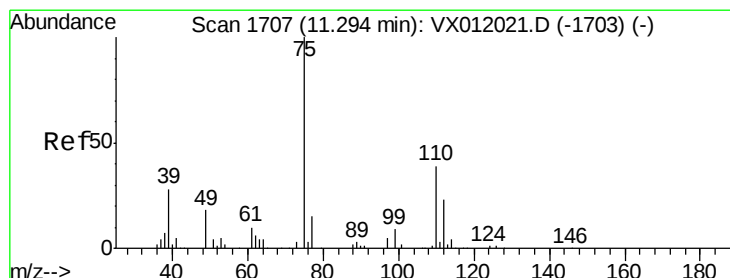
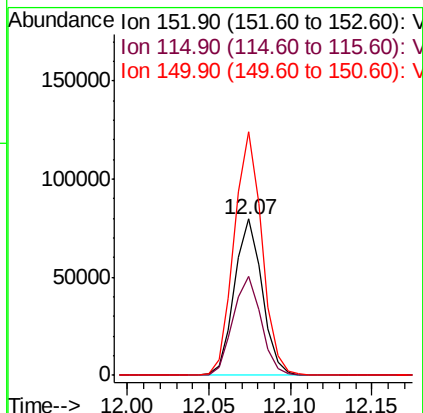
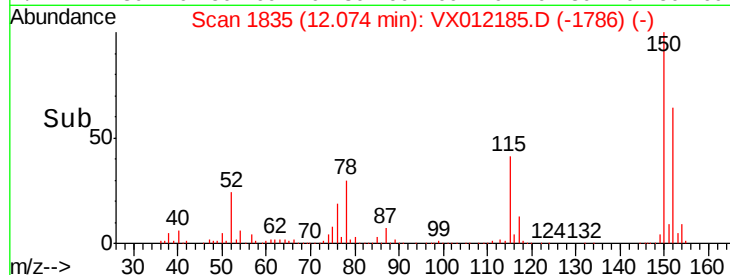
150 156.8 0.0 341.2



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: 55.281 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012185.D

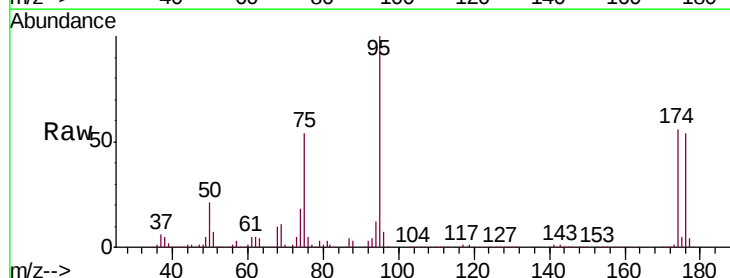
Acq: 07 Sep 2019 19:23

Tgt Ion: 75 Resp: 63515

Ion Ratio Lower Upper

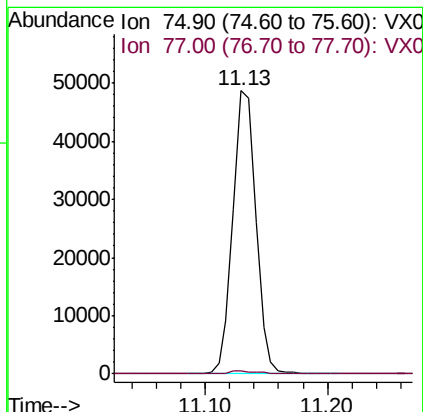
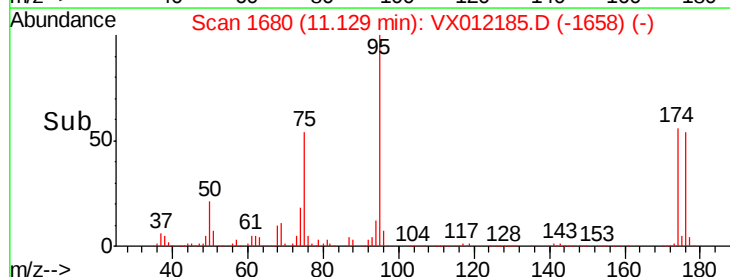
75 100

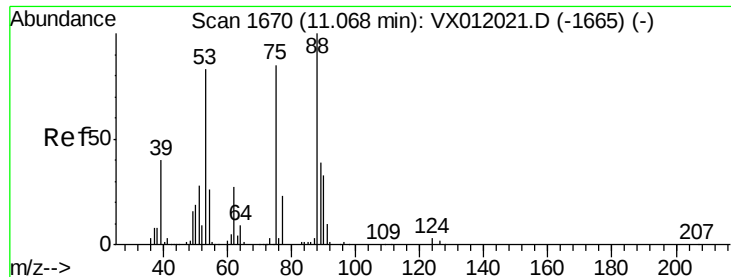
77 1.2 23.5 70.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 130.694 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(0)

Tgt Ion: 75 Resp: 63515

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.1 38.8 58.2#

