

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012232.D
 Acq On : 08 Sep 2019 19:28
 Operator : SY/SP
 Sample : K4622-17
 Misc : 5.40g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(4)

Quant Time: Sep 09 01:51:40 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	142043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	98572	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.48	113	74846	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	294483	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.13	95	112544	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

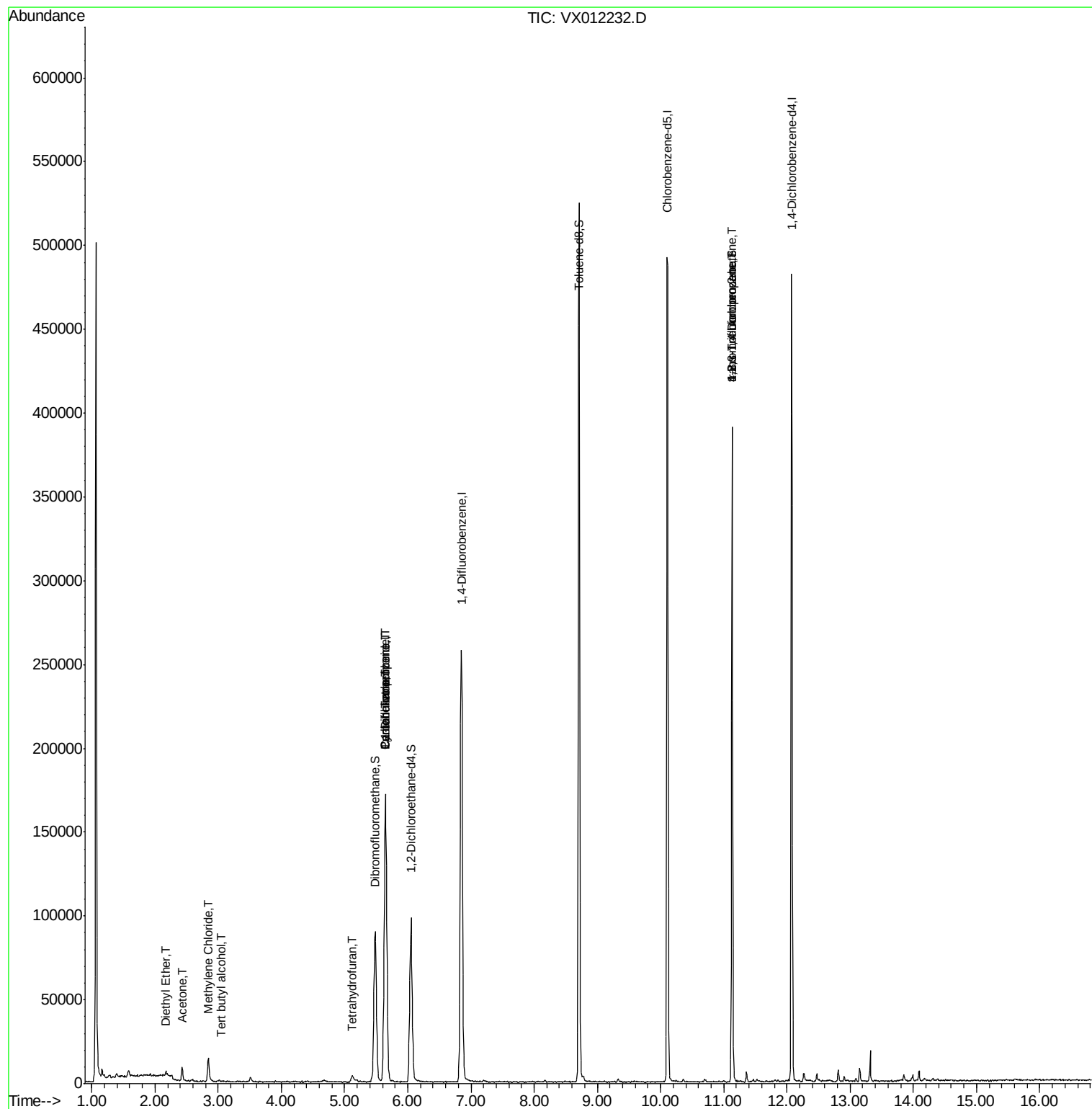
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	833	1.230	ug/l	97
11) Tert butyl alcohol	3.05	59	718	3.814	ug/l #	89
13) Acrolein	2.27	56	157	Below Cal		89
16) Acetone	2.42	43	8942	19.088	ug/l	98
20) Methylene Chloride	2.84	84	6311	3.355	ug/l #	87
29) Tetrahydrofuran	5.12	42	3747	10.429	ug/l	98
31) Cyclohexane	5.65	56	4227	1.759	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	13032	5.975	ug/l #	49
38) Carbon Tetrachloride	5.65	117	17141	7.458	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	59664	55.209	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	59664	130.523	ug/l #	10

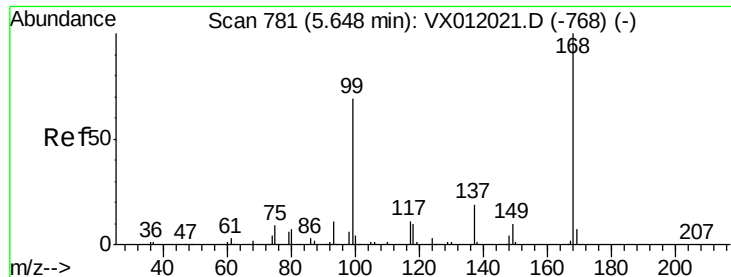
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
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Quant Time: Sep 09 01:51:40 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: VX012232.D

Acq: 08 Sep 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

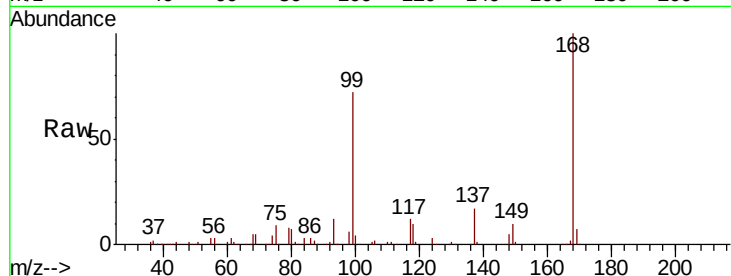
PAR-11-B3-(4)

Tgt Ion: 168 Resp: 142043

Ion Ratio Lower Upper

168 100

99 72.0 37.6 56.4#

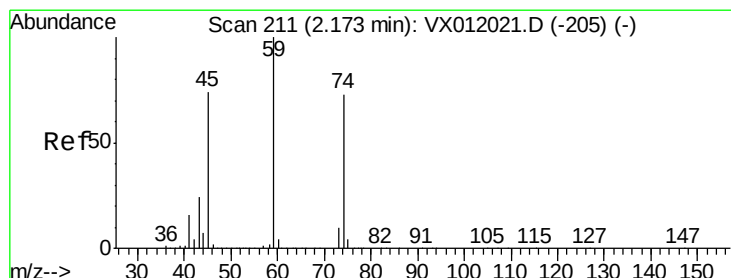
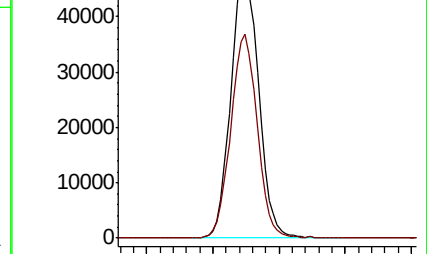
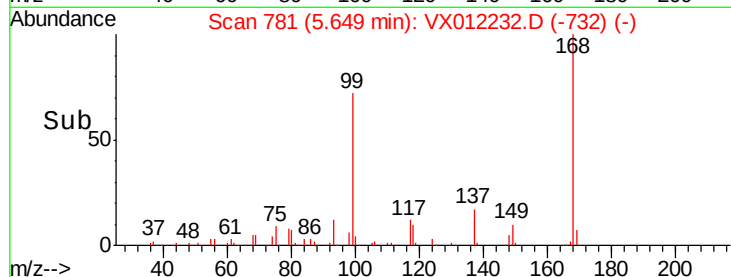


Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->



#8

Diethyl Ether

Concen: 1.230 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012232.D

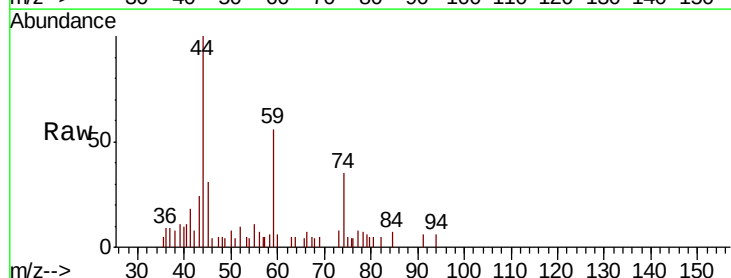
Acq: 08 Sep 2019 19:28

Tgt Ion: 74 Resp: 833

Ion Ratio Lower Upper

74 100

45 94.1 45.9 137.6

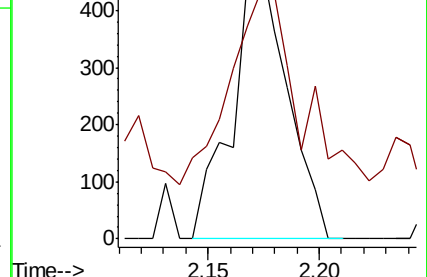
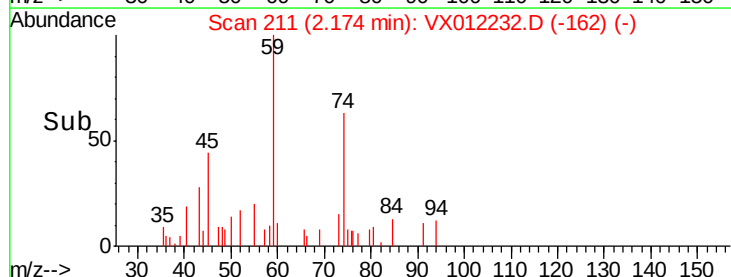


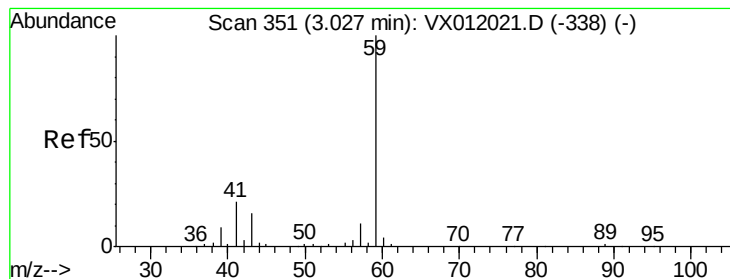
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

Time-->



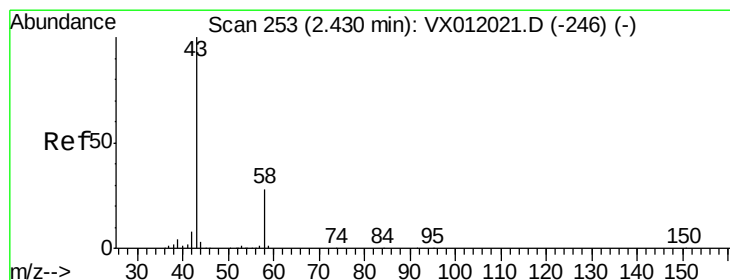
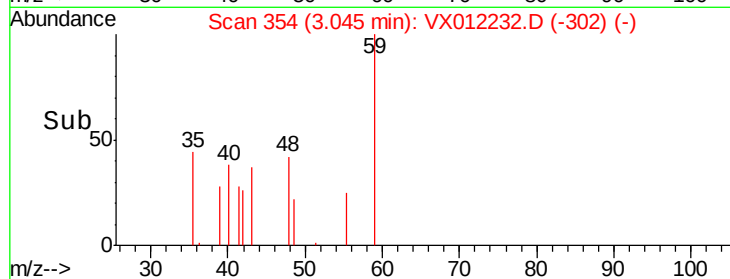
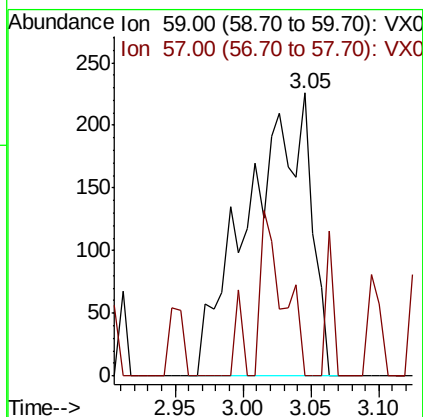
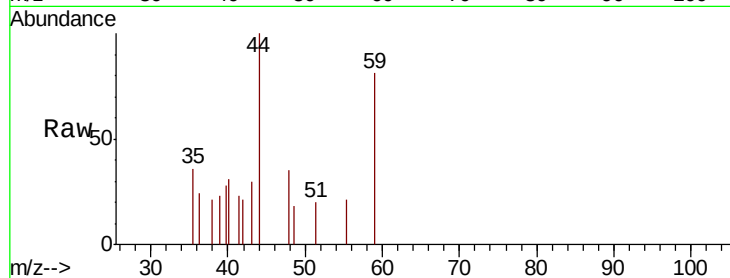


#11

Tert butyl alcohol
 Concen: 3.814 ug/l
 RT: 3.05 min Scan# 354
 Delta R.T. 0.02 min
 Lab File: VX012232.D
 Acq: 08 Sep 2019 19:28

Instrument :
 MSVOA_X
 ClientSampled :
 PAR-11-B3-(4)

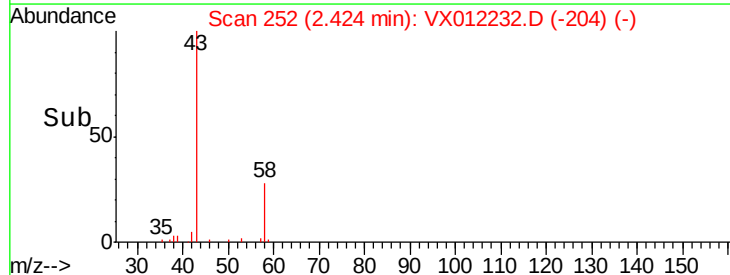
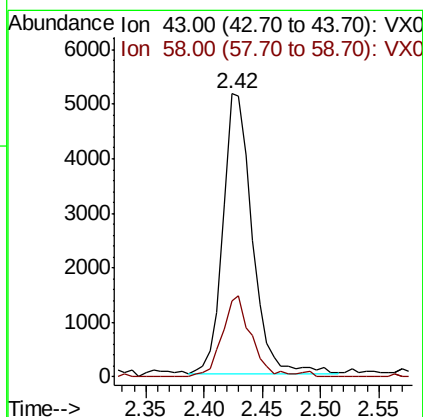
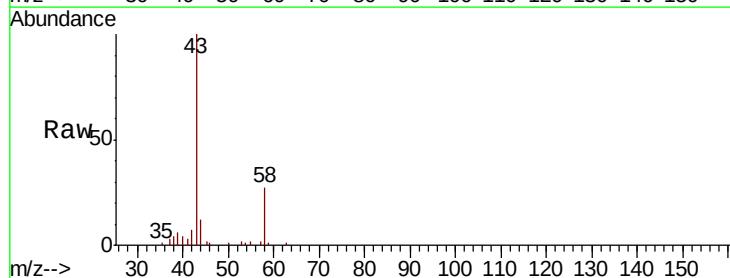
Tgt Ion: 59 Resp: 718
 Ion Ratio Lower Upper
 59 100
 57 5.8 7.9 11.9#

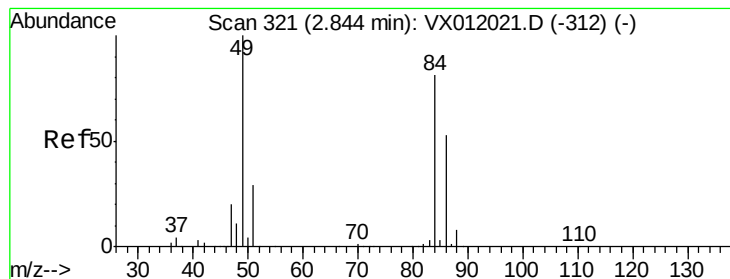


#16

Acetone
 Concen: 19.088 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VX012232.D
 Acq: 08 Sep 2019 19:28

Tgt Ion: 43 Resp: 8942
 Ion Ratio Lower Upper
 43 100
 58 27.3 22.8 34.2





#20

Methylene Chloride

Concen: 3.355 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012232.D

Acq: 08 Sep 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B3-(4)

Tgt Ion: 84 Resp: 6311

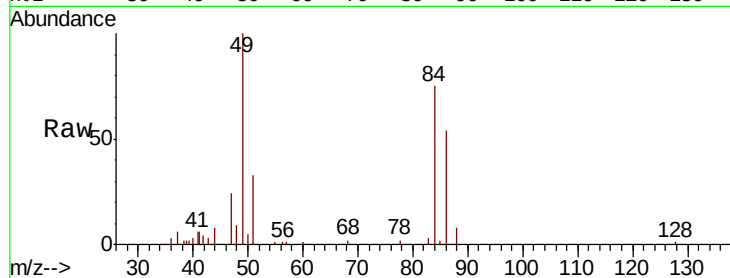
Ion Ratio Lower Upper

84 100

49 133.8 95.8 143.8

51 44.5 28.6 43.0#

86 72.5 50.9 76.3

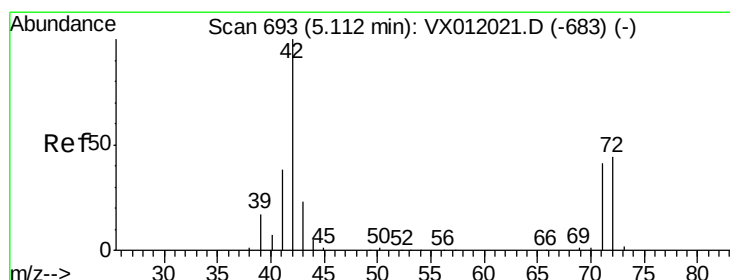
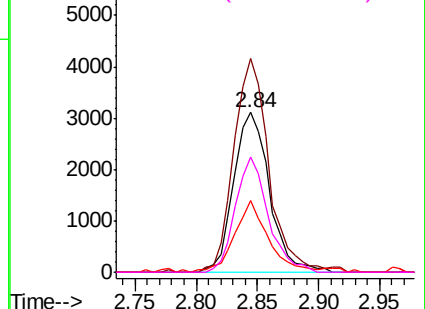
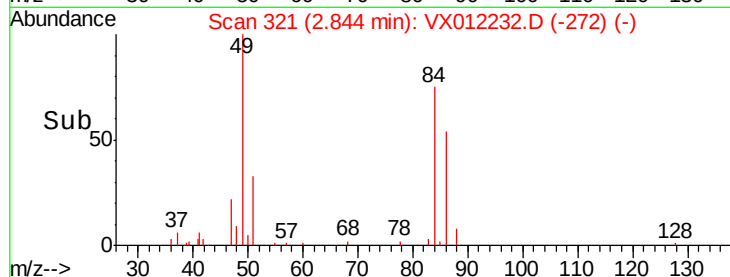


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29

Tetrahydrofuran

Concen: 10.429 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012232.D

Acq: 08 Sep 2019 19:28

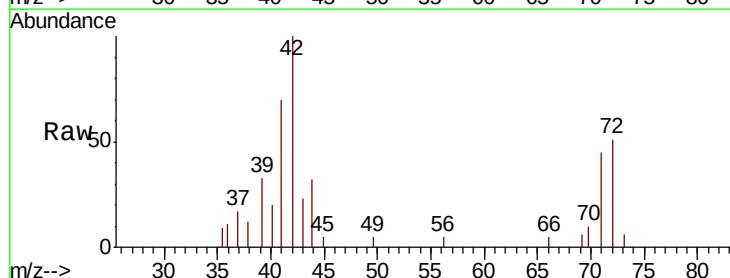
Tgt Ion: 42 Resp: 3747

Ion Ratio Lower Upper

42 100

72 48.5 37.0 55.4

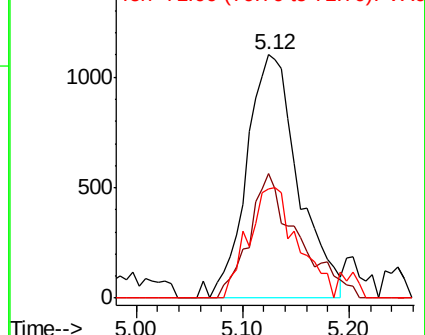
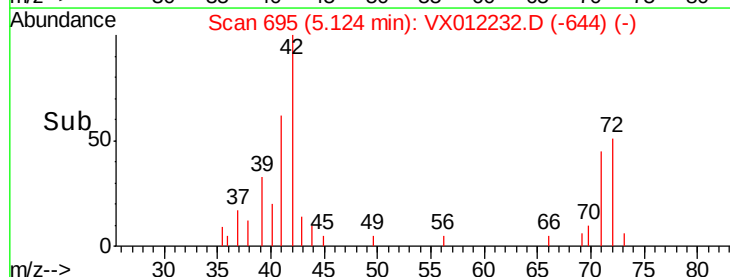
71 43.0 33.8 50.8

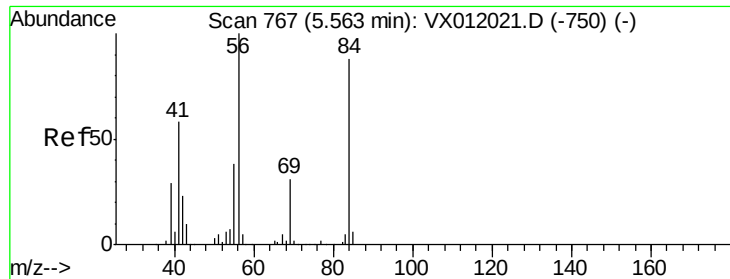


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

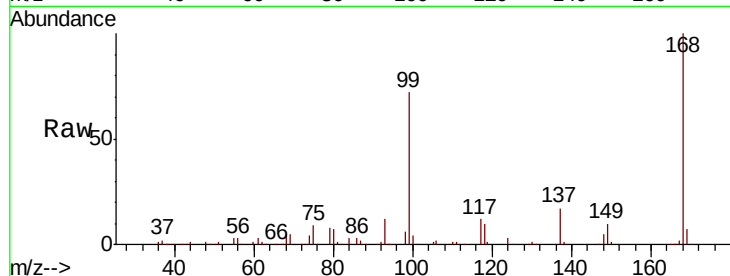




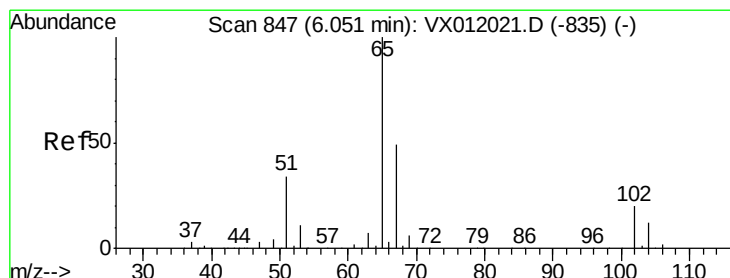
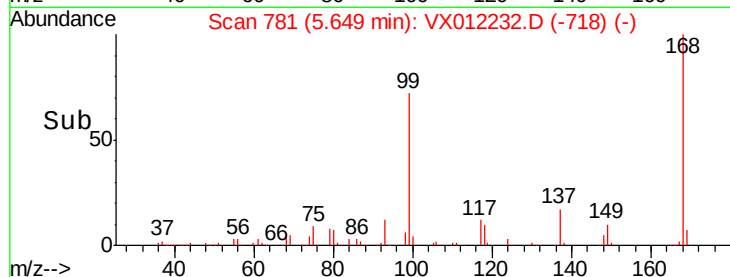
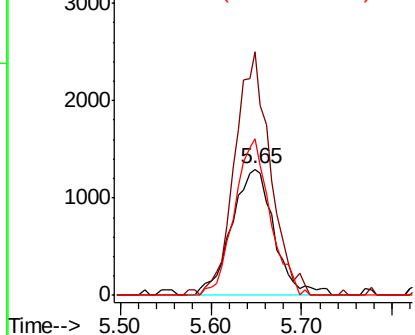
#31
Cyclohexane
Concen: 1.759 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(4)

Tgt Ion: 56 Resp: 4227
Ion Ratio Lower Upper
56 100
69 193.1 25.7 38.5#
84 123.9 70.3 105.5#

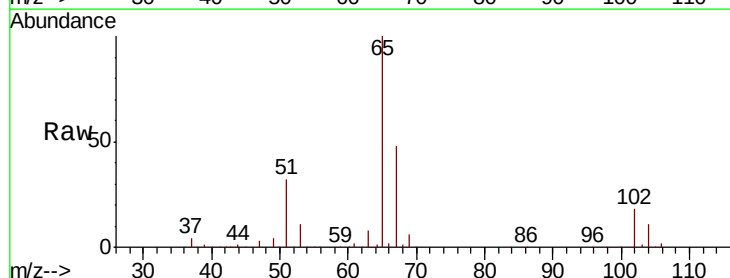


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

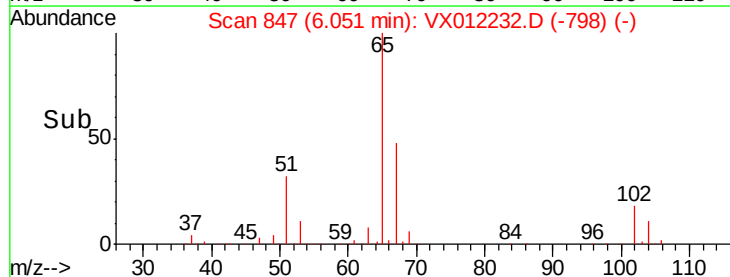
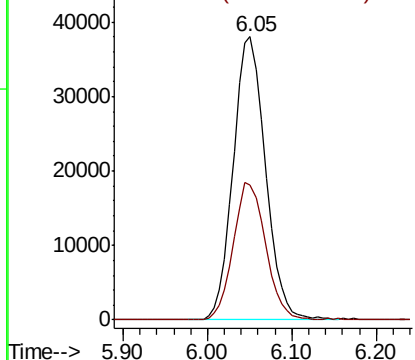


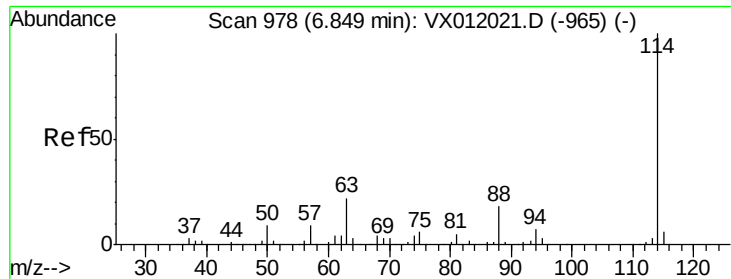
#33
1,2-Dichloroethane-d4
Concen: 50.294 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Tgt Ion: 65 Resp: 98572
Ion Ratio Lower Upper
65 100
67 48.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

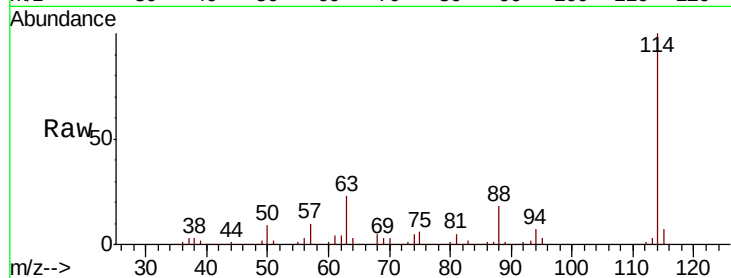




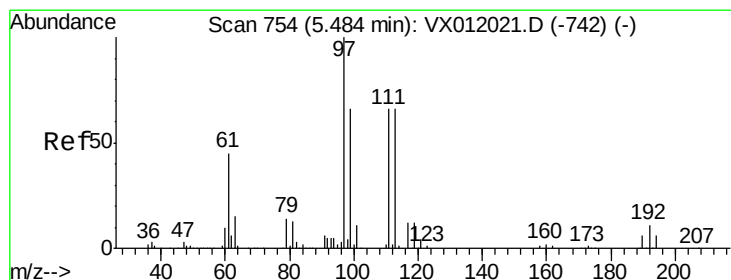
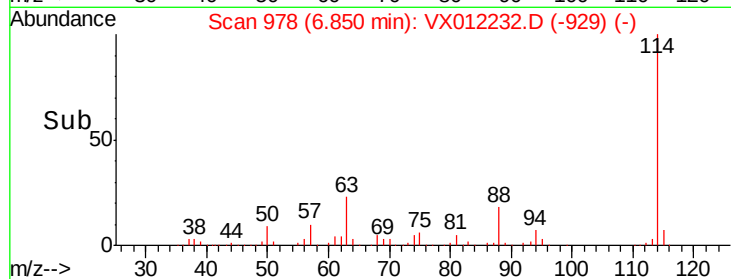
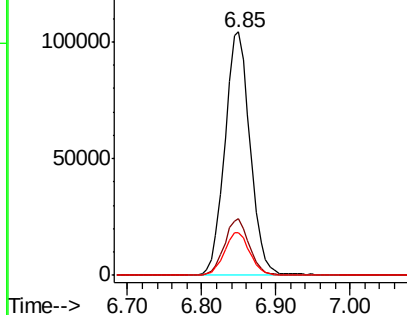
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012232.D
 Acq: 08 Sep 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(4)

Tgt Ion:114 Resp: 247631
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.4
 88 17.7 0.0 29.6

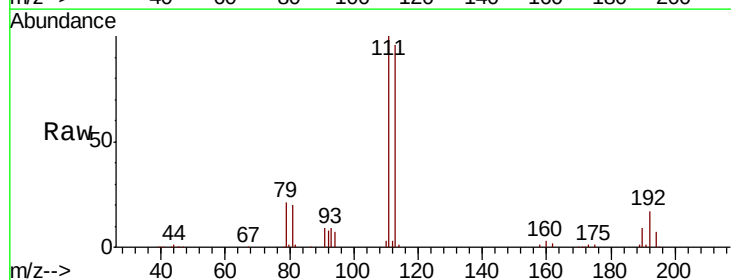


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

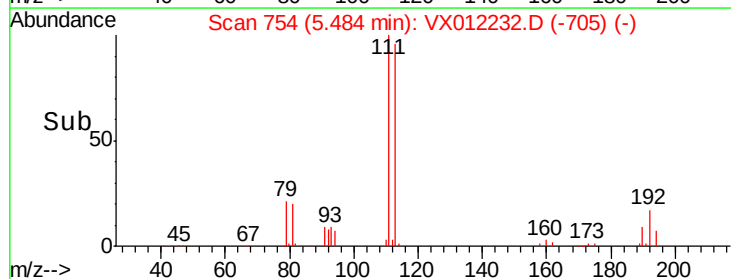
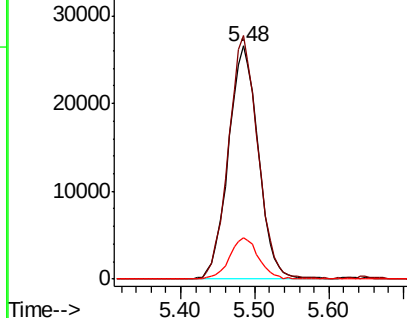


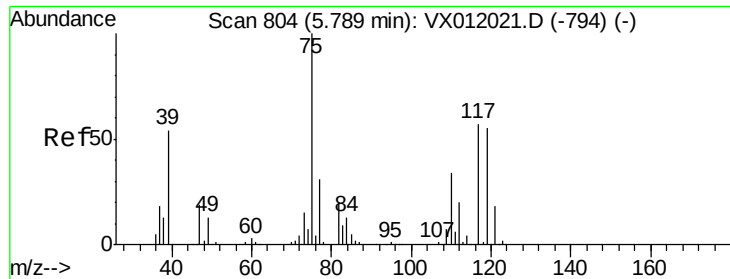
#35
 Dibromofluoromethane
 Concen: 49.148 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012232.D
 Acq: 08 Sep 2019 19:28

Tgt Ion:113 Resp: 74846
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 17.2 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

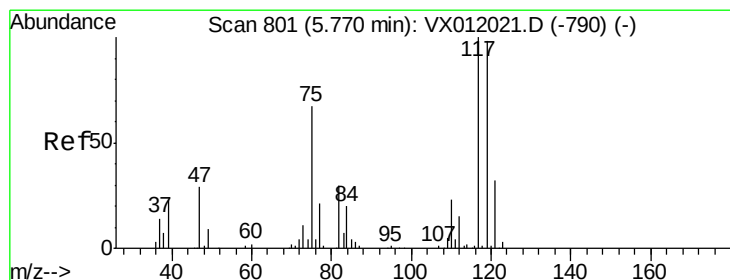
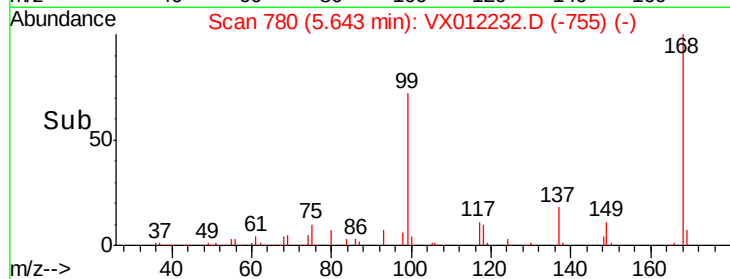
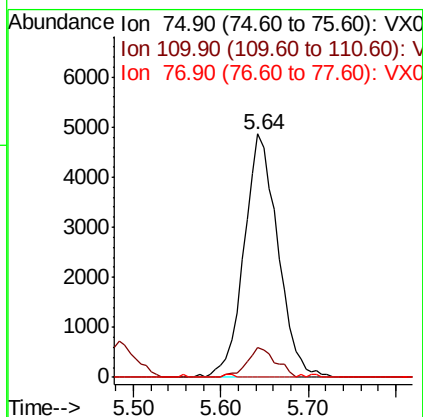
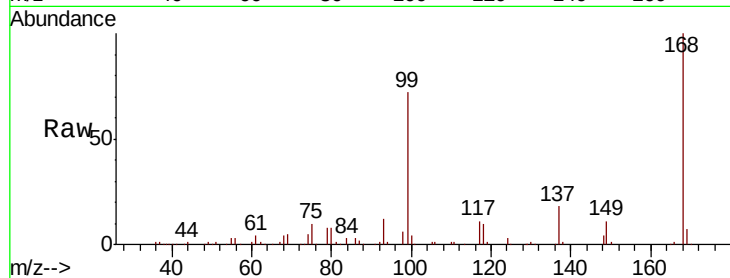




#36
 1,1-Dichloropropene
 Concen: 5.975 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012232.D
 Acq: 08 Sep 2019 19:28

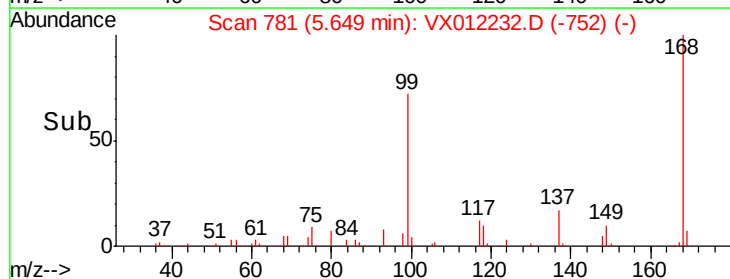
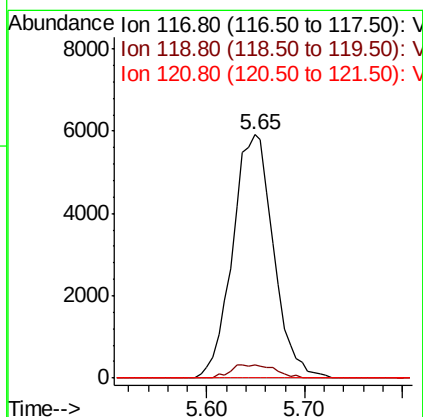
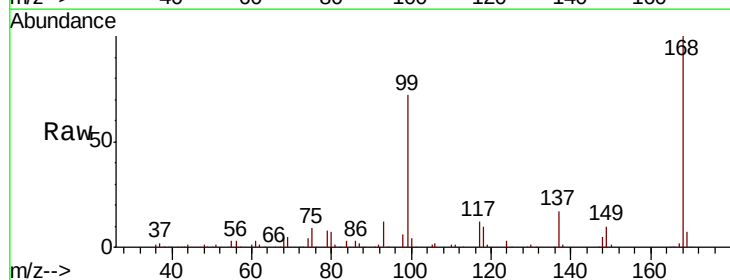
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 PAR-11-B3-(4)

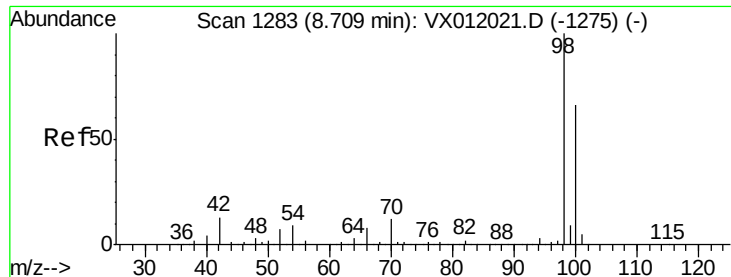
Tgt Ion: 75 Resp: 13032
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.458 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012232.D
 Acq: 08 Sep 2019 19:28

Tgt Ion: 117 Resp: 17141
 Ion Ratio Lower Upper
 117 100
 119 5.3 78.3 117.5#
 121 0.0 24.2 36.2#

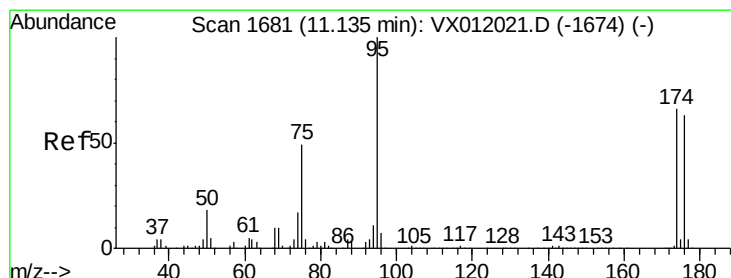
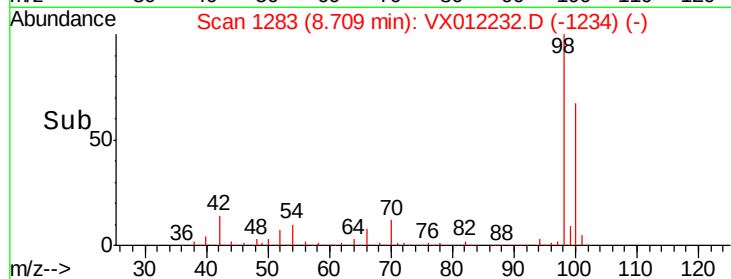
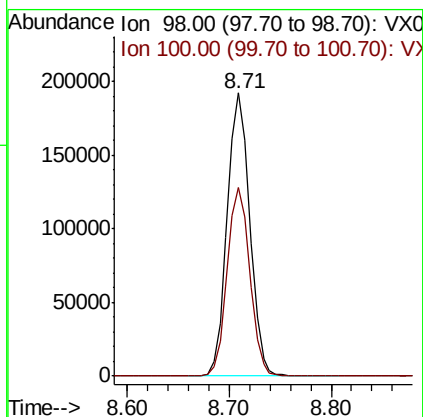
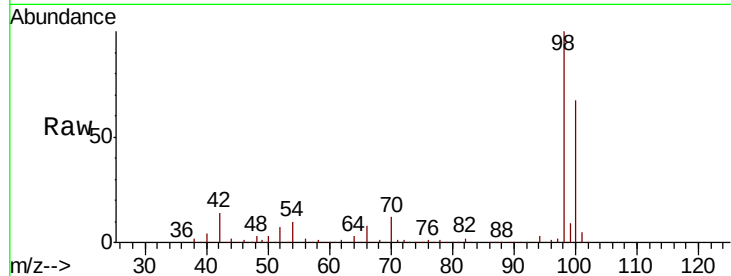




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

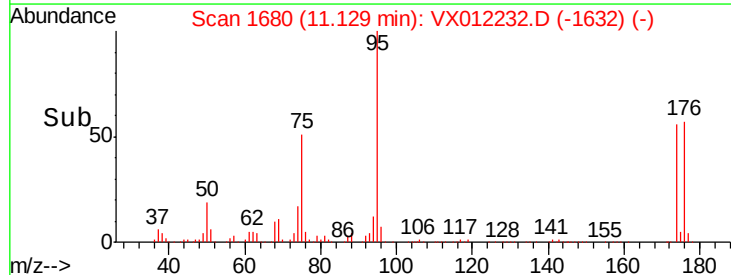
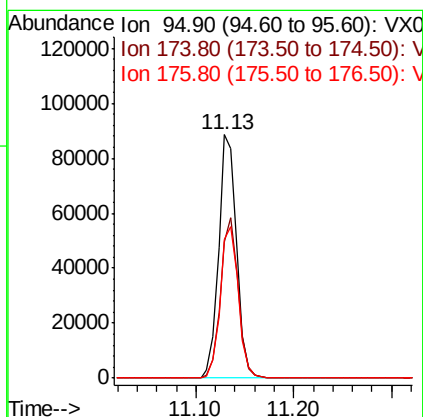
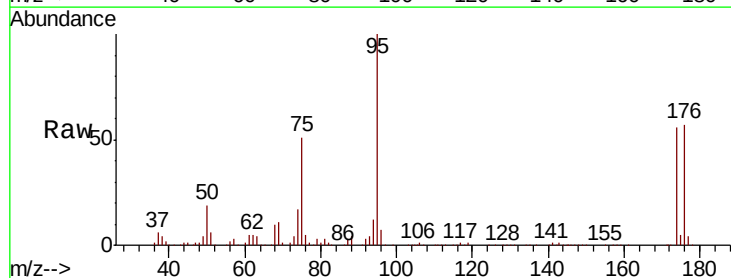
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(4)

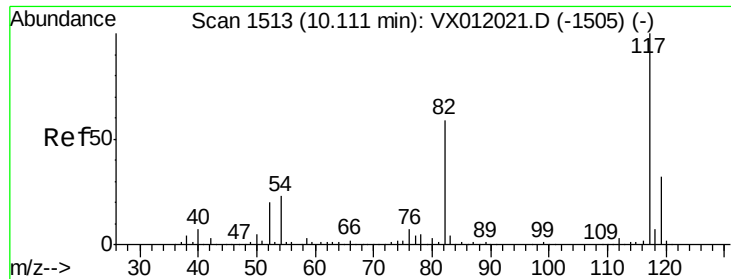
Tgt Ion: 98 Resp: 294483
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.305 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Tgt Ion: 95 Resp: 112544
Ion Ratio Lower Upper
95 100
174 64.7 0.0 205.4
176 62.7 0.0 201.8

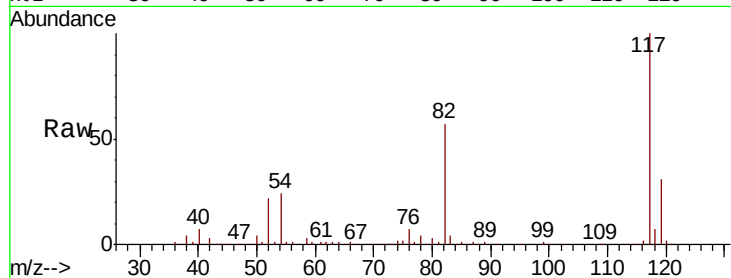




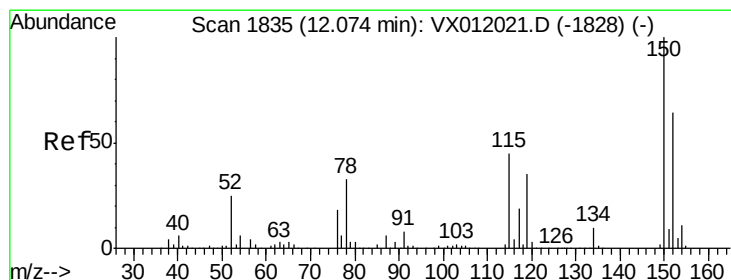
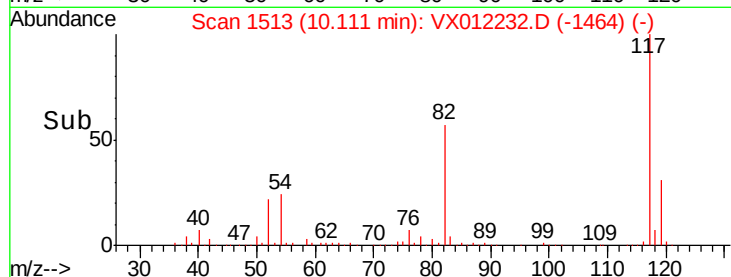
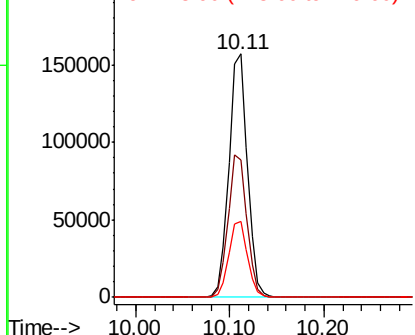
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(4)

Tgt Ion:117 Resp: 215047
Ion Ratio Lower Upper
117 100
82 56.7 39.4 59.0
119 31.4 26.1 39.1

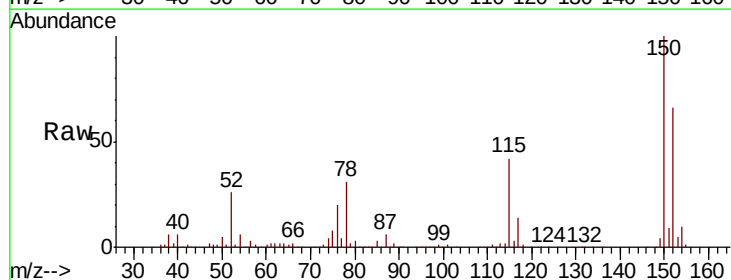


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

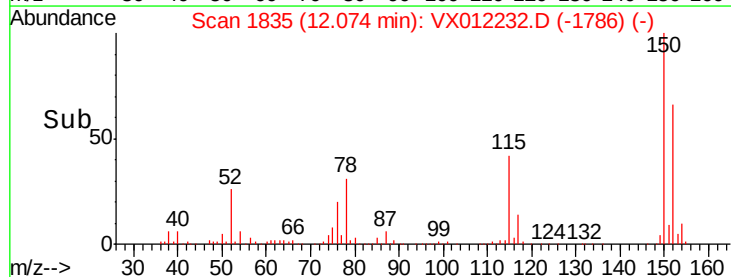
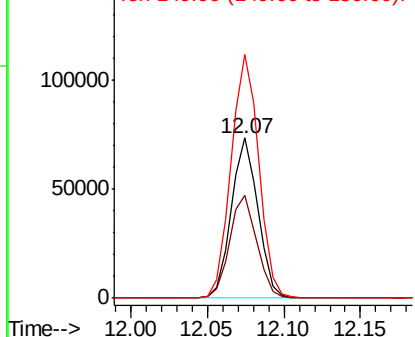


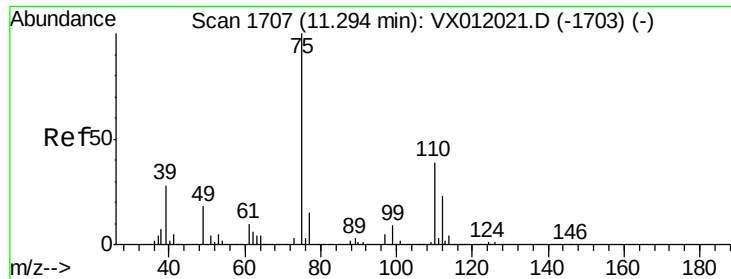
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Tgt Ion:152 Resp: 88447
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 157.1 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: 55.209 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012232.D

Acq: 08 Sep 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

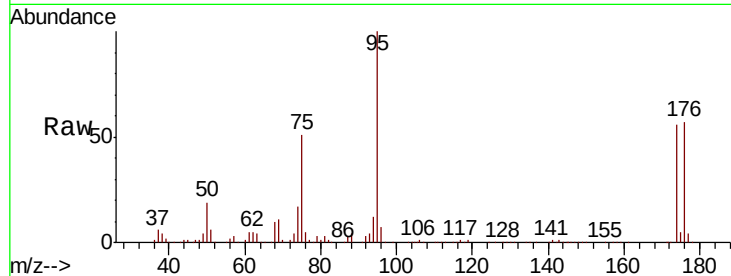
PAR-11-B3-(4)

Tgt Ion: 75 Resp: 59664

Ion Ratio Lower Upper

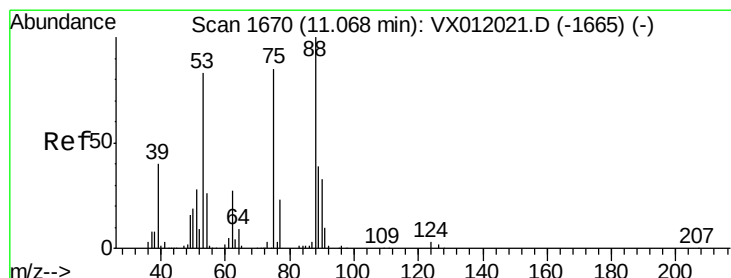
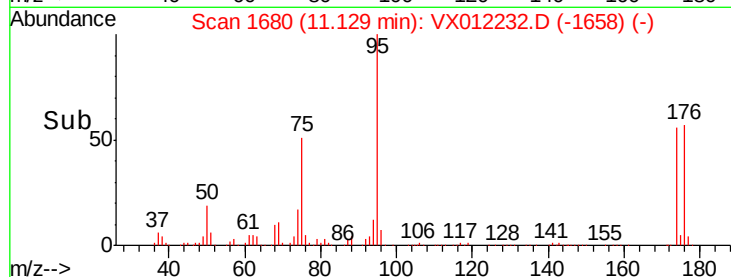
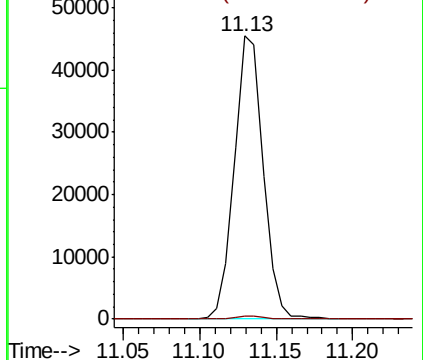
75 100

77 1.4 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: 130.523 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012232.D

Acq: 08 Sep 2019 19:28

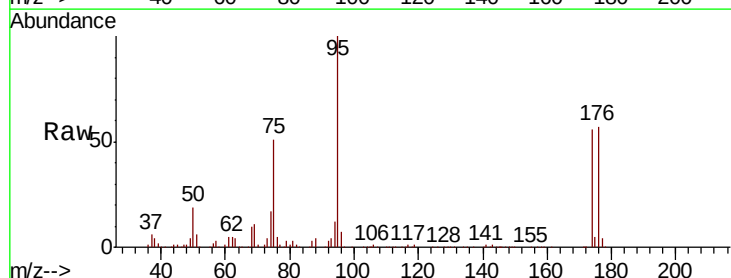
Tgt Ion: 75 Resp: 59664

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

