

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012230.D
 Acq On : 08 Sep 2019 18:32
 Operator : SY/SP
 Sample : K4622-15
 Misc : 5.27g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B1-(4)

Quant Time: Sep 09 01:51:20 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	5.64	168	142797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246350	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	89043	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	95831	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	5.48	113	72887	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	289926	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.14	95	110700	42.82	ug/l	0.00
Spiked Amount			Recovery	=	85.64%	

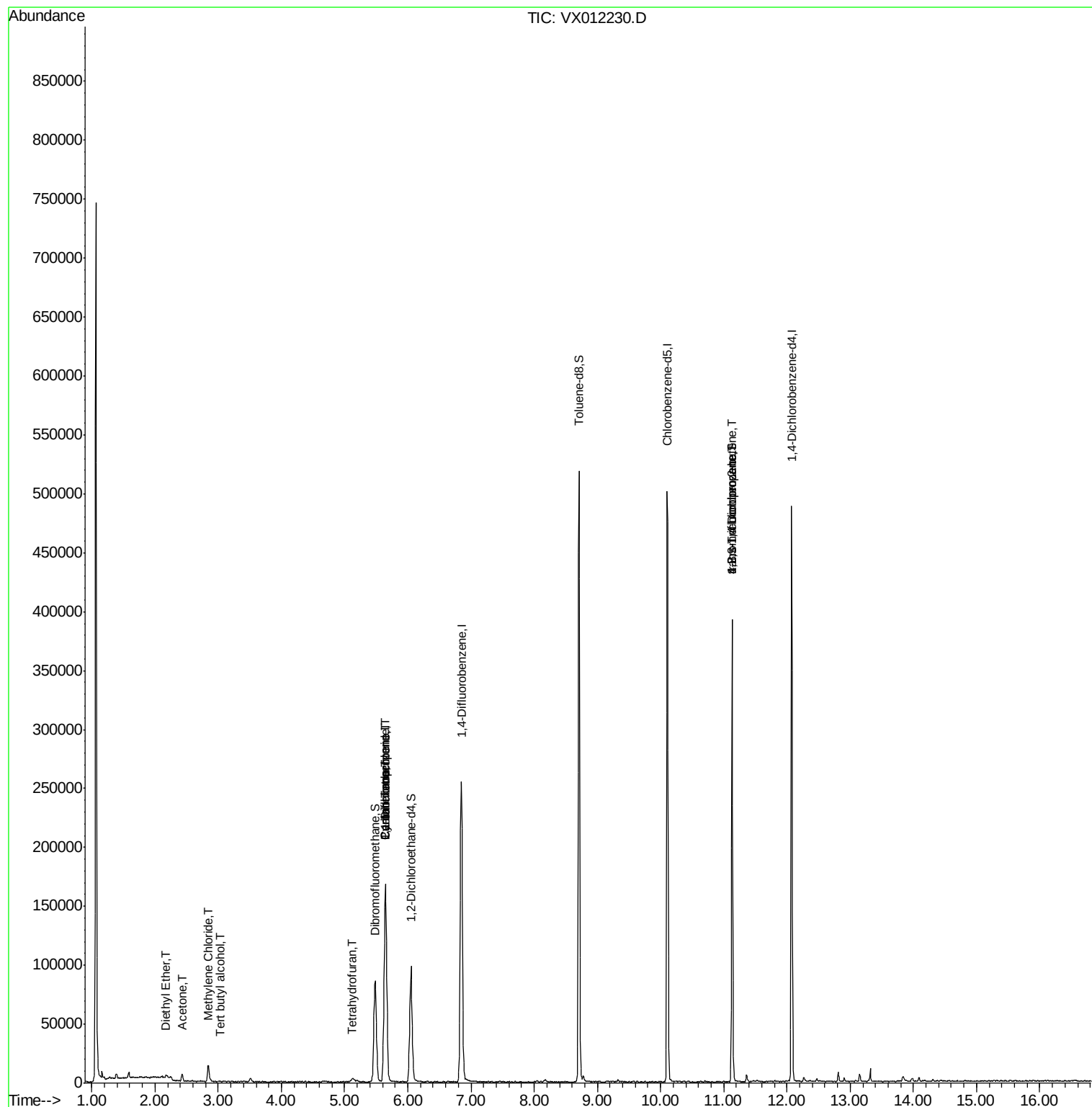
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	739	1.085	ug/l	87
11) Tert butyl alcohol	3.02	59	676	3.572	ug/l #	73
13) Acrolein	2.29	56	117	Below Cal	#	12
16) Acetone	2.43	43	7705	16.361	ug/l	98
20) Methylene Chloride	2.84	84	6232	3.295	ug/l	89
29) Tetrahydrofuran	5.12	42	2667	7.384	ug/l	89
31) Cyclohexane	5.64	56	3806	1.576	ug/l #	18
36) 1,1-Dichloropropene	5.65	75	13406	6.179	ug/l #	49
38) Carbon Tetrachloride	5.64	117	16854	7.372	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	57049	52.436	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	57049	123.967	ug/l #	10

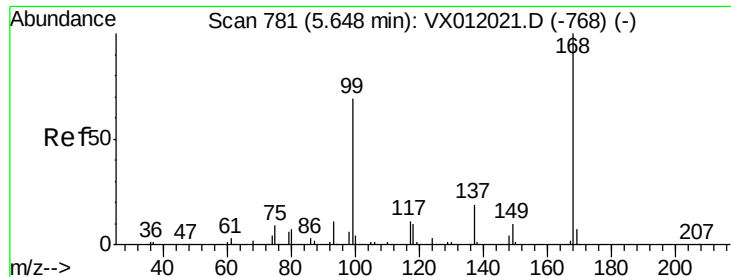
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012230.D

Acq: 08 Sep 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

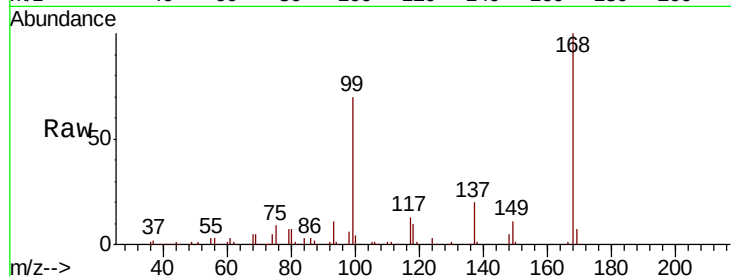
PAR-11-B1-(4)

Tgt Ion: 168 Resp: 142797

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

5.64

60000

50000

40000

30000

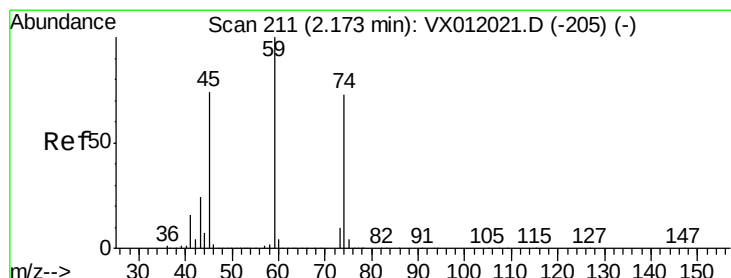
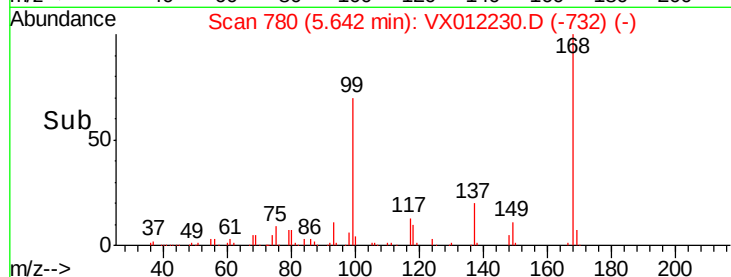
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.085 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX012230.D

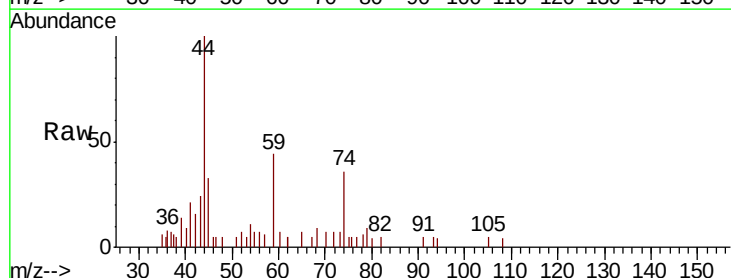
Acq: 08 Sep 2019 18:32

Tgt Ion: 74 Resp: 739

Ion Ratio Lower Upper

74 100

45 103.8 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

600

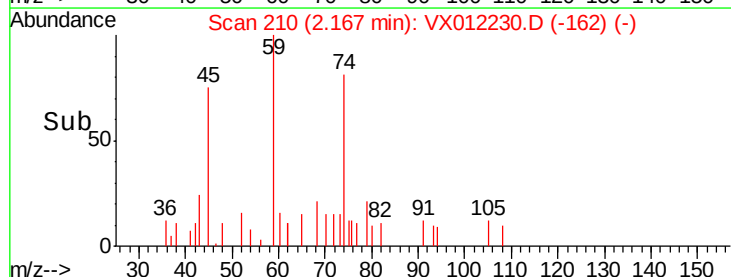
400

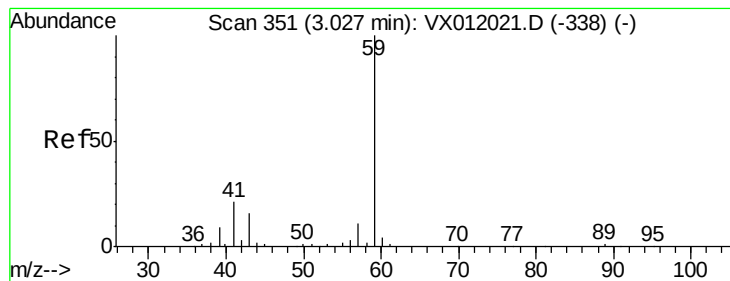
200

0

Time-->

2.15 2.20



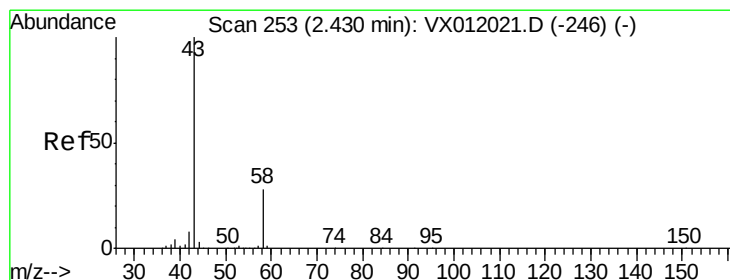
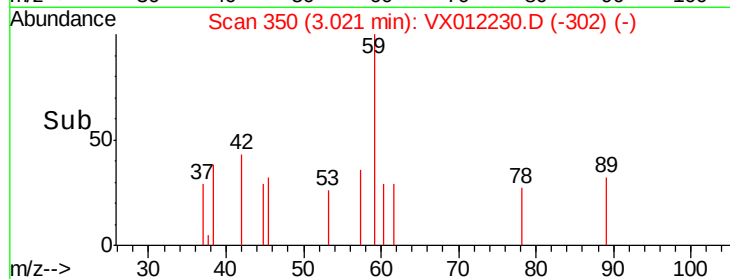
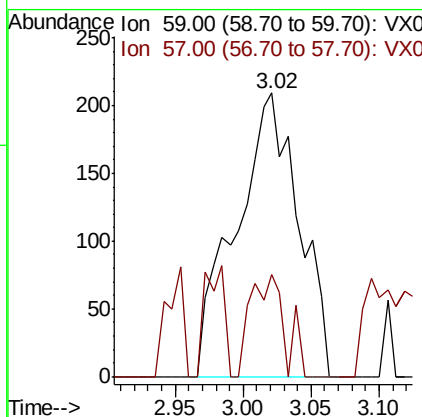
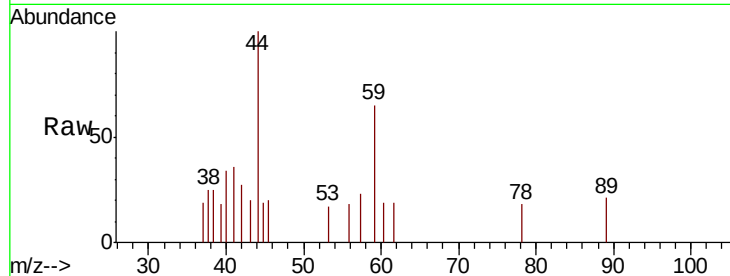


#11

Tert butyl alcohol
 Concen: 3.572 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B1-(4)

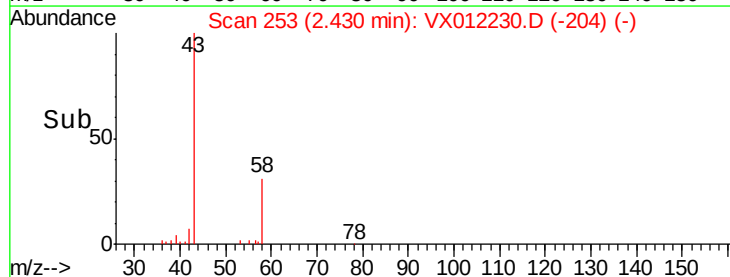
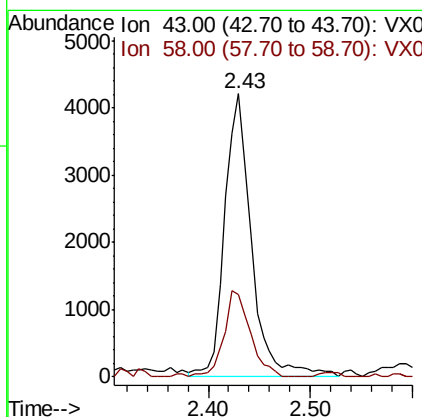
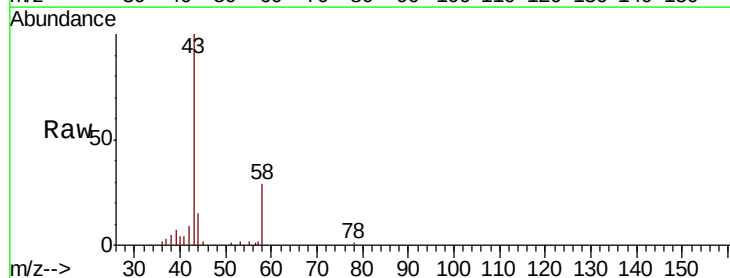
Tgt Ion: 59 Resp: 676
 Ion Ratio Lower Upper
 59 100
 57 20.0 7.9 11.9#

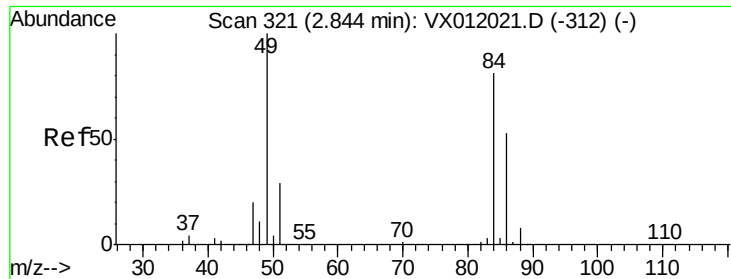


#16

Acetone
 Concen: 16.361 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Tgt Ion: 43 Resp: 7705
 Ion Ratio Lower Upper
 43 100
 58 29.3 22.8 34.2

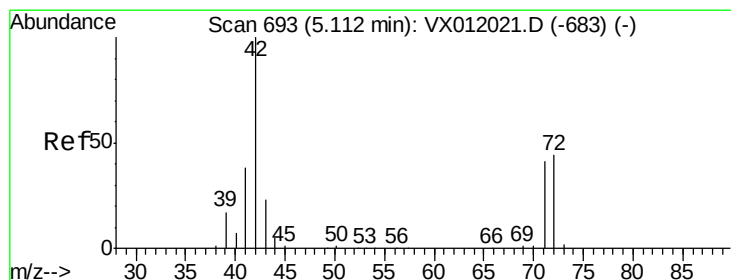
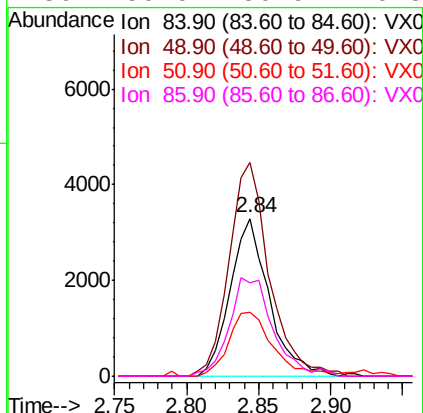
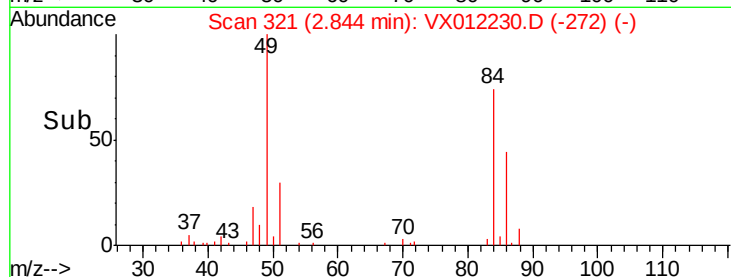
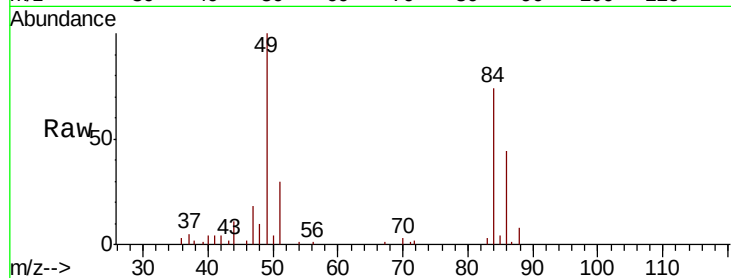




#20
Methylene Chloride
Concen: 3.295 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

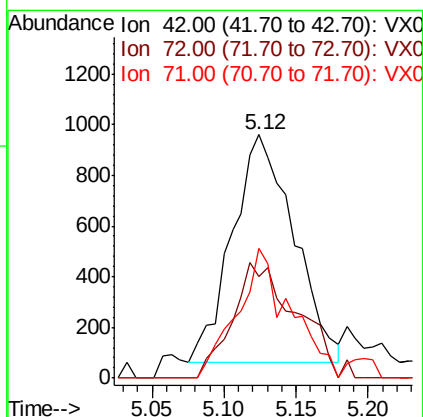
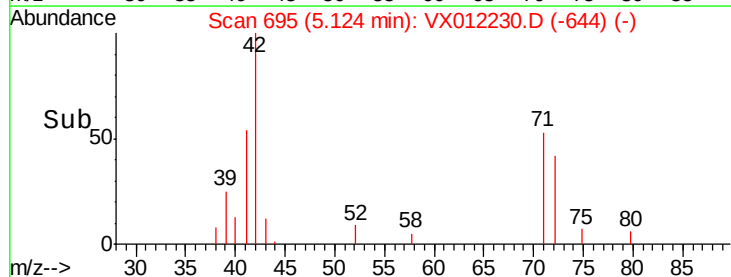
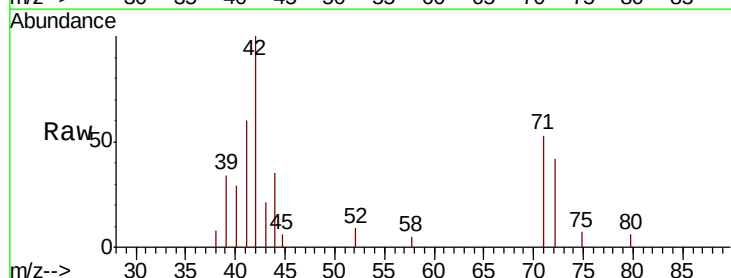
Instrument :
MSVOA_X
ClientSampled :
PAR-11-B1-(4)

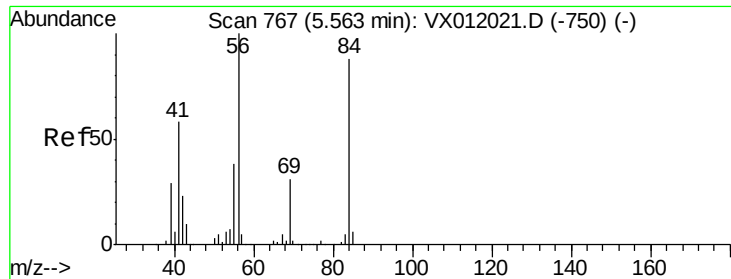
Tgt Ion:	84	Resp:	6232
Ion	Ratio	Lower	Upper
84	100		
49	135.6	95.8	143.8
51	40.5	28.6	43.0
86	59.0	50.9	76.3



#29
Tetrahydrofuran
Concen: 7.384 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Tgt Ion:	42	Resp:	2667
Ion	Ratio	Lower	Upper
42	100		
72	53.1	37.0	55.4
71	49.1	33.8	50.8

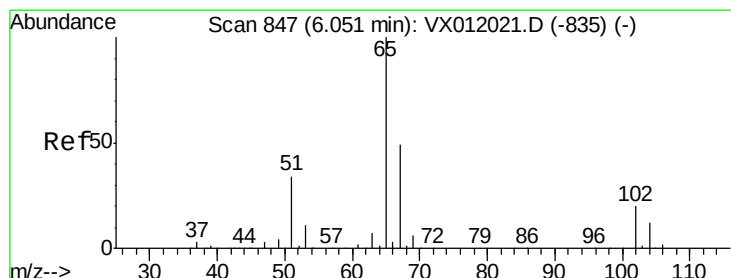
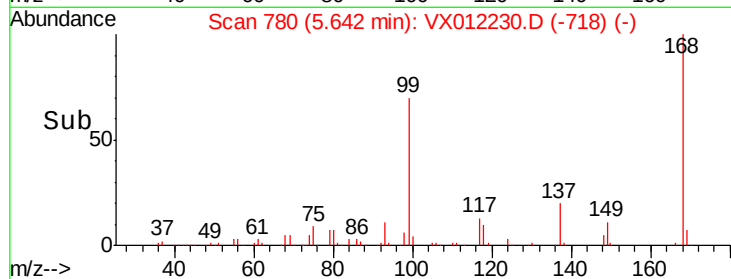
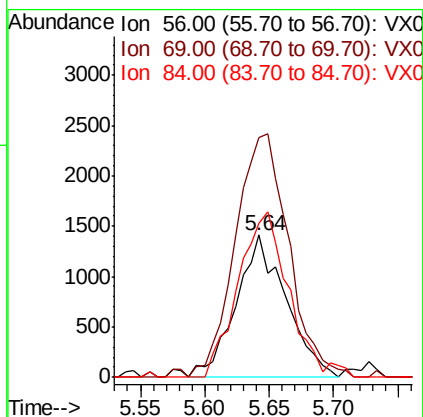
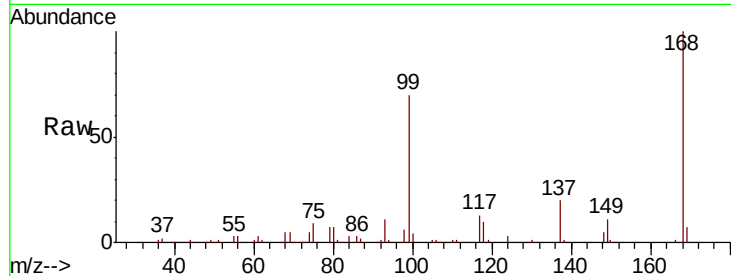




#31
Cyclohexane
Concen: 1.576 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

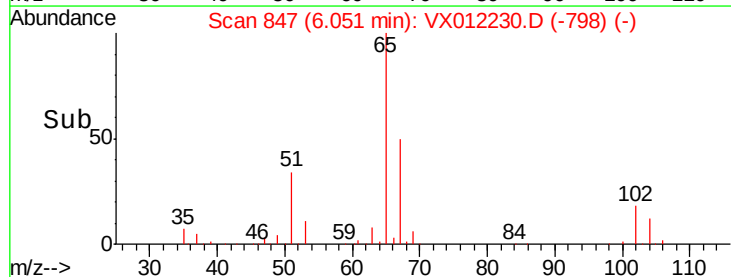
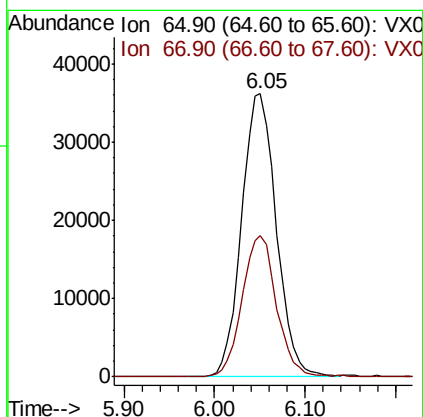
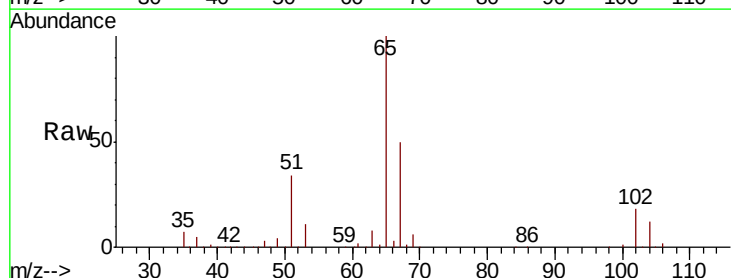
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B1-(4)

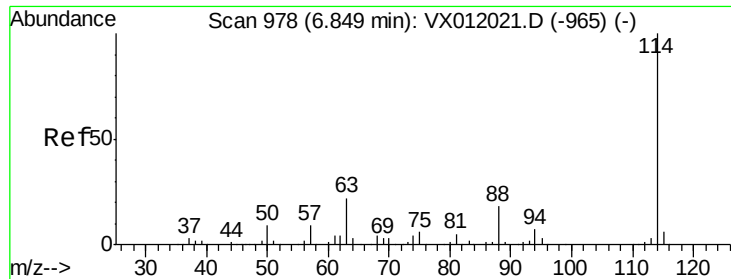
Tgt Ion: 56 Resp: 3806
Ion Ratio Lower Upper
56 100
69 168.6 25.7 38.5#
84 108.4 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 48.637 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Tgt Ion: 65 Resp: 95831
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.0

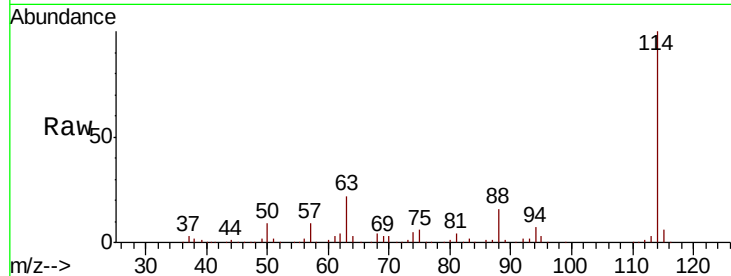




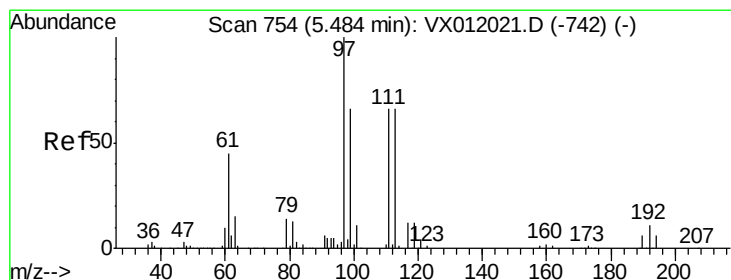
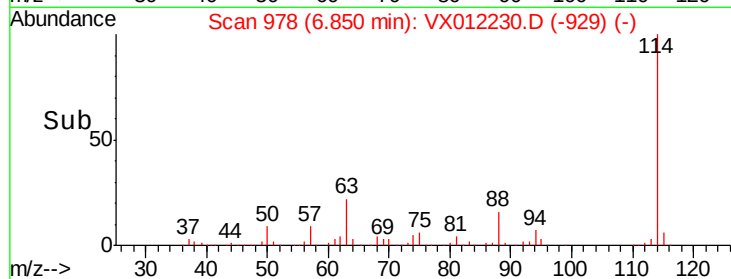
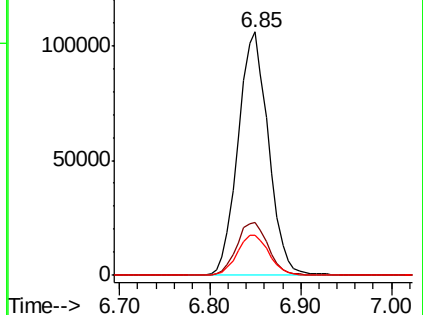
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B1-(4)

Tgt Ion:114 Resp: 246350
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.4
 88 16.4 0.0 29.6

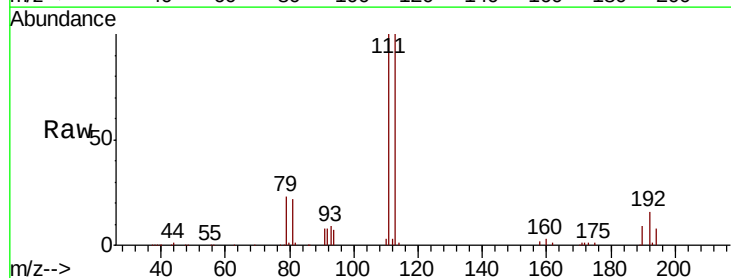


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

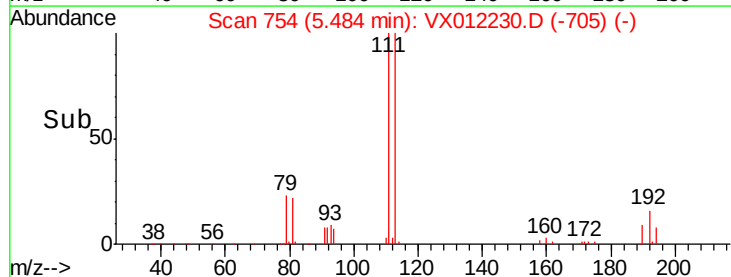
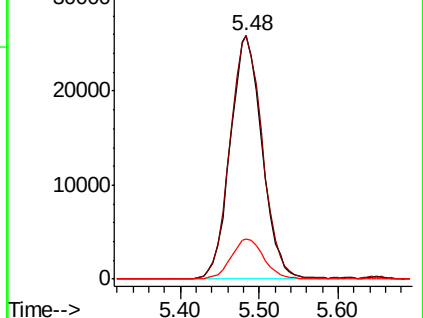


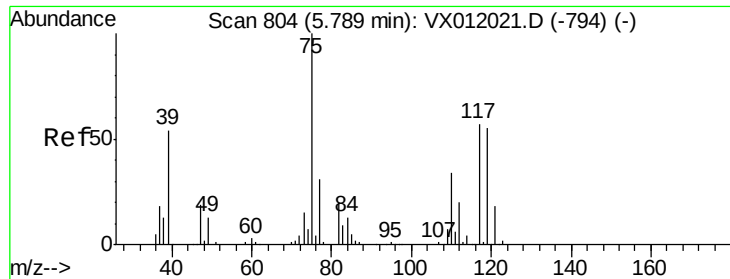
#35
 Dibromofluoromethane
 Concen: 48.111 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Tgt Ion:113 Resp: 72887
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 16.8 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

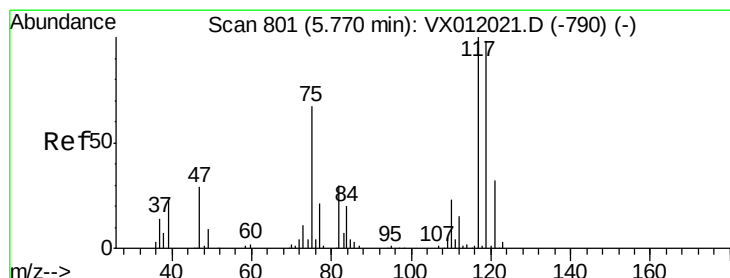
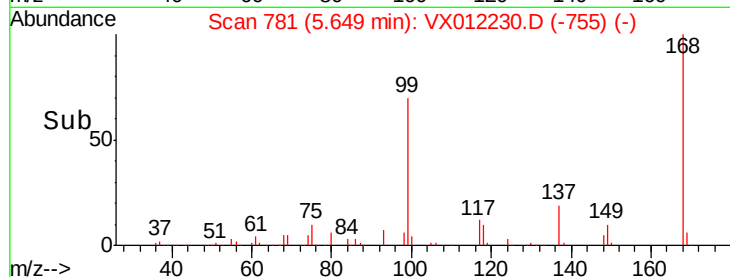
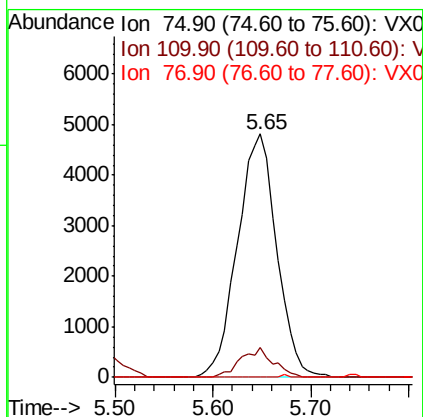
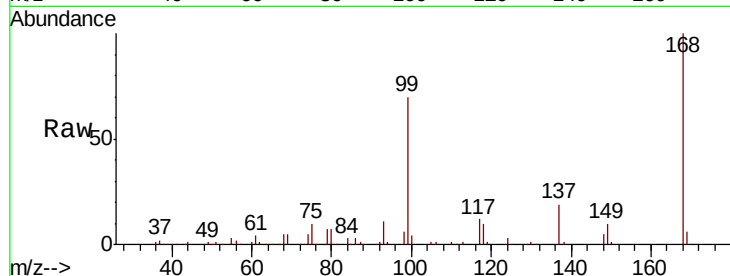




#36
 1,1-Dichloropropene
 Concen: 6.179 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

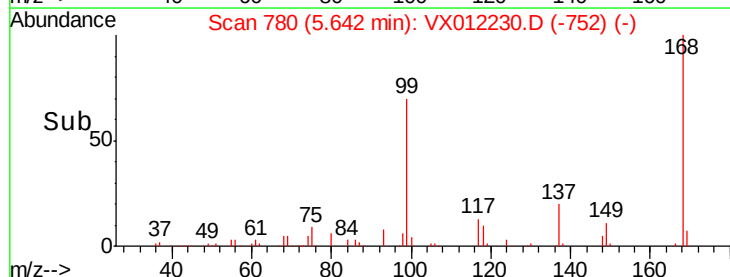
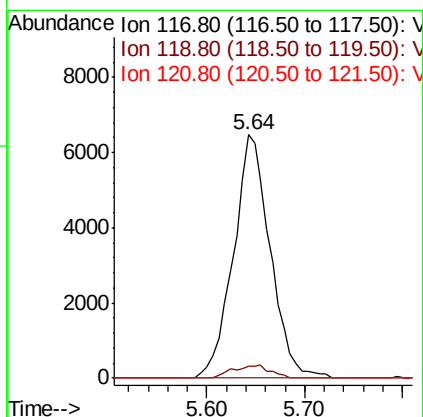
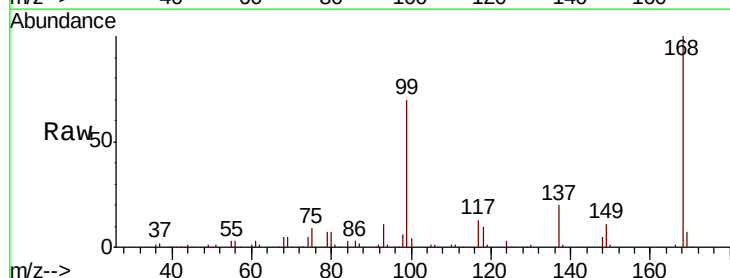
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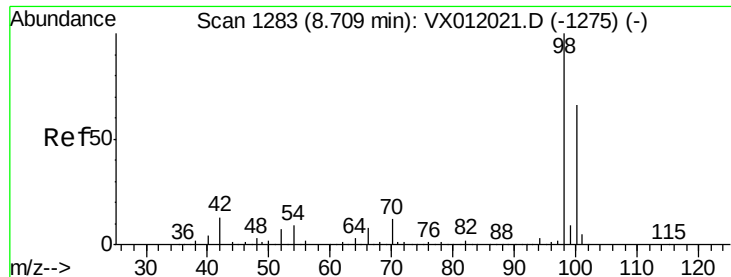
Tgt Ion: 75 Resp: 13406
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.372 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Tgt Ion: 117 Resp: 16854
 Ion Ratio Lower Upper
 117 100
 119 4.8 78.3 117.5#
 121 0.0 24.2 36.2#

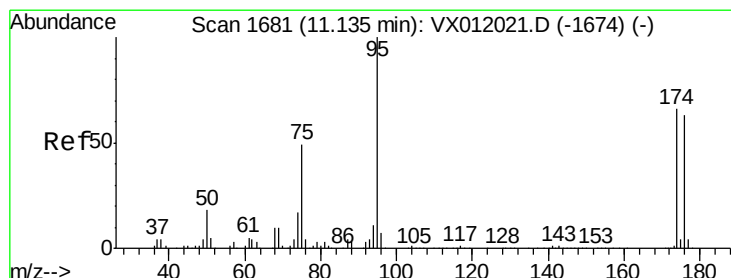
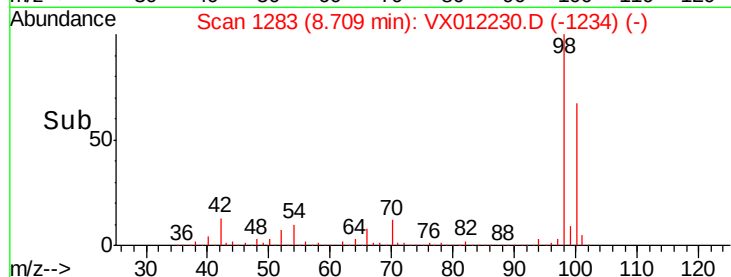
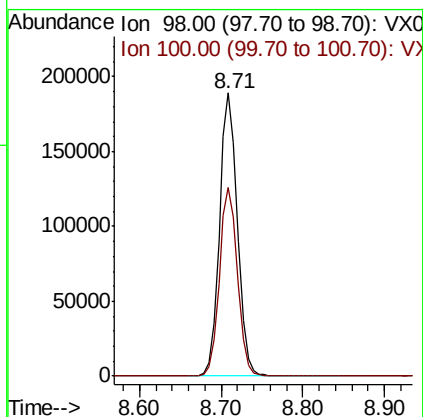
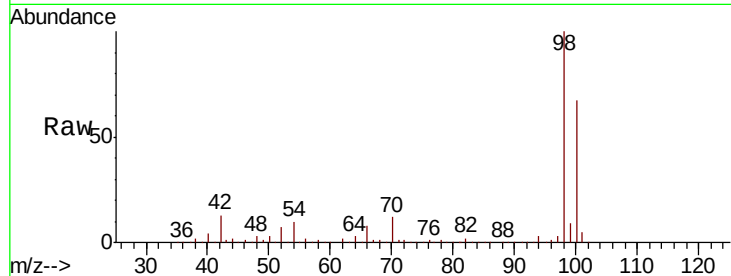




#50
Toluene-d8
Concen: 52.152 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

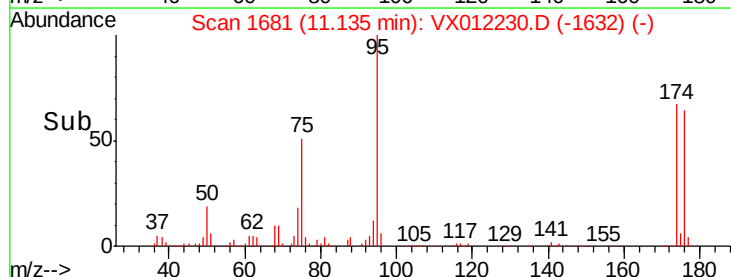
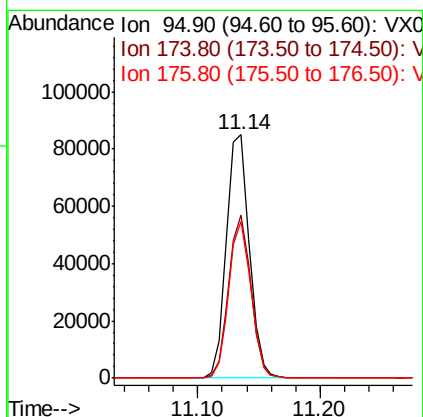
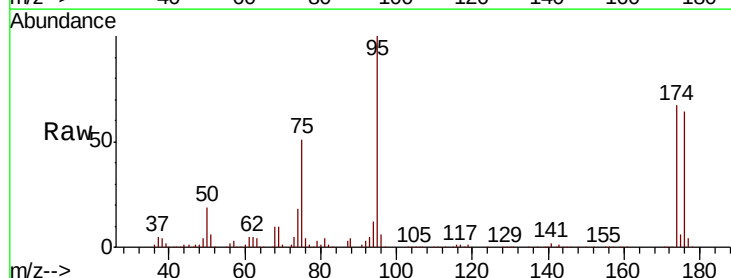
Instrument :
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PAR-11-B1-(4)

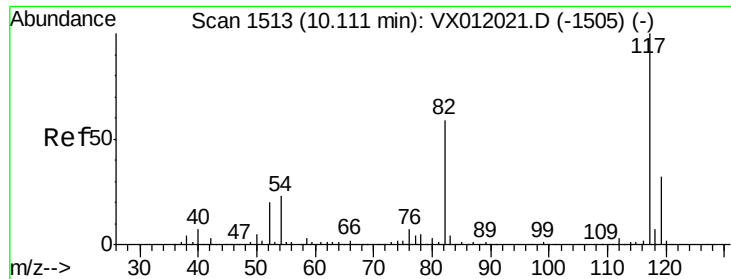
Tgt Ion: 98 Resp: 289926
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.817 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012230.D
Acq: 08 Sep 2019 18:32

Tgt Ion: 95 Resp: 110700
Ion Ratio Lower Upper
95 100
174 64.6 0.0 205.4
176 62.0 0.0 201.8

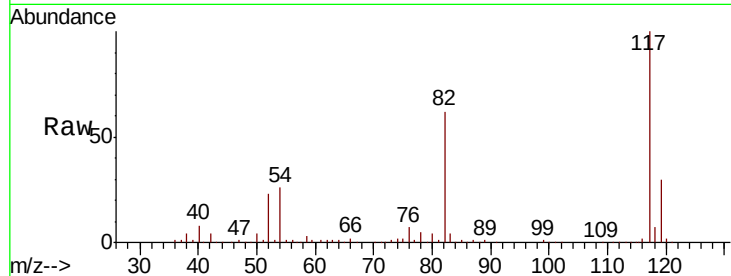




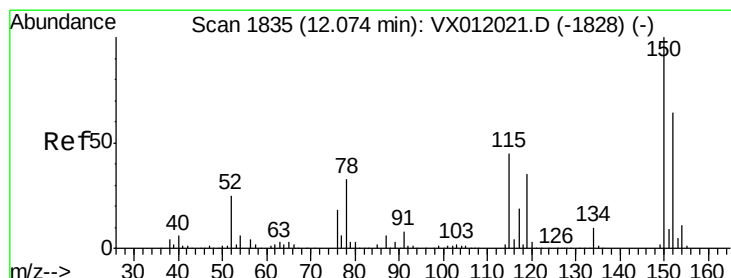
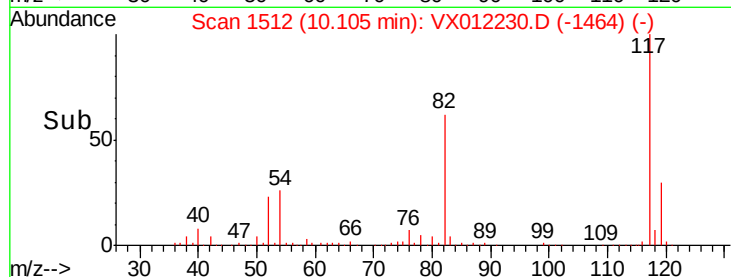
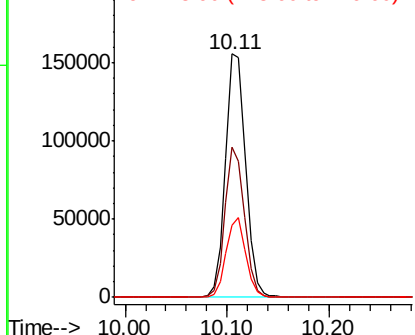
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B1-(4)

Tgt Ion:117 Resp: 212765
 Ion Ratio Lower Upper
 117 100
 82 61.6 39.4 59.0#
 119 29.9 26.1 39.1

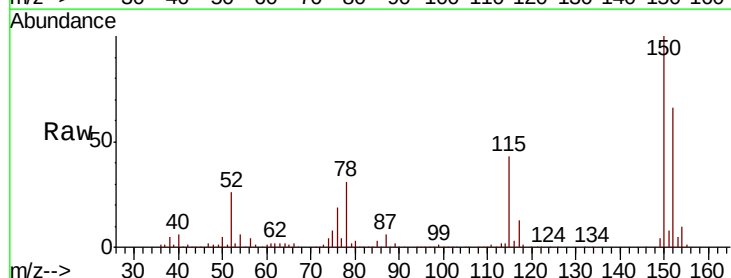


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

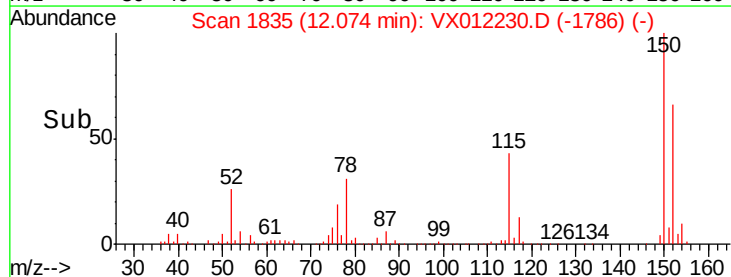
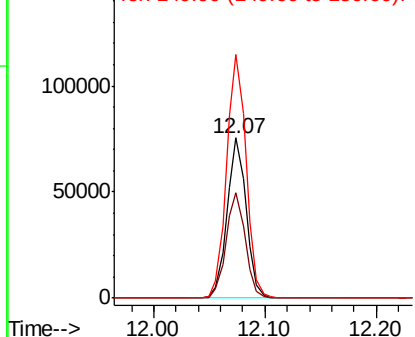


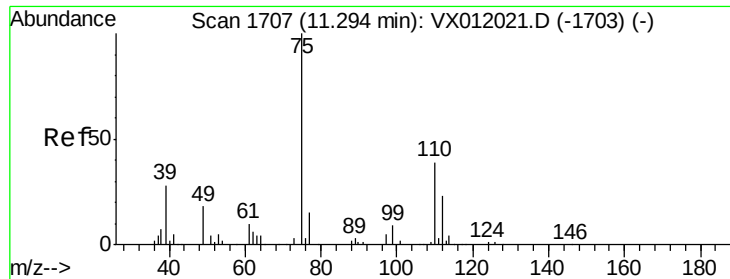
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012230.D
 Acq: 08 Sep 2019 18:32

Tgt Ion:152 Resp: 89043
 Ion Ratio Lower Upper
 152 100
 115 66.3 36.4 109.3
 150 155.6 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: 52.436 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012230.D

Acq: 08 Sep 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

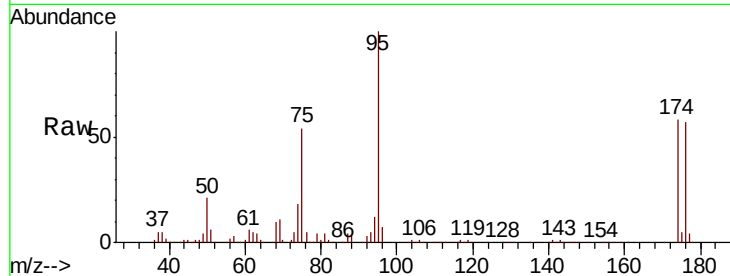
PAR-11-B1-(4)

Tgt Ion: 75 Resp: 57049

Ion Ratio Lower Upper

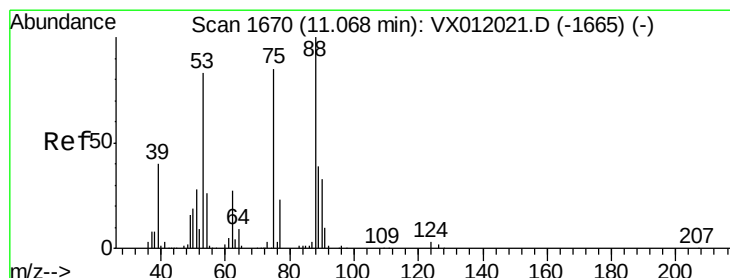
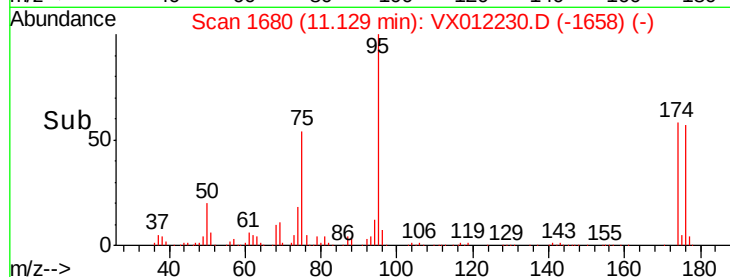
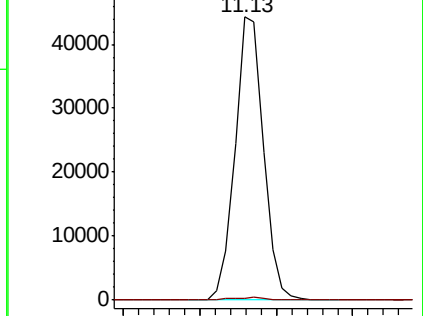
75 100

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: 123.967 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012230.D

Acq: 08 Sep 2019 18:32

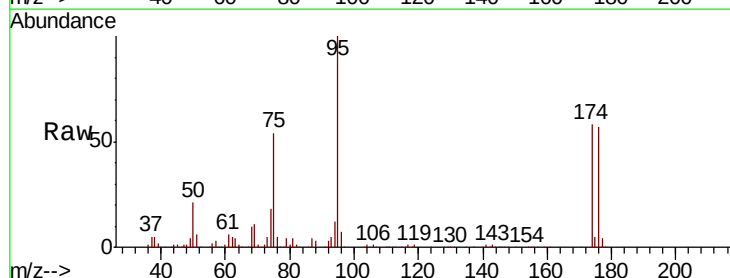
Tgt Ion: 75 Resp: 57049

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

