

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012229.D
 Acq On : 08 Sep 2019 18:04
 Operator : SY/SP
 Sample : K4622-14
 Misc : 3.91g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B4-(0)

Quant Time: Sep 09 01:51:11 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	144585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	97239	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.48	113	74035	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.71	98	294116	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	109783	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	

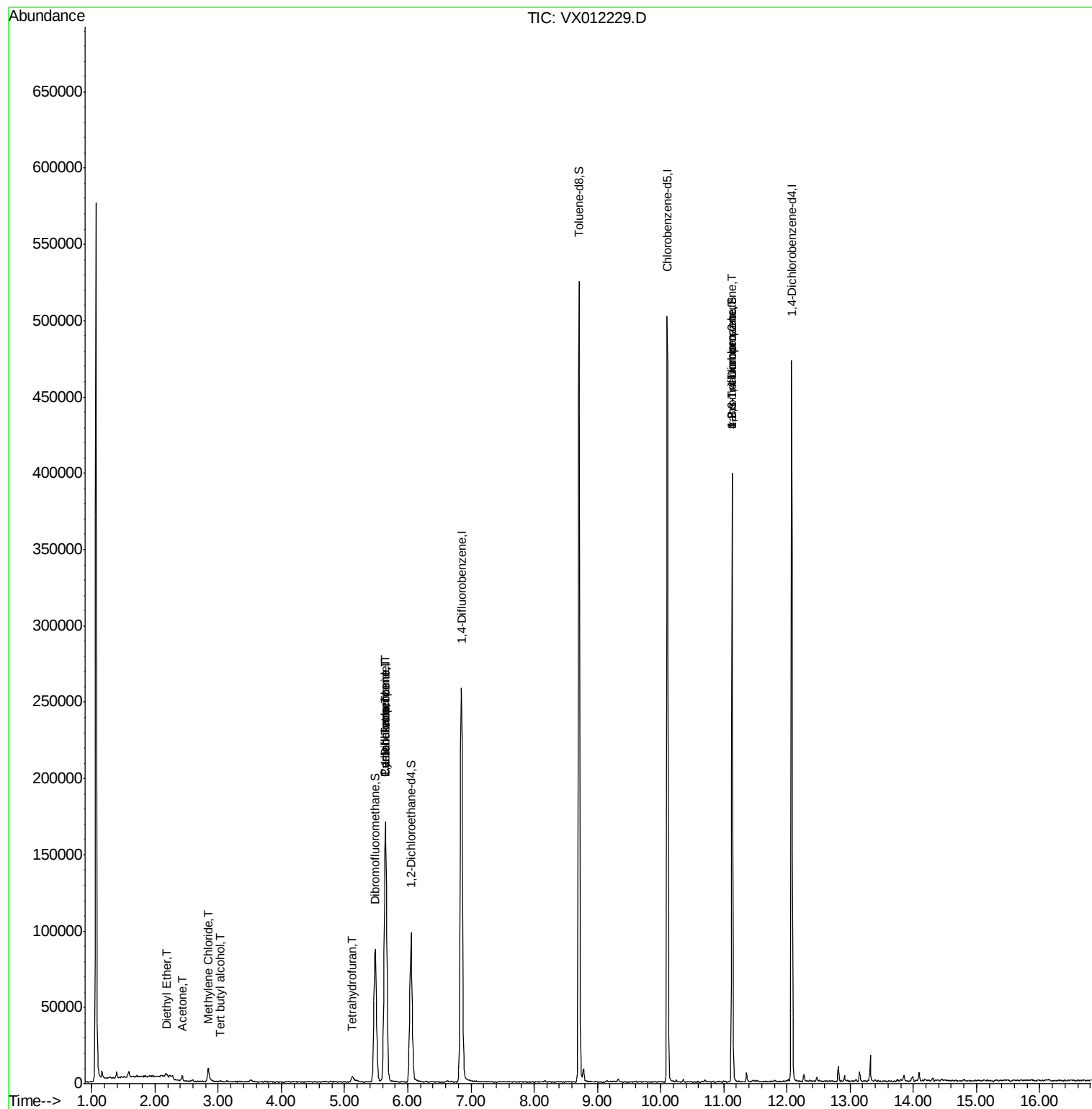
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	728	1.056	ug/l	88
11) Tert butyl alcohol	3.02	59	634	3.309	ug/l	97
13) Acrolein	2.28	56	342	Below Cal	#	12
16) Acetone	2.43	43	3806	7.982	ug/l #	89
20) Methylene Chloride	2.84	84	3815	1.992	ug/l	97
29) Tetrahydrofuran	5.12	42	3619	9.896	ug/l	98
31) Cyclohexane	5.65	56	4300	1.758	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13438	6.124	ug/l #	49
38) Carbon Tetrachloride	5.64	117	17495	7.566	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	59523	55.111	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	59523	130.291	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012229.D
Acq On : 08 Sep 2019 18:04
Operator : SY/SP
Sample : K4622-14
Misc : 3.91g/5.0mL/MSVOA_X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

Quant Time: Sep 09 01:51:11 2019
Quant Method : Z:\V0ASRV\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: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

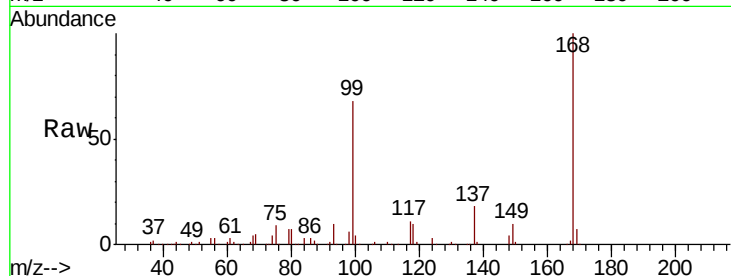
PAR-11-B4-(0)

Tgt Ion:168 Resp: 144585

Ion Ratio Lower Upper

168 100

99 67.4 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

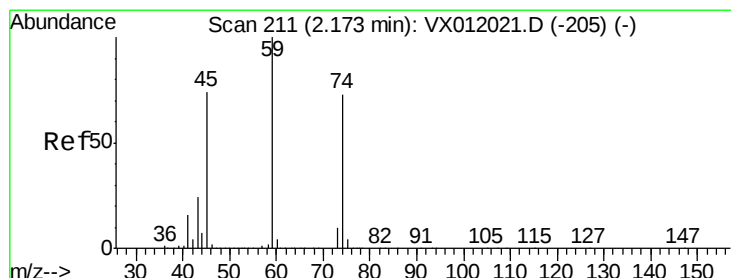
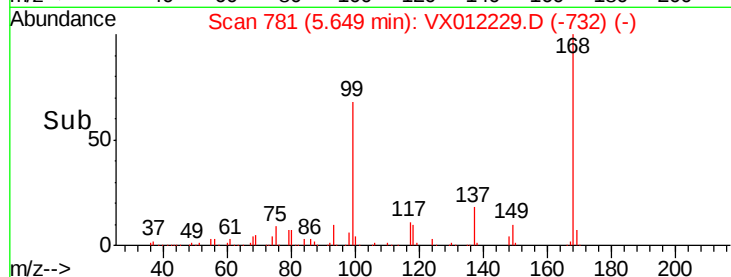
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#8

Diethyl Ether

Concen: 1.056 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012229.D

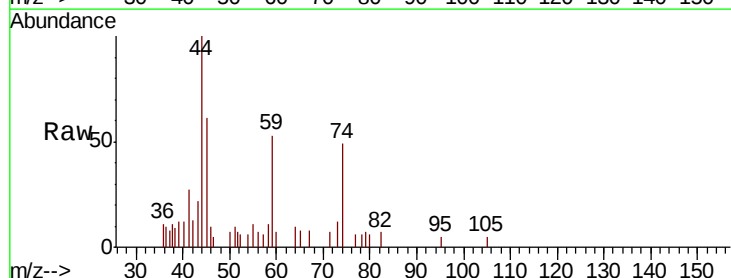
Acq: 08 Sep 2019 18:04

Tgt Ion: 74 Resp: 728

Ion Ratio Lower Upper

74 100

45 103.4 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

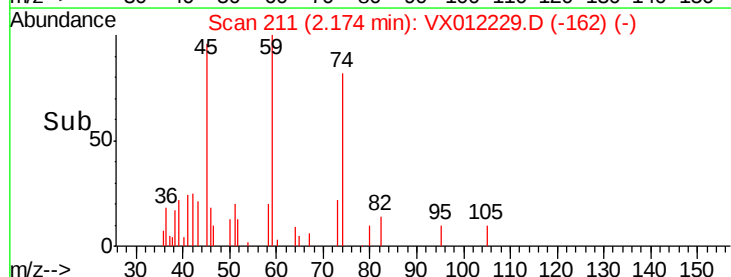
600

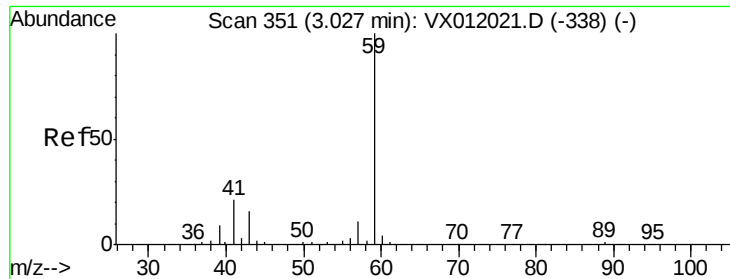
400

200

0

Time--> 2.10 2.15 2.20

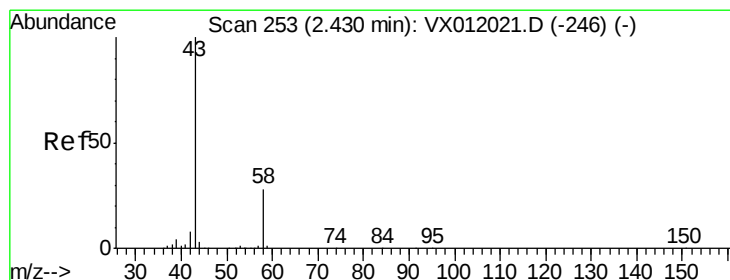
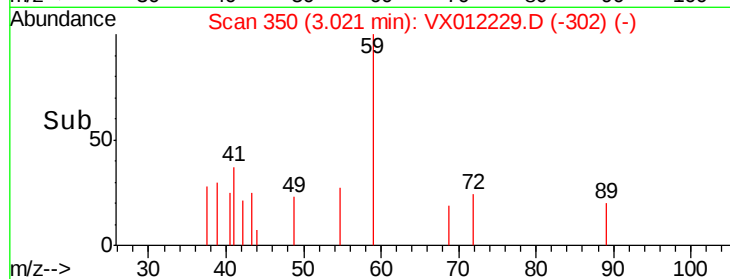
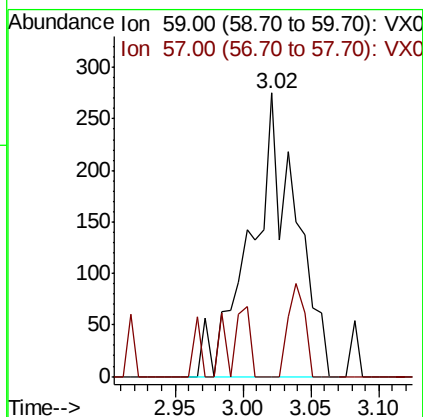
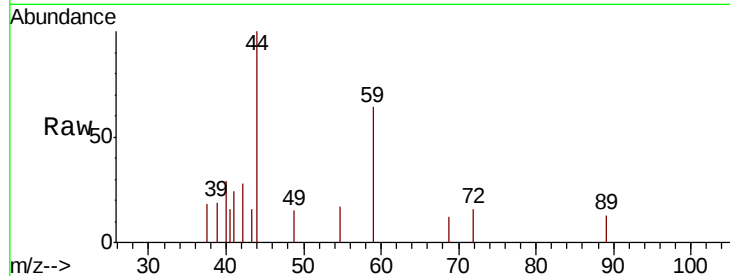




#11
Tert butyl alcohol
Concen: 3.309 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

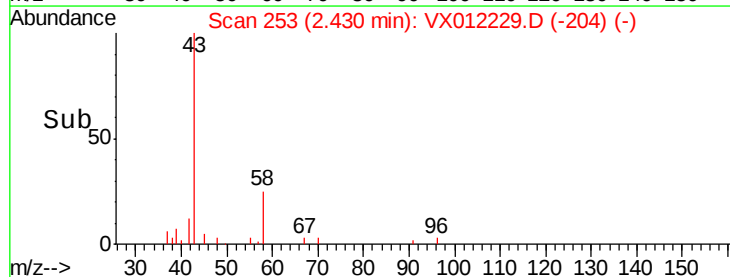
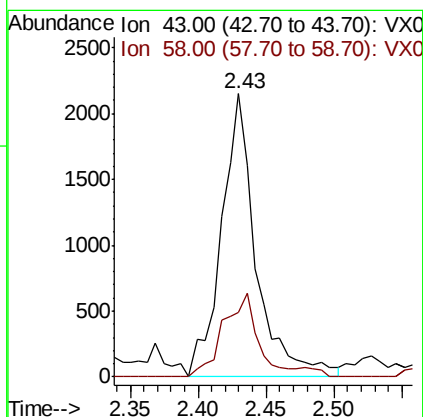
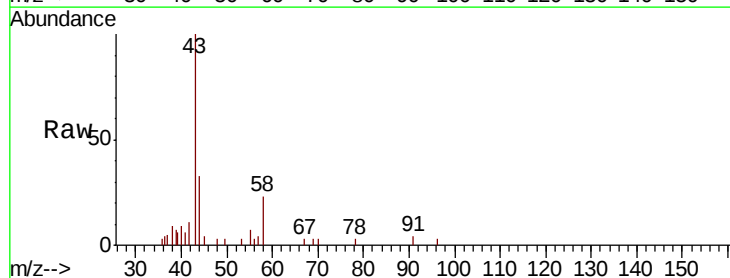
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

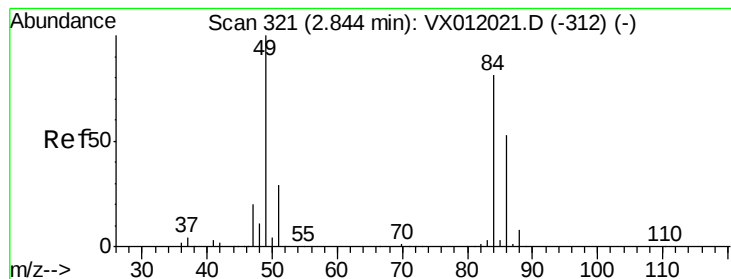
Tgt Ion: 59 Resp: 634
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9



#16
Acetone
Concen: 7.982 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

Tgt Ion: 43 Resp: 3806
Ion Ratio Lower Upper
43 100
58 22.6 22.8 34.2#





#20

Methylene Chloride

Concen: 1.992 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B4-(0)

Tgt Ion: 84 Resp: 3815

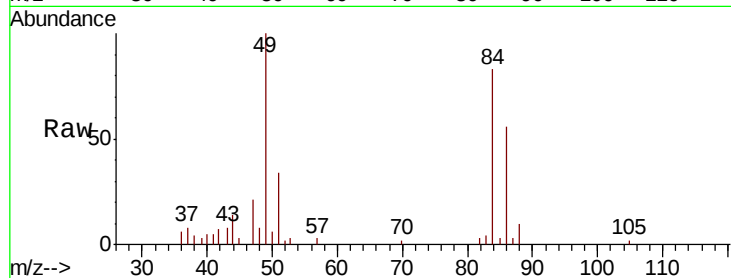
Ion Ratio Lower Upper

84 100

49 120.7 95.8 143.8

51 40.9 28.6 43.0

86 67.3 50.9 76.3

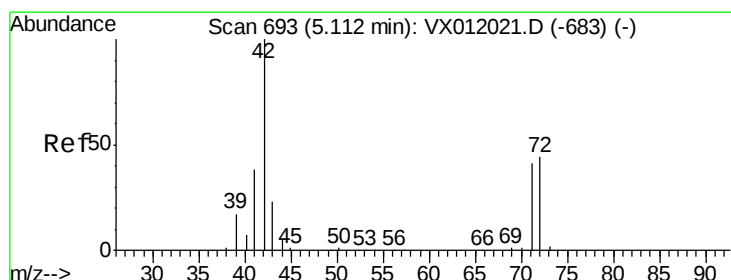
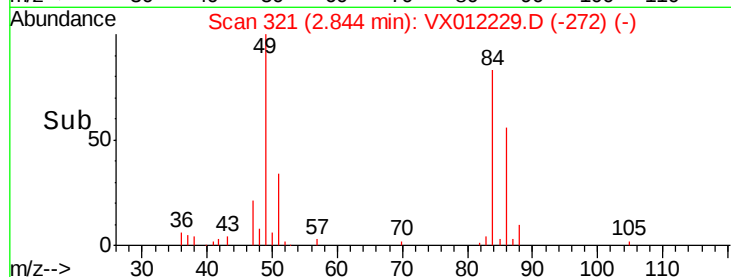
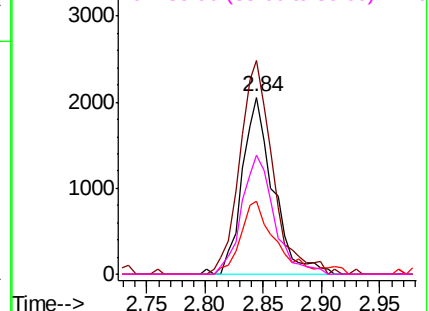


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 9.896 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

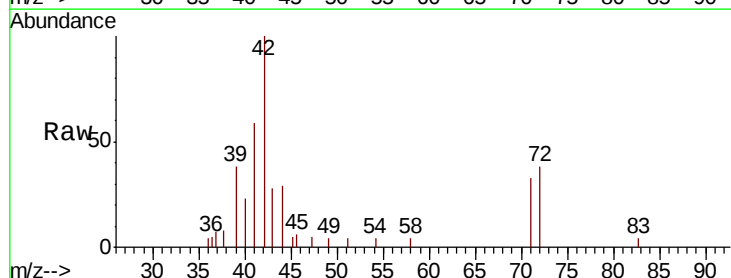
Tgt Ion: 42 Resp: 3619

Ion Ratio Lower Upper

42 100

72 44.8 37.0 55.4

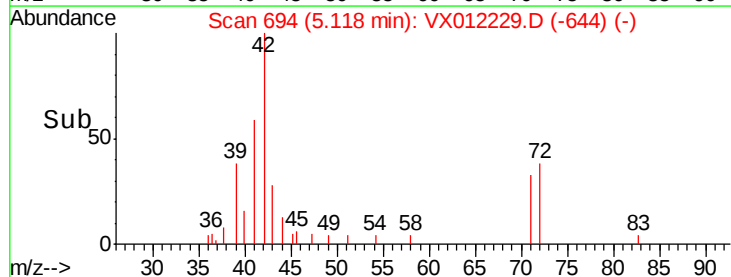
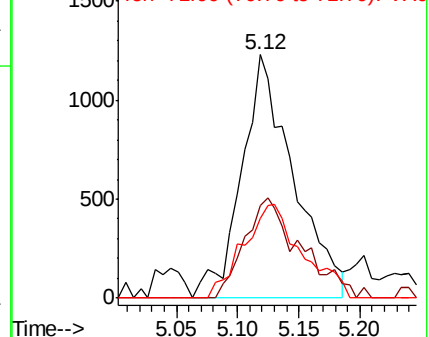
71 43.5 33.8 50.8

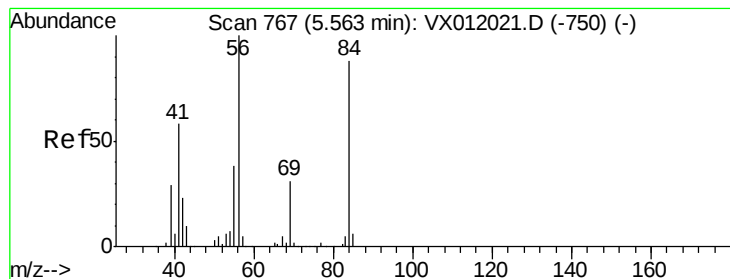


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.758 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.09 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B4-(0)

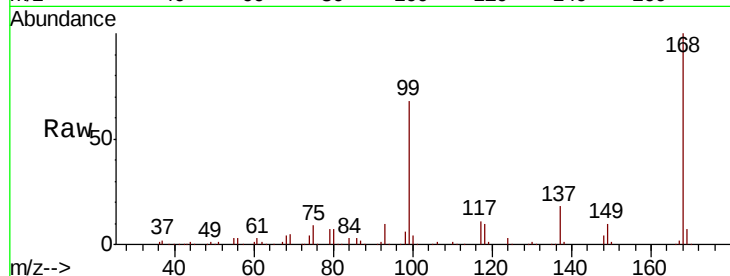
Tgt Ion: 56 Resp: 4300

Ion Ratio Lower Upper

56 100

69 191.9 25.7 38.5#

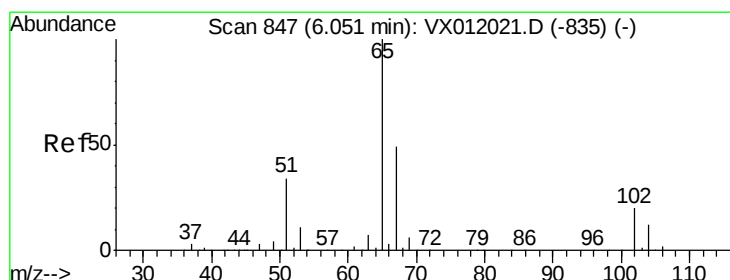
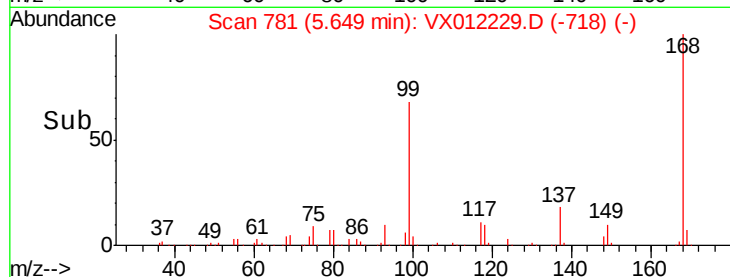
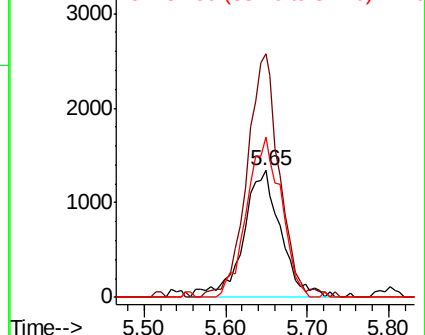
84 126.8 70.3 105.5#



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: 48.742 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012229.D

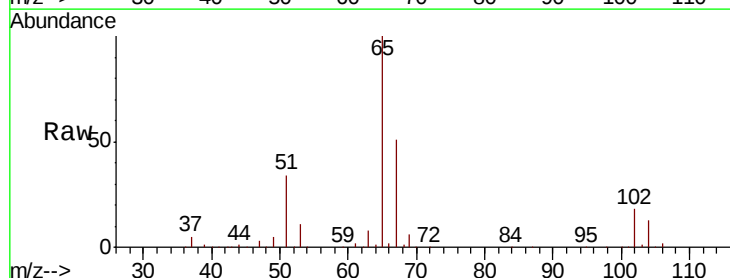
Acq: 08 Sep 2019 18:04

Tgt Ion: 65 Resp: 97239

Ion Ratio Lower Upper

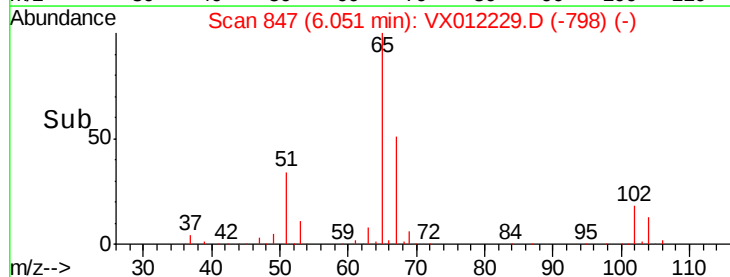
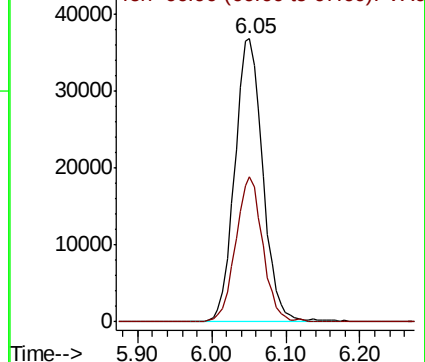
65 100

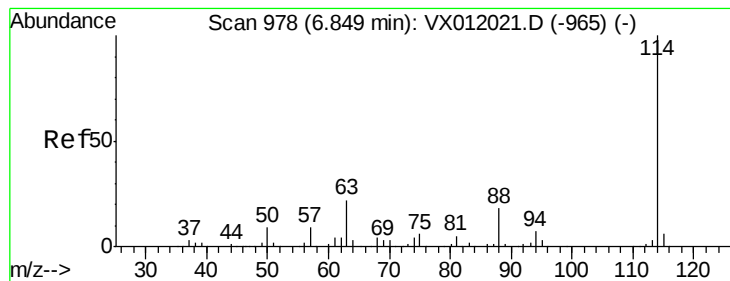
67 49.6 0.0 102.0



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: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B4-(0)

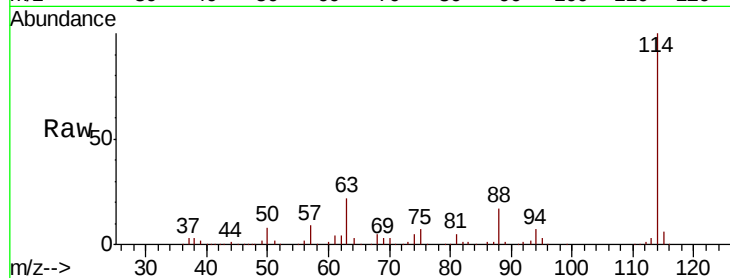
Tgt Ion:114 Resp: 249149

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

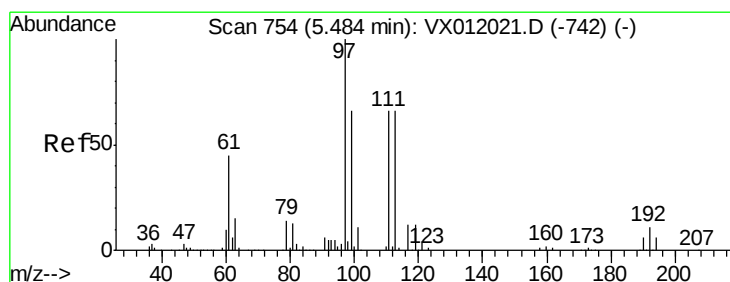
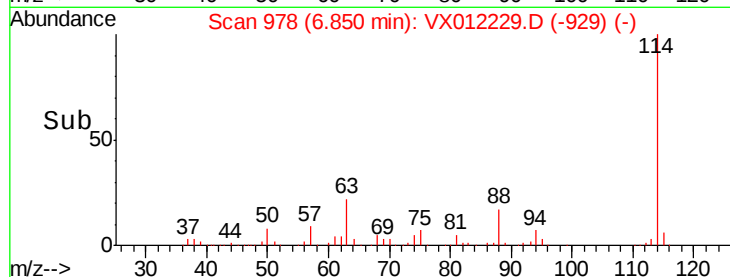
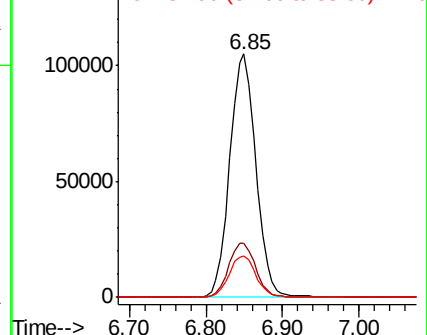
88 17.1 0.0 29.6



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: 48.320 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

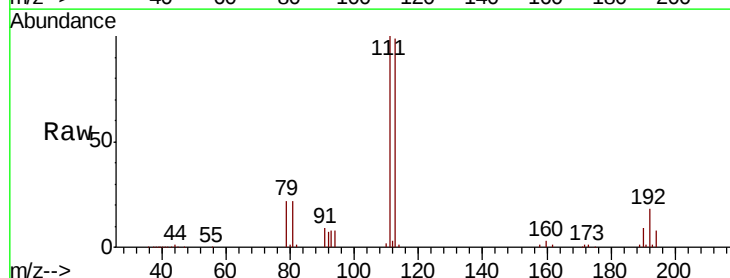
Tgt Ion:113 Resp: 74035

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

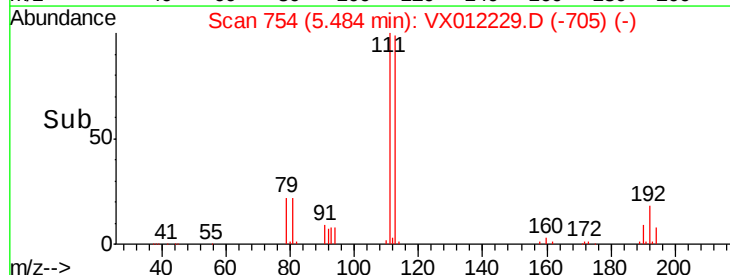
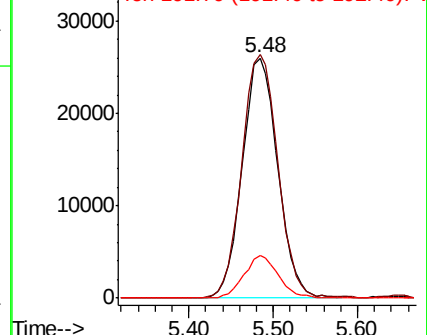
192 17.1 22.5 33.7#

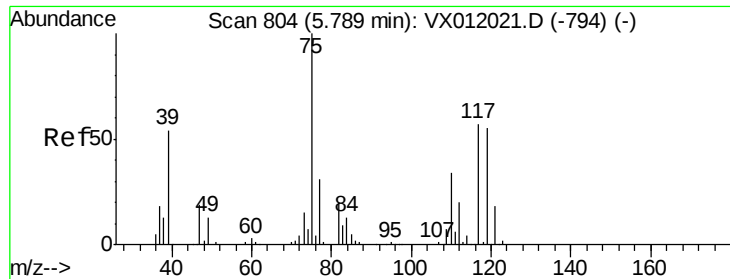


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

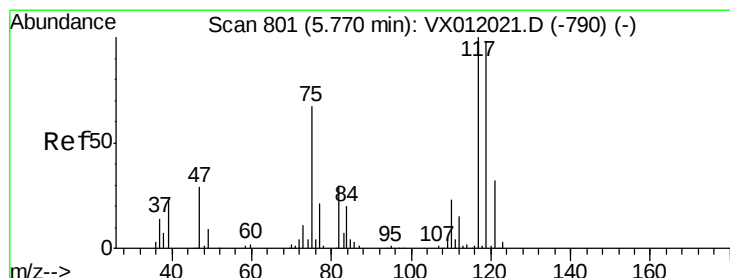
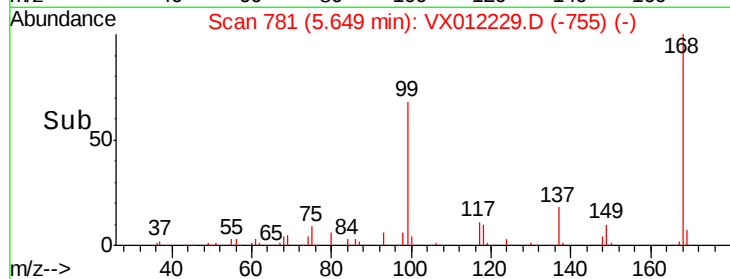
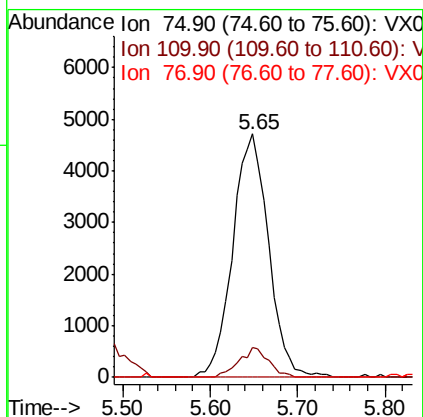
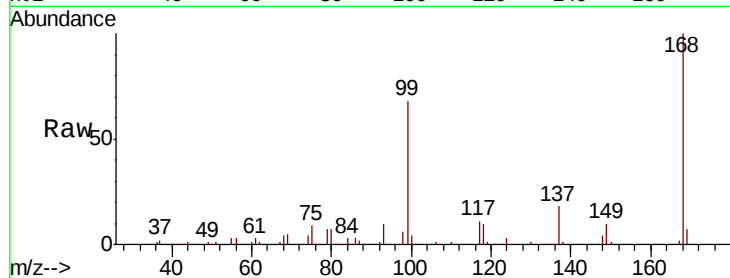




#36
 1,1-Dichloropropene
 Concen: 6.124 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012229.D
 Acq: 08 Sep 2019 18:04

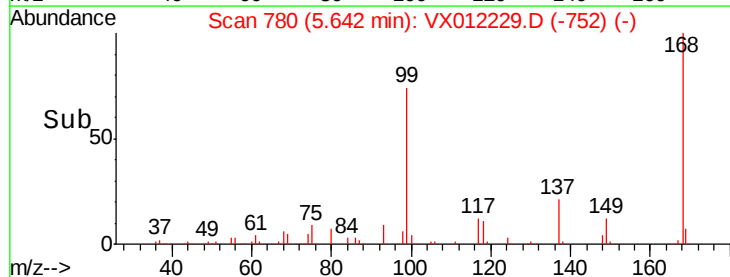
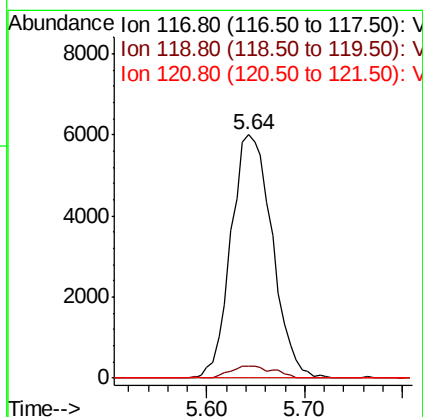
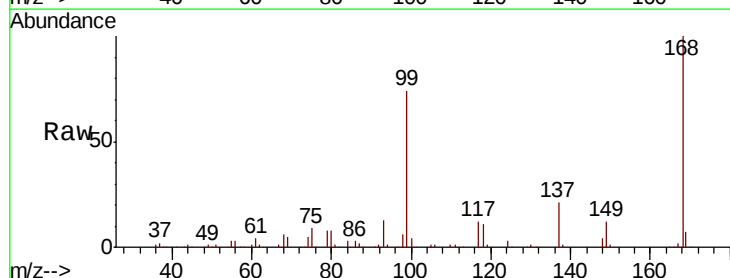
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B4-(0)

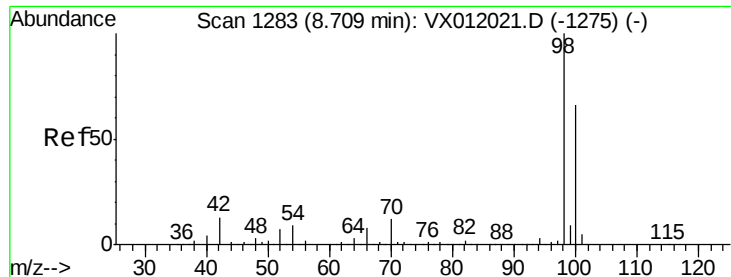
Tgt Ion: 75 Resp: 13438
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.566 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012229.D
 Acq: 08 Sep 2019 18:04

Tgt Ion: 117 Resp: 17495
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.3 117.5#
 121 0.0 24.2 36.2#

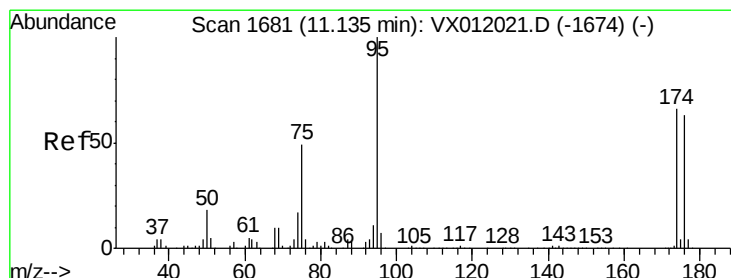
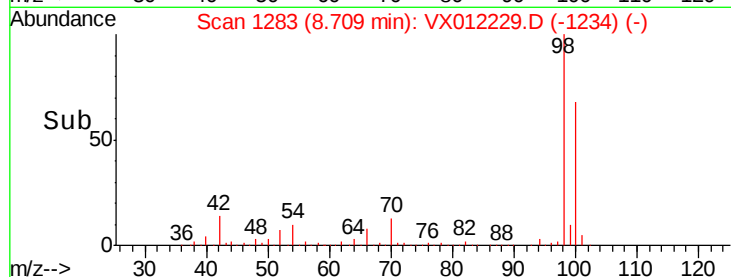
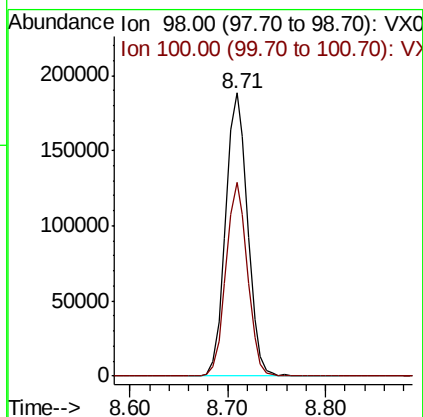
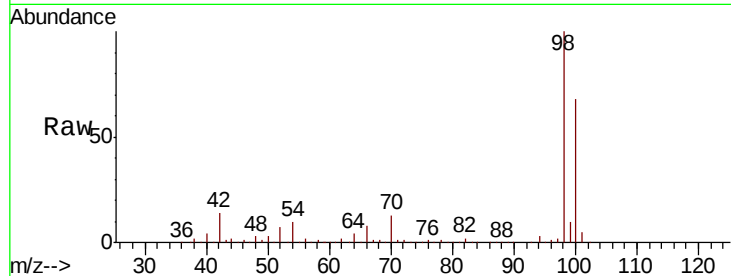




#50
Toluene-d8
Concen: 52.311 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

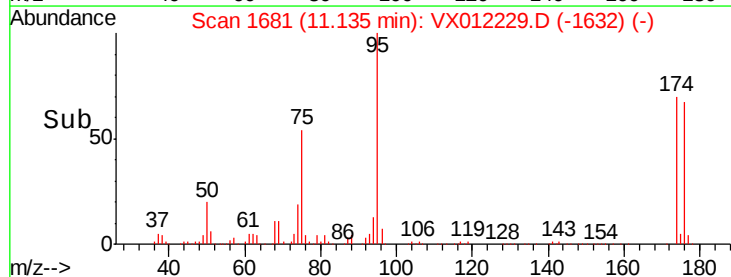
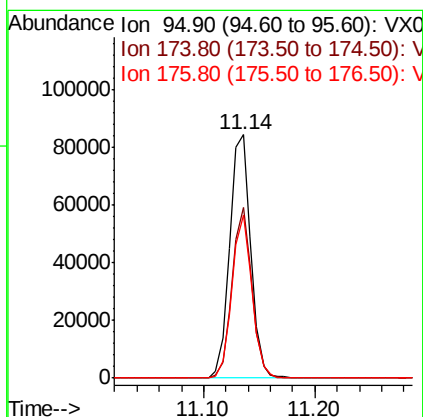
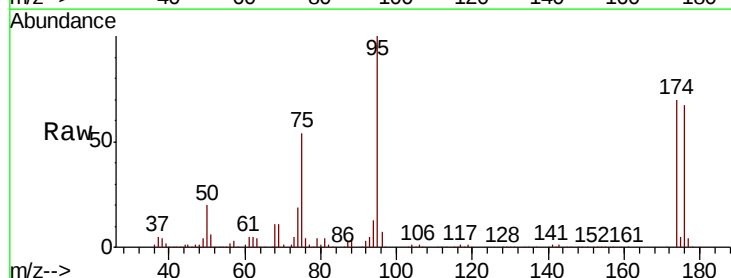
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

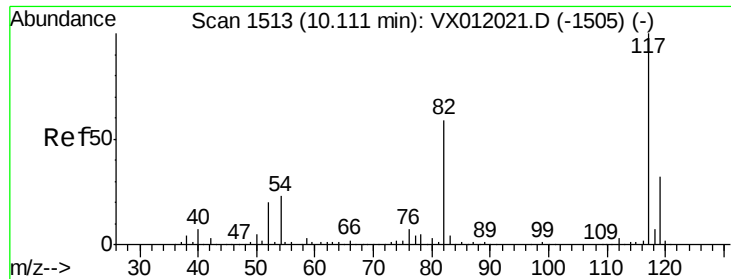
Tgt Ion: 98 Resp: 294116
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.986 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

Tgt Ion: 95 Resp: 109783
Ion Ratio Lower Upper
95 100
174 66.3 0.0 205.4
176 64.0 0.0 201.8

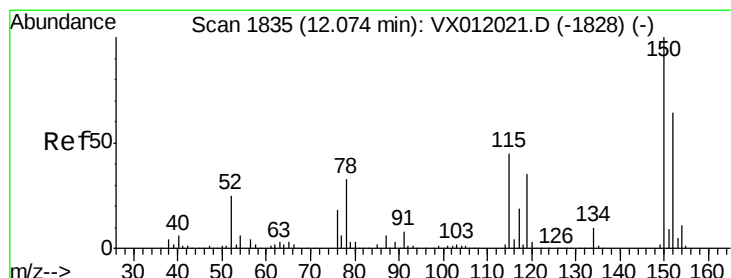
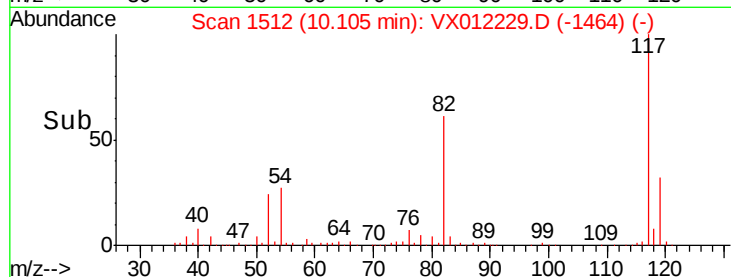
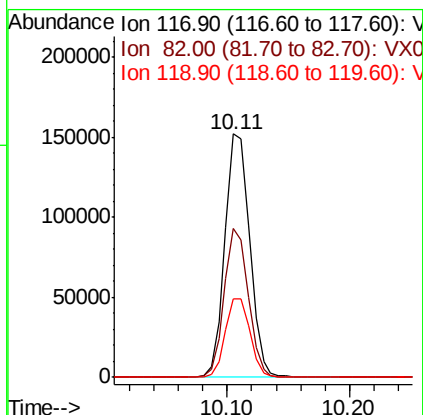
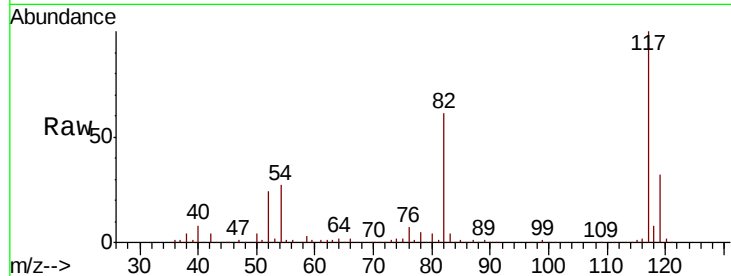




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

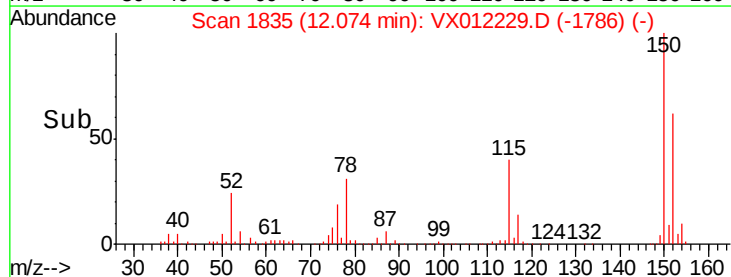
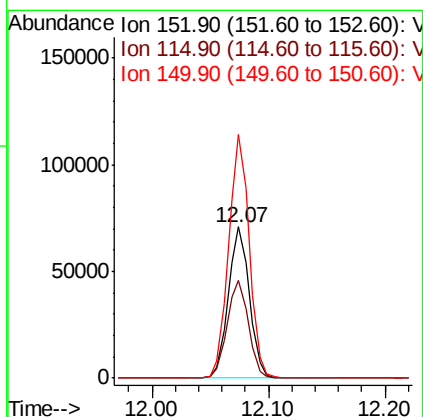
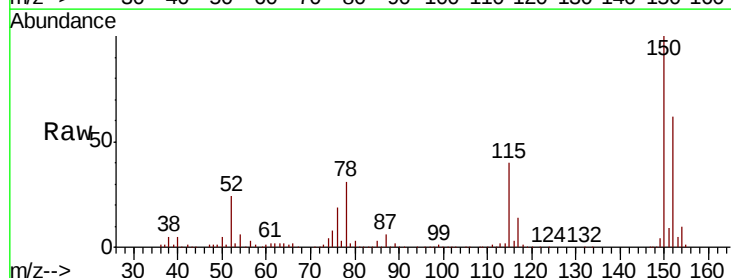
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

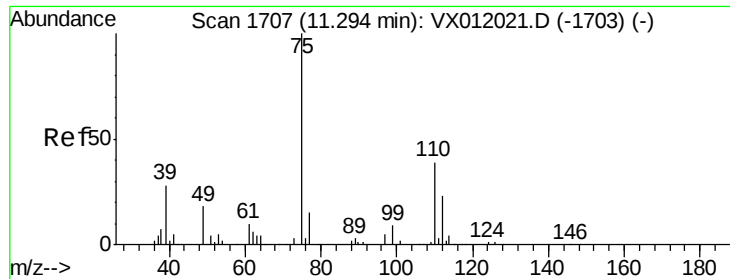
Tgt Ion:117 Resp: 213830
Ion Ratio Lower Upper
117 100
82 61.3 39.4 59.0#
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

Tgt Ion:152 Resp: 88395
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 158.7 0.0 341.2





#76

1,2,3-Trichloropropane

Concen: 55.111 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

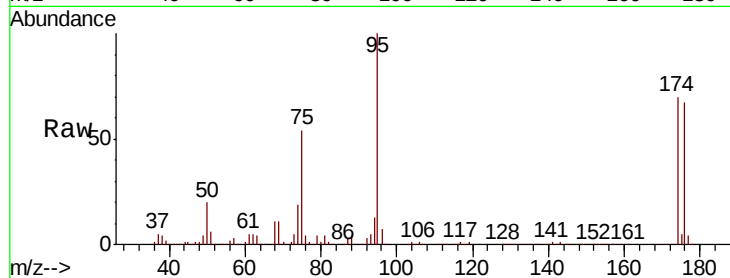
PAR-11-B4-(0)

Tgt Ion: 75 Resp: 59523

Ion Ratio Lower Upper

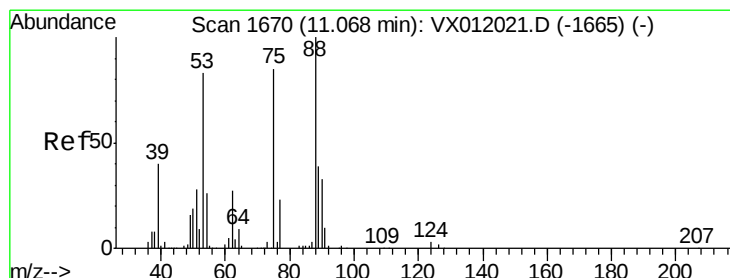
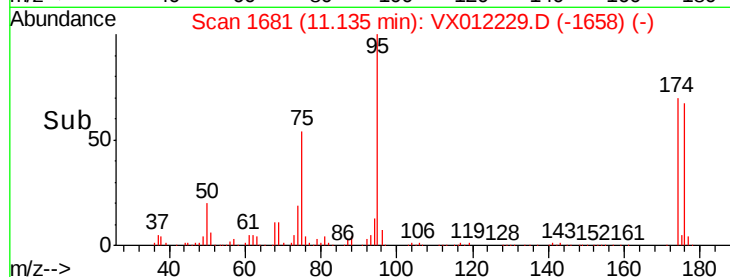
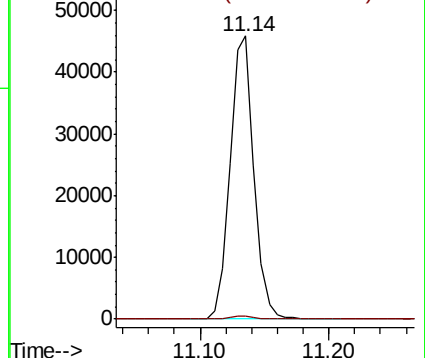
75 100

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: 130.291 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

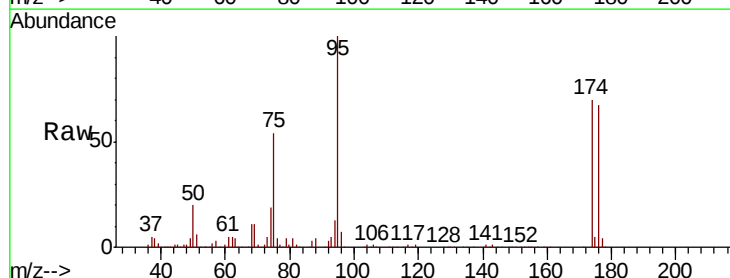
Tgt Ion: 75 Resp: 59523

Ion Ratio Lower Upper

75 100

53 0.2 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

