

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012228.D
 Acq On : 08 Sep 2019 17:36
 Operator : SY/SP
 Sample : K4622-13
 Misc : 6.24g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(0)

Quant Time: Sep 09 01:51:00 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	137797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91085	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	93272	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.12%		
35) Dibromofluoromethane	5.48	113	71073	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.08%		
50) Toluene-d8	8.71	98	285093	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.12%		
62) 4-Bromofluorobenzene	11.13	95	112376	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.94%		

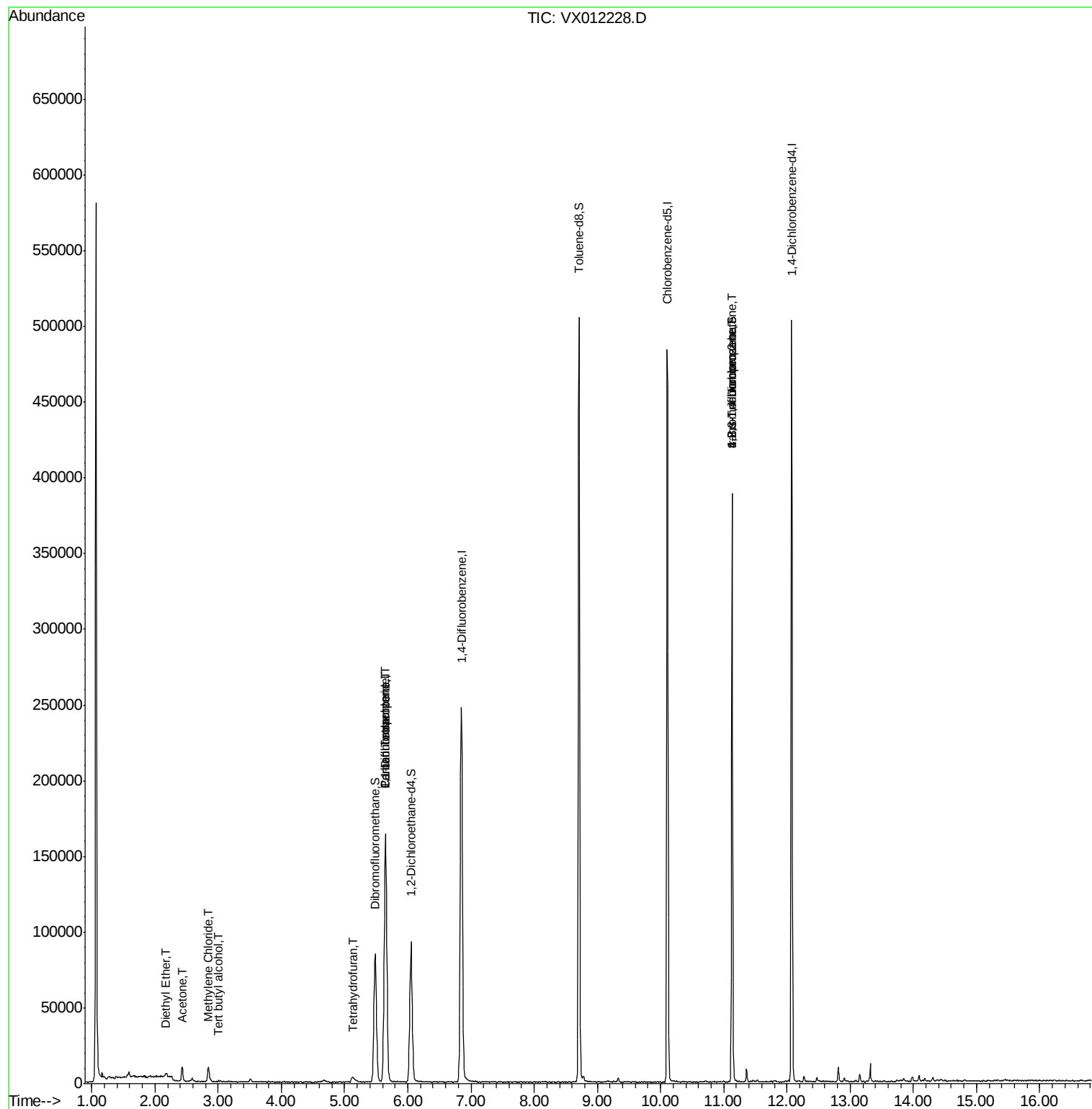
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	921	1.401	ug/l	83
11) Tert butyl alcohol	3.01	59	778	4.260	ug/l #	90
13) Acrolein	2.26	56	295	Below Cal	#	74
16) Acetone	2.42	43	10304	22.673	ug/l	97
20) Methylene Chloride	2.84	84	4478	2.454	ug/l	96
29) Tetrahydrofuran	5.12	42	3697	10.607	ug/l	93
36) 1,1-Dichloropropene	5.65	75	12812	6.110	ug/l #	48
38) Carbon Tetrachloride	5.64	117	16426	7.434	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	58949	52.968	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	58949	125.224	ug/l #	10

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

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PAR-11-B3-(0)

Quant Time: Sep 09 01:51:00 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: VX012228.D

Acq: 08 Sep 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

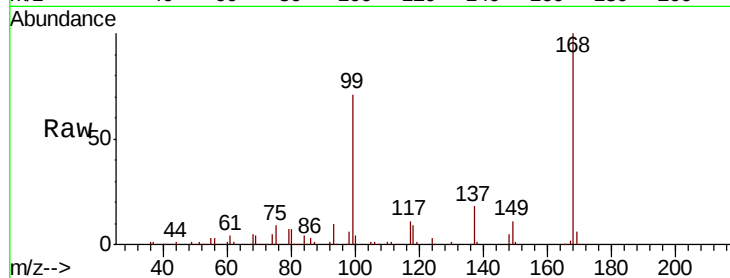
PAR-11-B3-(0)

Tgt Ion:168 Resp: 137797

Ion Ratio Lower Upper

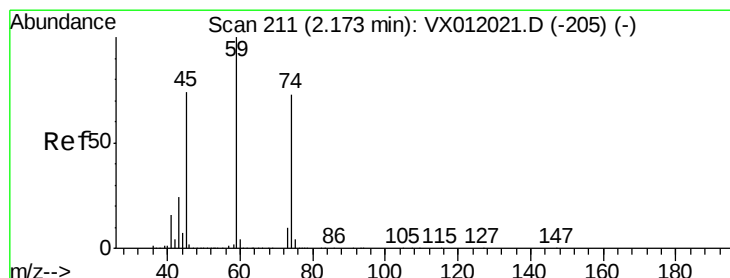
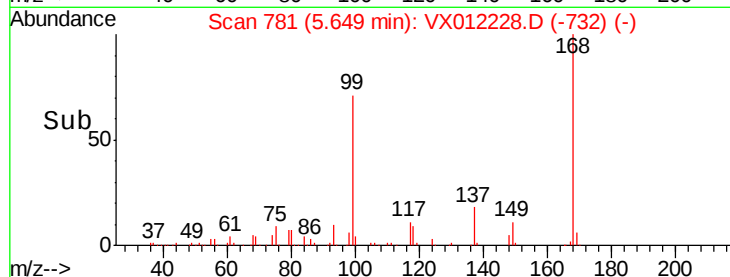
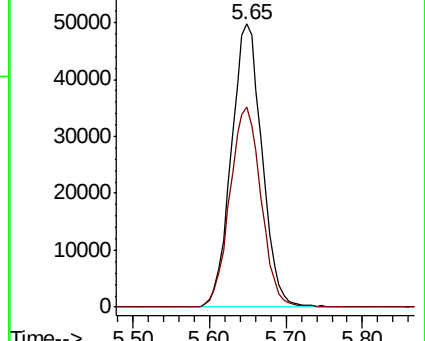
168 100

99 70.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.401 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012228.D

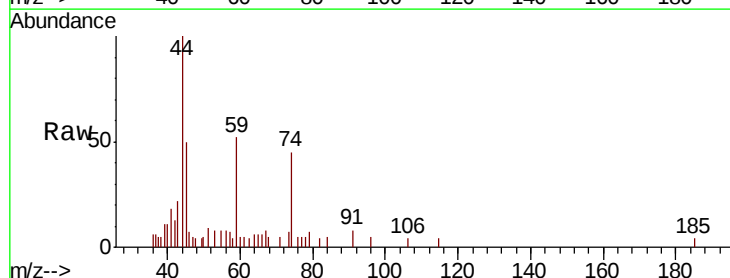
Acq: 08 Sep 2019 17:36

Tgt Ion: 74 Resp: 921

Ion Ratio Lower Upper

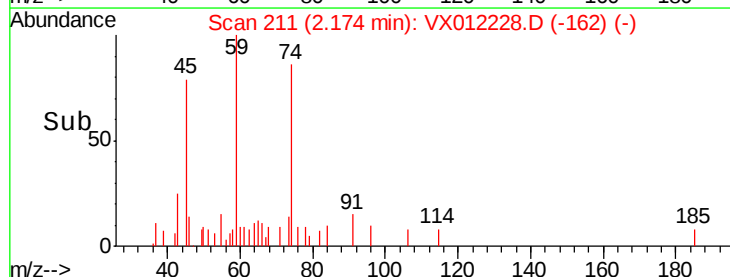
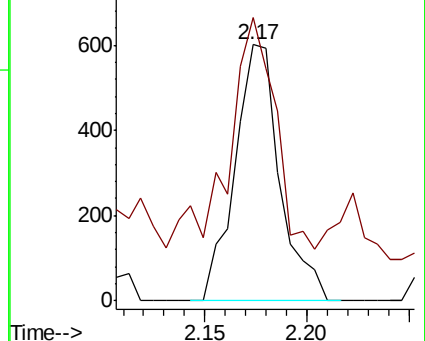
74 100

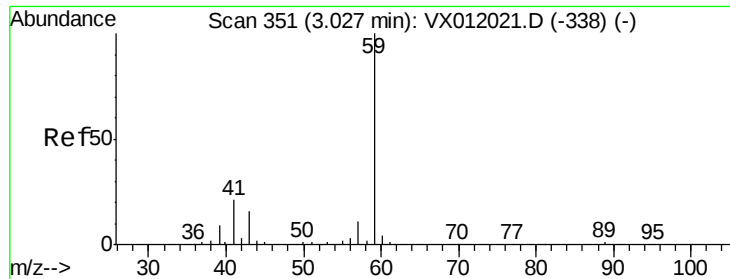
45 107.8 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

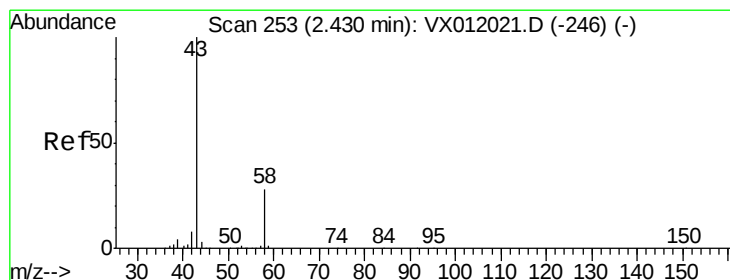
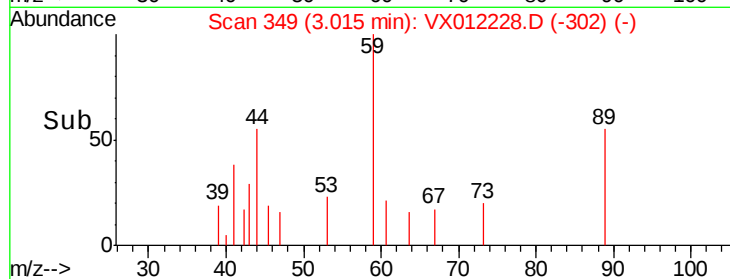
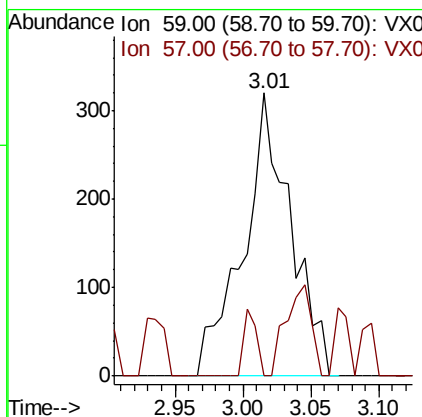
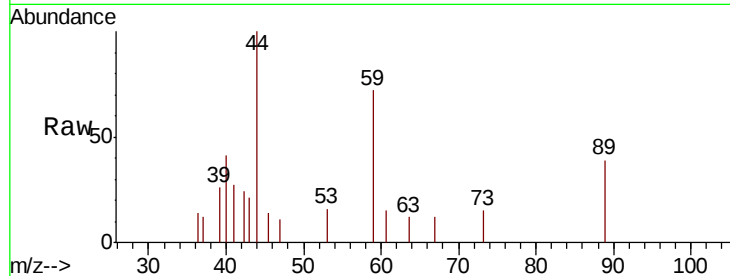




#11
Tert butyl alcohol
Concen: 4.260 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

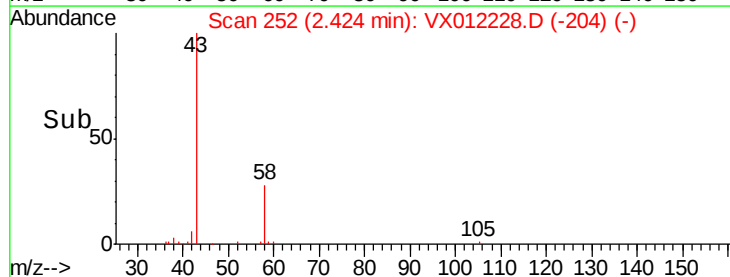
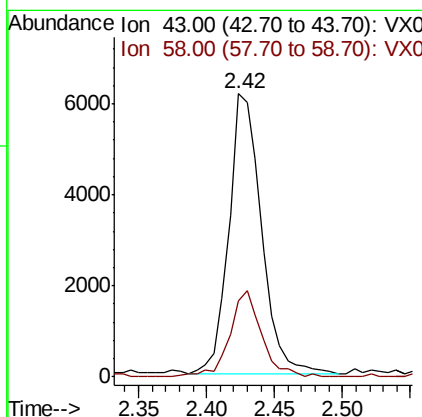
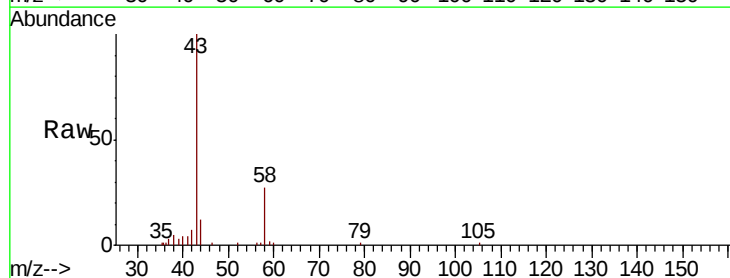
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(0)

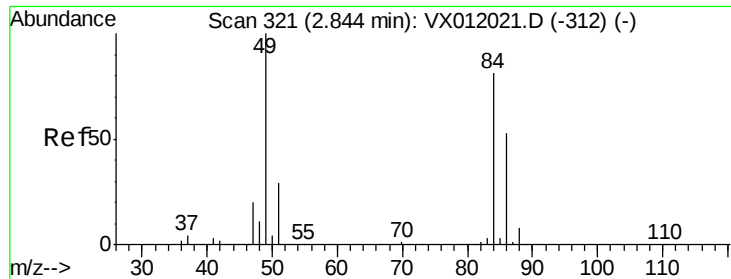
Tgt Ion: 59 Resp: 778
Ion Ratio Lower Upper
59 100
57 6.2 7.9 11.9#



#16
Acetone
Concen: 22.673 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Tgt Ion: 43 Resp: 10304
Ion Ratio Lower Upper
43 100
58 27.1 22.8 34.2

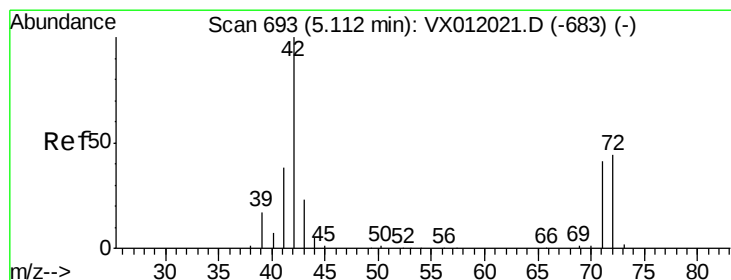
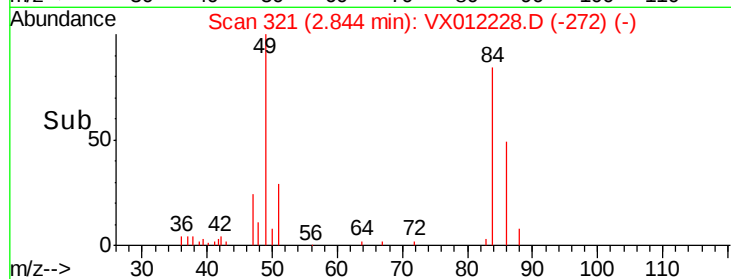
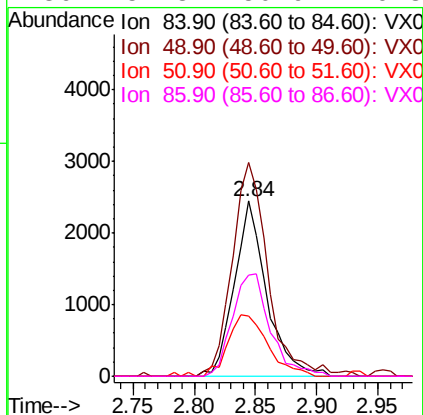
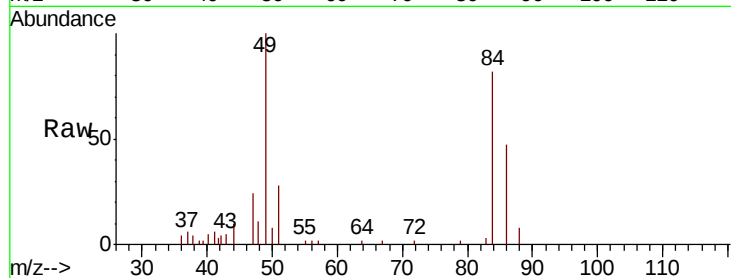




#20
Methylene Chloride
Concen: 2.454 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

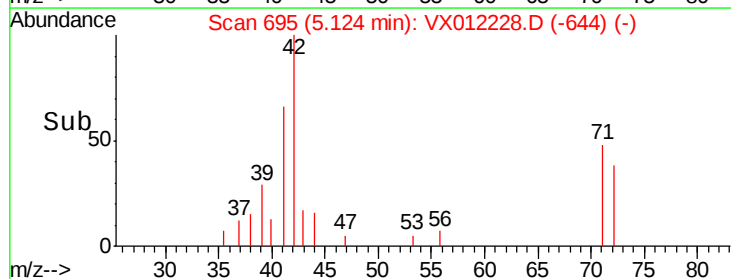
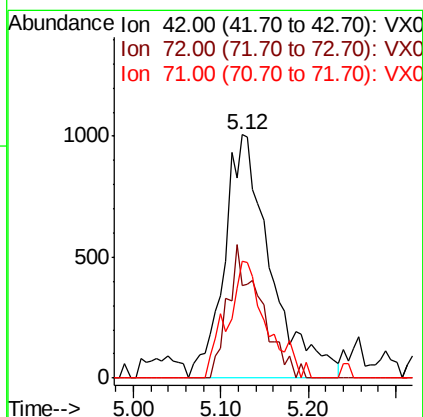
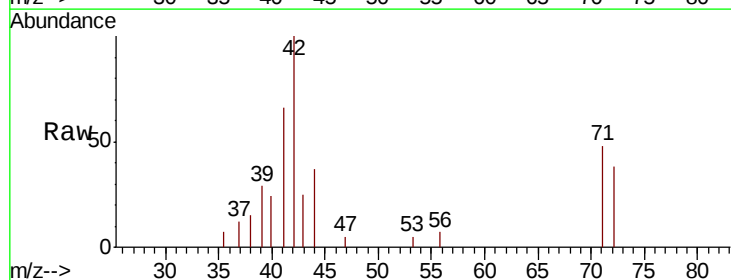
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(0)

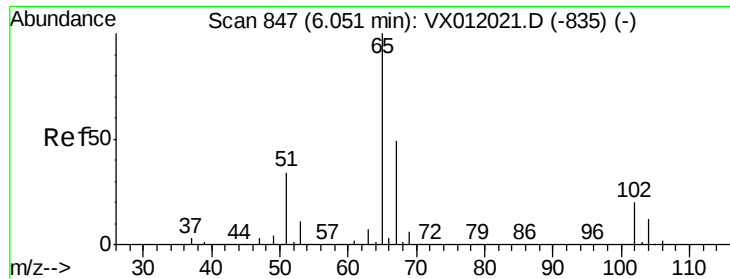
Tgt Ion:	84	Resp:	4478
Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.8	143.8
51	34.6	28.6	43.0
86	57.8	50.9	76.3



#29
Tetrahydrofuran
Concen: 10.607 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Tgt Ion:	42	Resp:	3697
Ion	Ratio	Lower	Upper
42	100		
72	38.7	37.0	55.4
71	40.9	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 49.056 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012228.D

Acq: 08 Sep 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

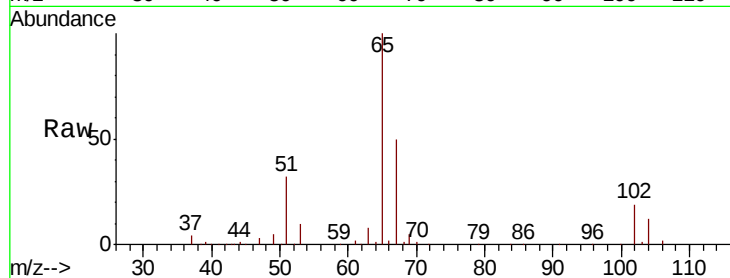
PAR-11-B3-(0)

Tgt Ion: 65 Resp: 93272

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

6.05

40000

30000

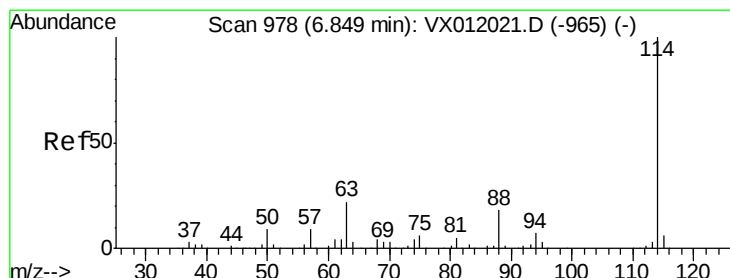
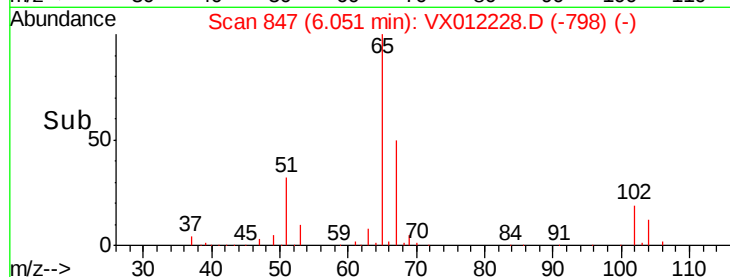
20000

10000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012228.D

Acq: 08 Sep 2019 17:36

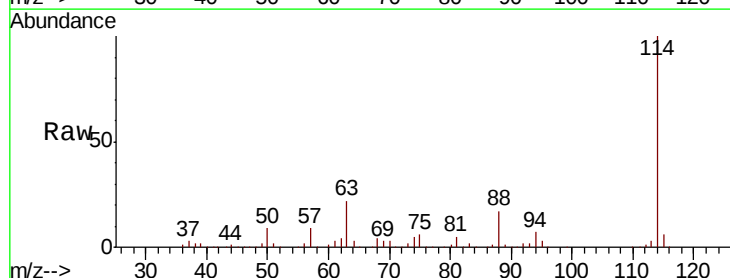
Tgt Ion: 114 Resp: 238085

Ion Ratio Lower Upper

114 100

63 22.4 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

6.85

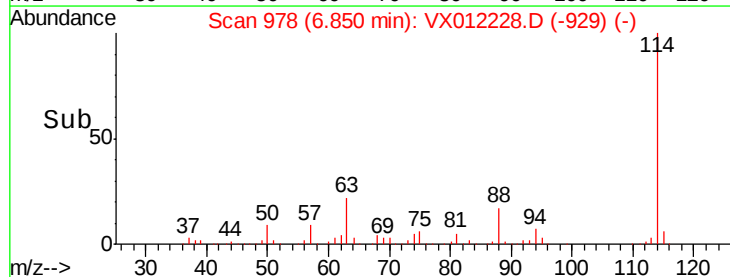
100000

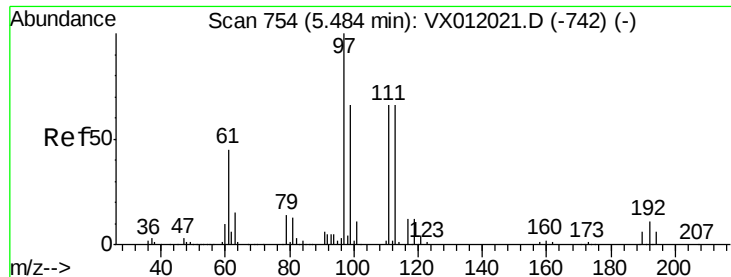
50000

0

6.80 6.90

Time-->





#35

Dibromofluoromethane

Concen: 48.542 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012228.D

Acq: 08 Sep 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B3-(0)

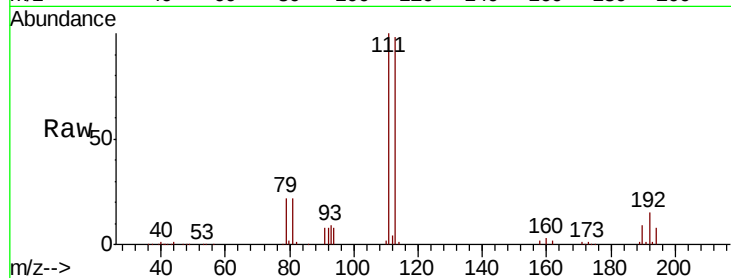
Tgt Ion:113 Resp: 71073

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

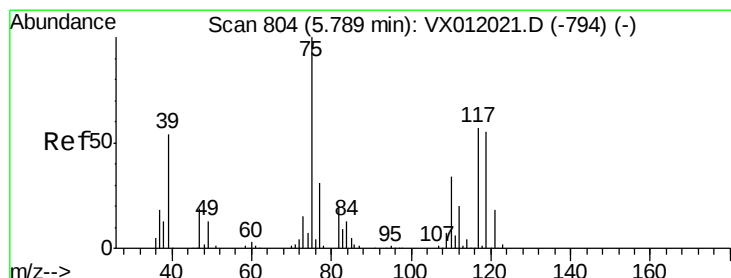
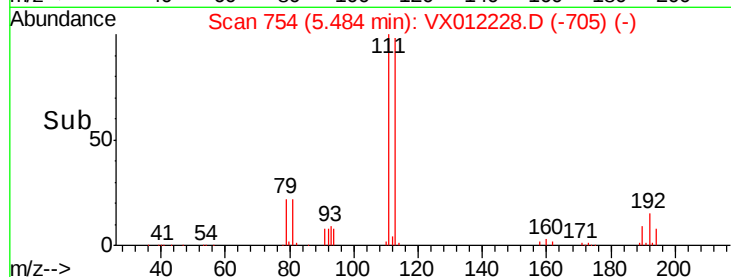
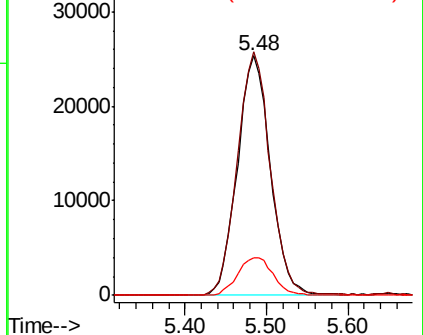
192 16.9 22.5 33.7#



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: 6.110 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012228.D

Acq: 08 Sep 2019 17:36

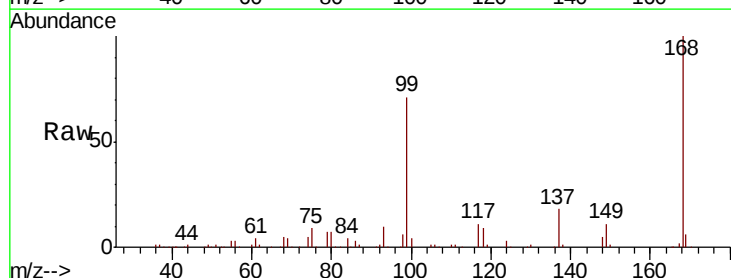
Tgt Ion: 75 Resp: 12812

Ion Ratio Lower Upper

75 100

110 9.6 19.5 58.5#

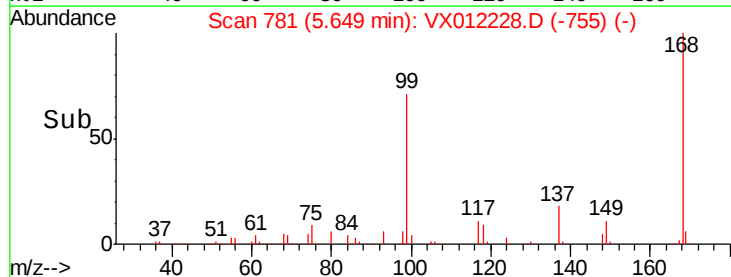
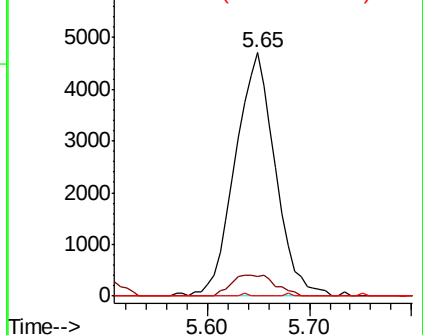
77 0.2 24.6 37.0#

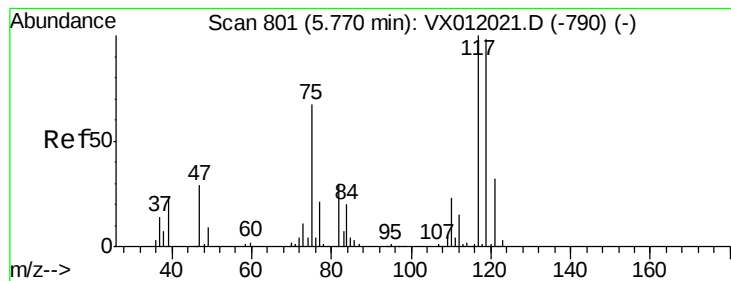


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.434 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX012228.D

Acq: 08 Sep 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B3-(0)

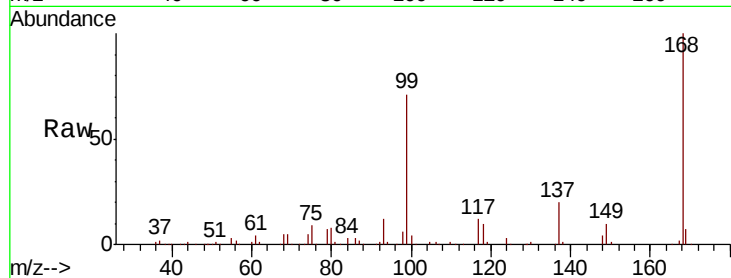
Tgt Ion:117 Resp: 16426

Ion Ratio Lower Upper

117 100

119 6.0 78.3 117.5#

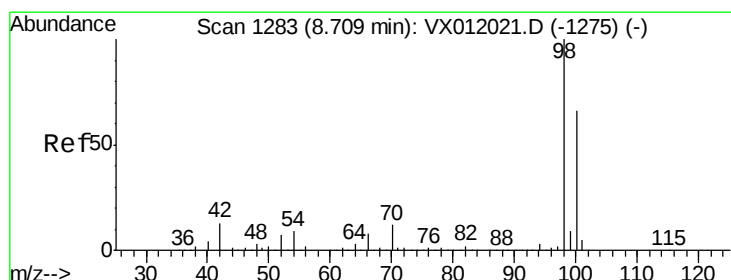
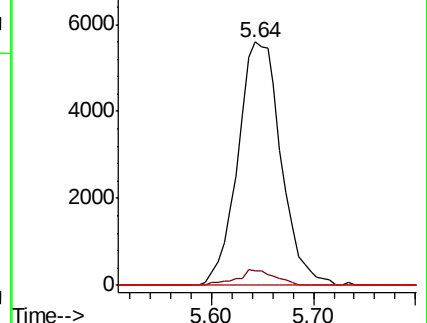
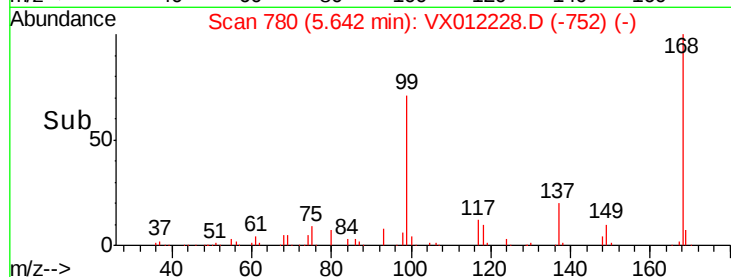
121 0.0 24.2 36.2#



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



#50

Toluene-d8

Concen: 53.062 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012228.D

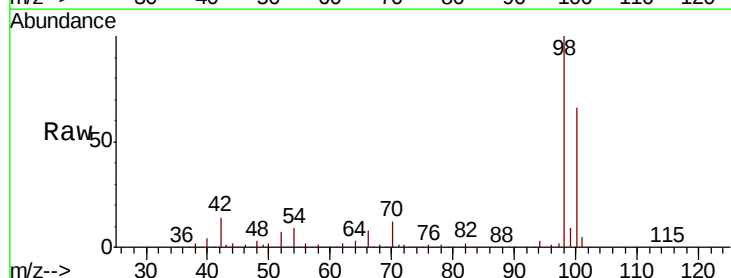
Acq: 08 Sep 2019 17:36

Tgt Ion: 98 Resp: 285093

Ion Ratio Lower Upper

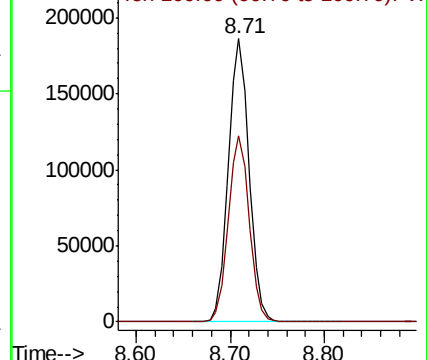
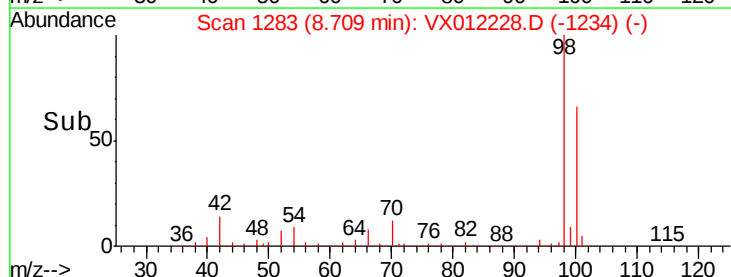
98 100

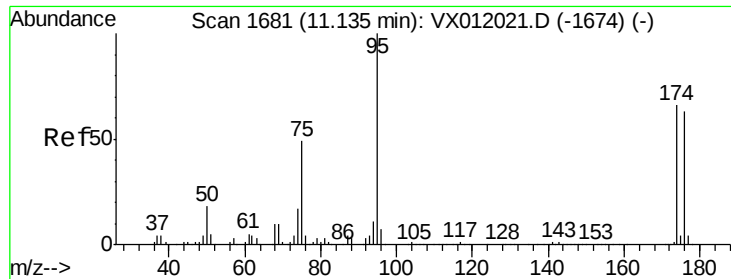
100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

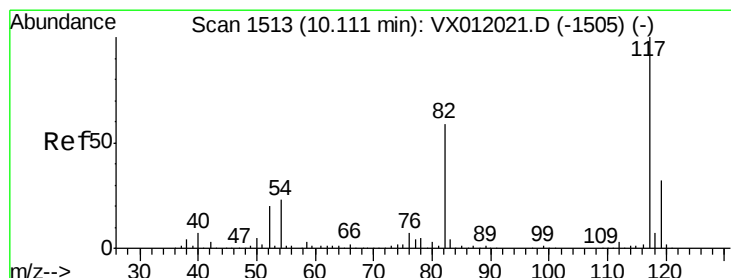
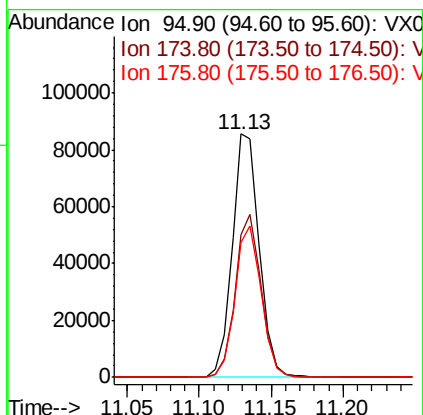
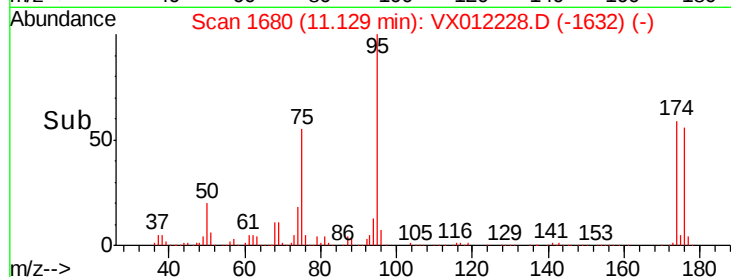
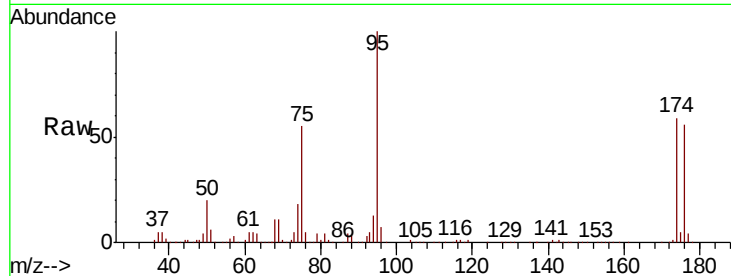




#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

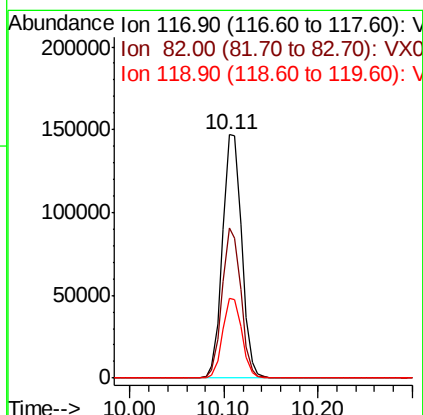
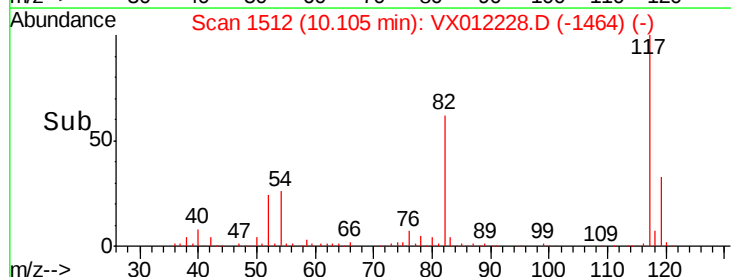
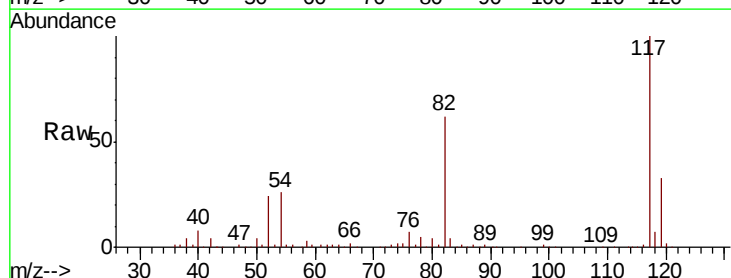
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(0)

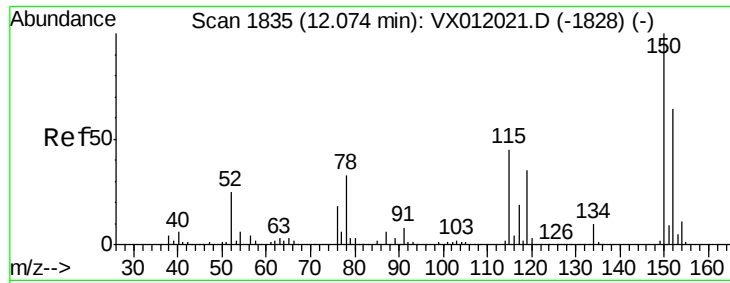
Tgt Ion: 95 Resp: 112376
Ion Ratio Lower Upper
95 100
174 64.0 0.0 205.4
176 60.6 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Tgt Ion: 117 Resp: 208648
Ion Ratio Lower Upper
117 100
82 61.8 39.4 59.0#
119 32.7 26.1 39.1

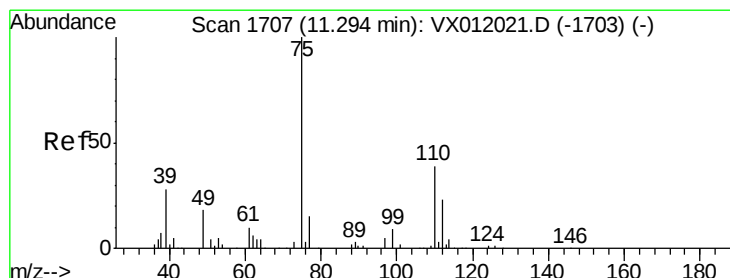
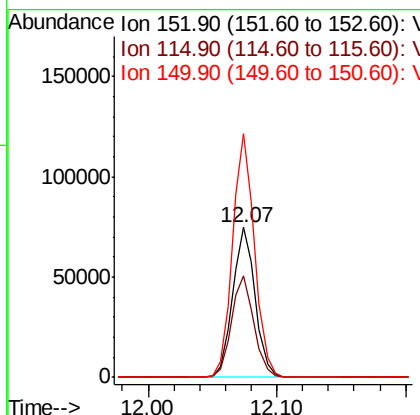
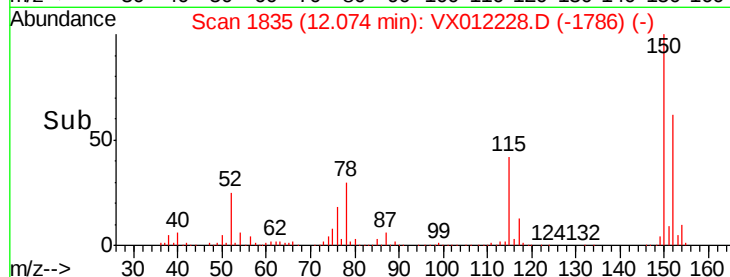
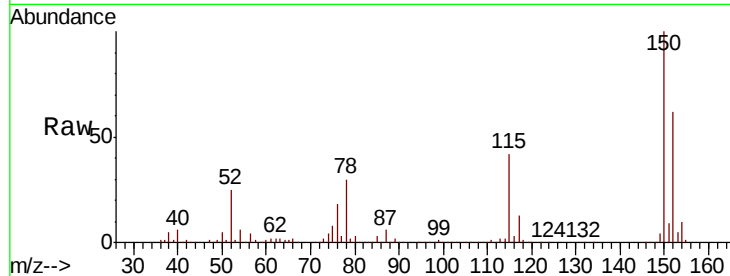




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012228.D
 Acq: 08 Sep 2019 17:36

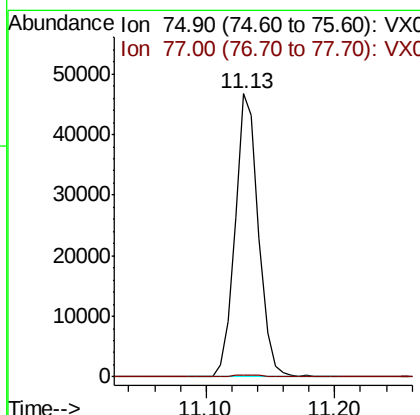
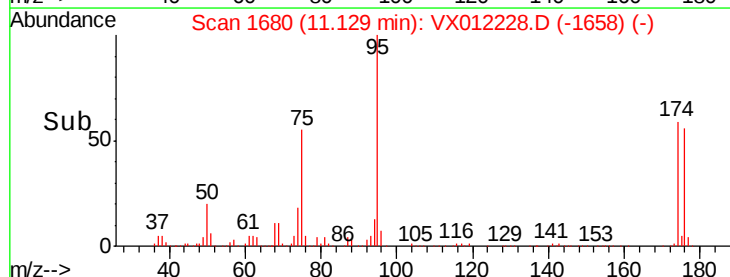
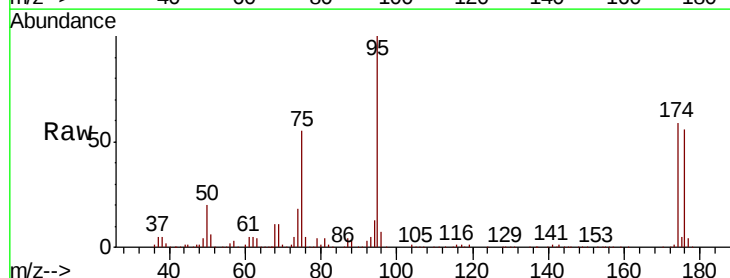
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(0)

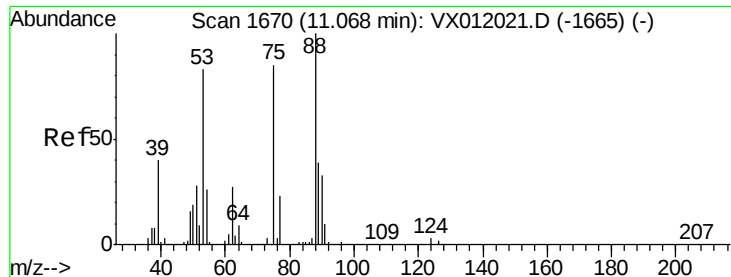
Tgt Ion:152 Resp: 91085
 Ion Ratio Lower Upper
 152 100
 115 67.6 36.4 109.3
 150 158.8 0.0 341.2



#76
 1,2,3-Trichloropropane
 Concen: 52.968 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012228.D
 Acq: 08 Sep 2019 17:36

Tgt Ion: 75 Resp: 58949
 Ion Ratio Lower Upper
 75 100
 77 1.1 23.5 70.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.224 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012228.D
 Acq: 08 Sep 2019 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(0)

Tgt Ion: 75 Resp: 58949
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.6 117.8#
 89 0.0 38.8 58.2#

