

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012152.D
 Acq On : 06 Sep 2019 17:05
 Operator : SY/SP
 Sample : K4601-08
 Misc : 3.01g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E3-(2.7)

Quant Time: Sep 07 01:15:47 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	151901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103344	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	104869	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	5.48	113	78893	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	313700	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	124198	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	

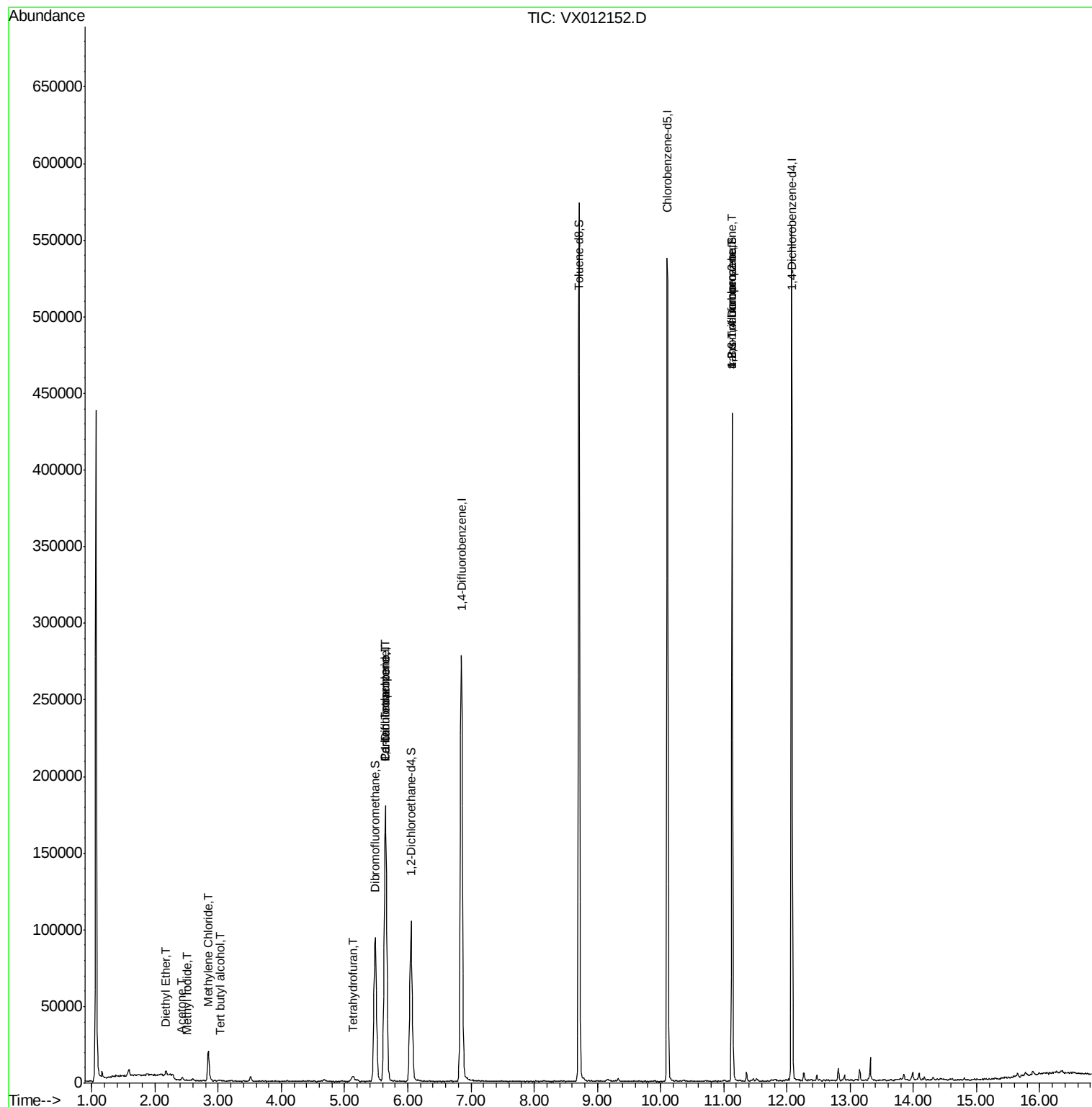
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	870	1.201	ug/l	90
10) Methyl Iodide	2.51	142	106	7.046	ug/l #	61
11) Tert butyl alcohol	3.03	59	770	3.825	ug/l #	44
13) Acrolein	2.29	56	278	Below Cal	#	70
16) Acetone	2.42	43	1888	3.769	ug/l	91
20) Methylene Chloride	2.84	84	9198	4.572	ug/l	96
29) Tetrahydrofuran	5.12	42	3691	9.607	ug/l	98
36) 1,1-Dichloropropene	5.65	75	14009	5.992	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18055	7.329	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	64775	51.299	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	64775	121.278	ug/l #	10

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

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T12-E3-(2.7)

Quant Time: Sep 07 01:15:47 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: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

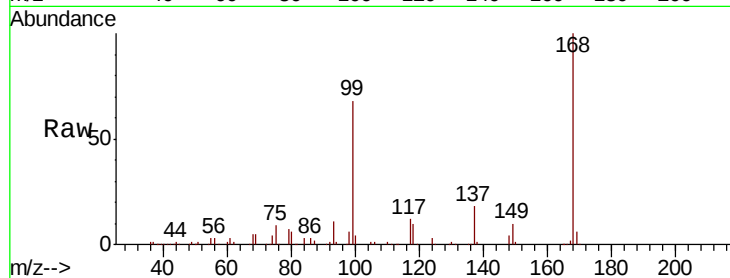
T12-E3-(2.7)

Tgt Ion:168 Resp: 151901

Ion Ratio Lower Upper

168 100

99 68.5 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

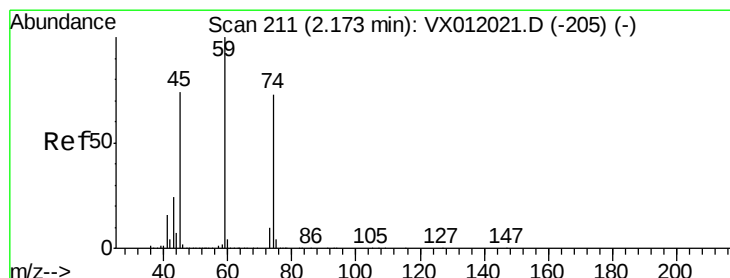
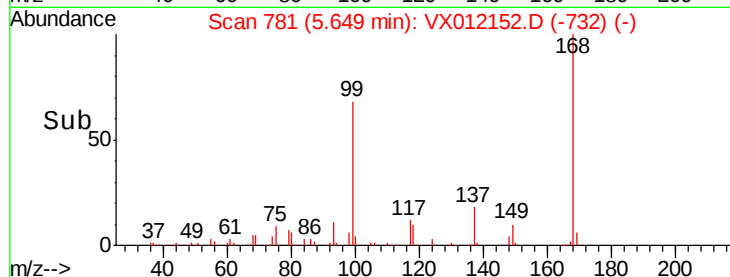
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.201 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012152.D

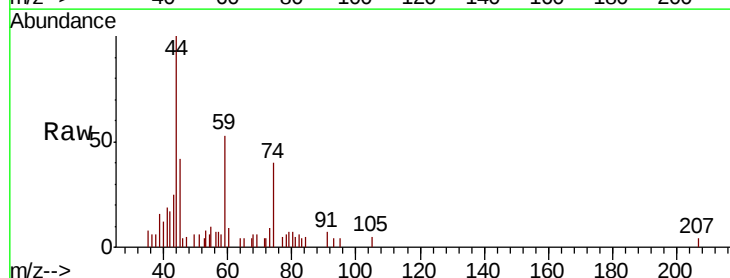
Acq: 06 Sep 2019 17:05

Tgt Ion: 74 Resp: 870

Ion Ratio Lower Upper

74 100

45 101.3 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

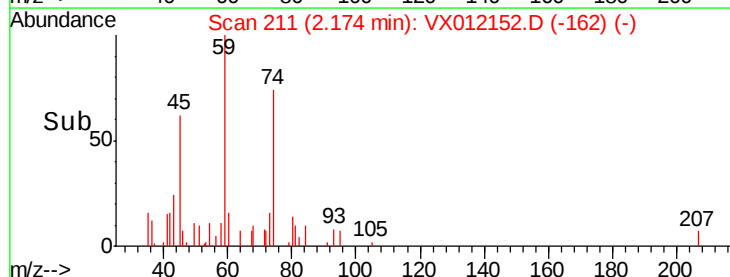
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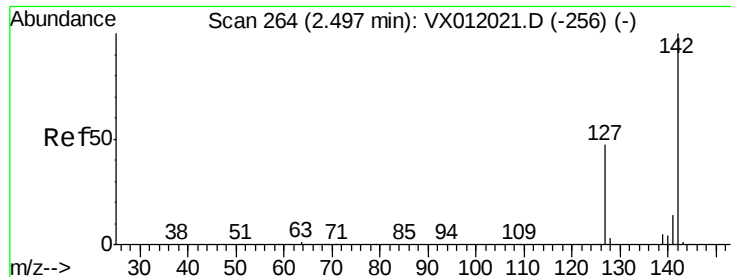
200

0

Time-->

2.15 2.20

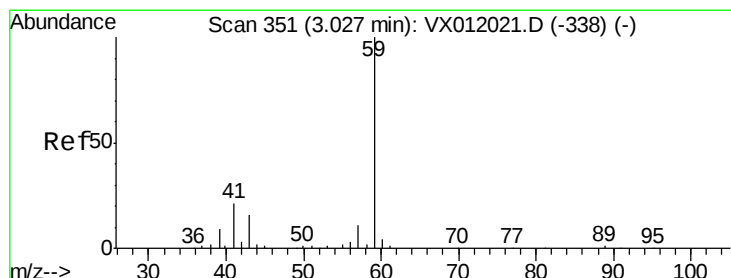
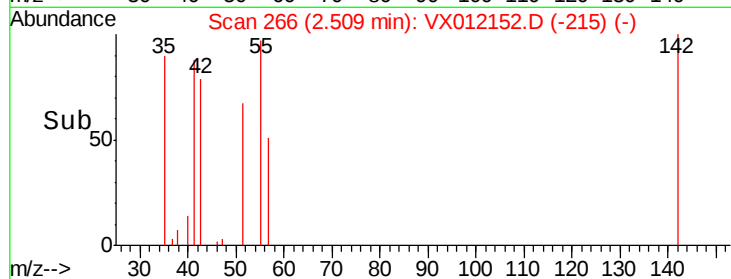
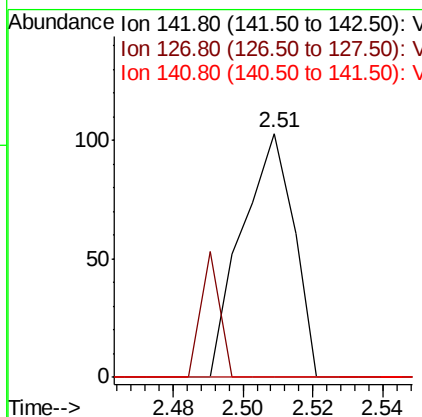
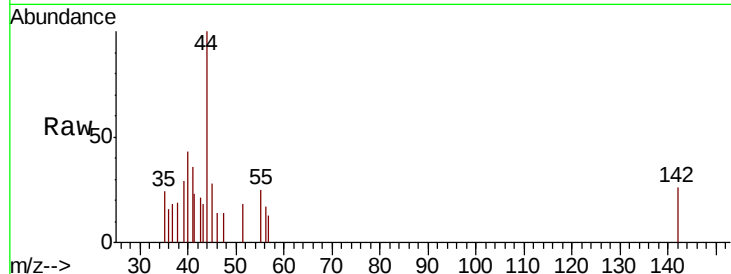




#10
Methyl Iodide
Concen: 7.046 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012152.D
Acq: 06 Sep 2019 17:05

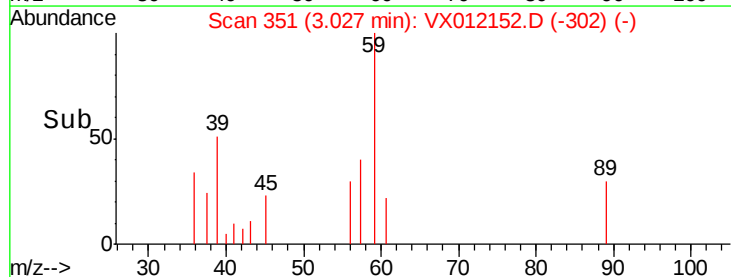
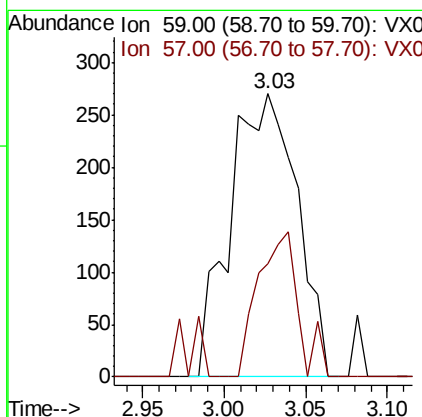
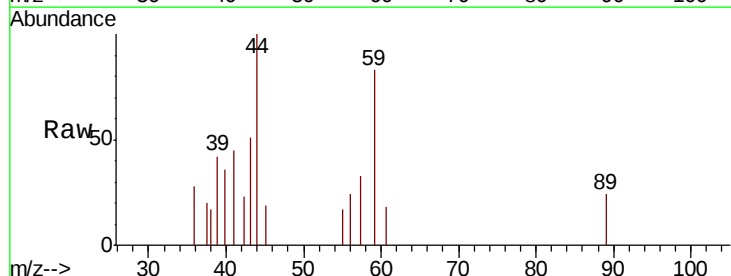
Instrument :
MSVOA_X
ClientSampled :
T12-E3-(2.7)

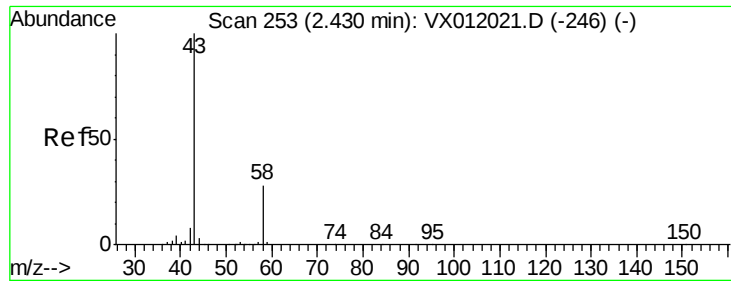
Tgt Ion: 142 Resp: 106
Ion Ratio Lower Upper
142 100
127 17.9 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.825 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012152.D
Acq: 06 Sep 2019 17:05

Tgt Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 30.8 7.9 11.9#





#16

Acetone

Concen: 3.769 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

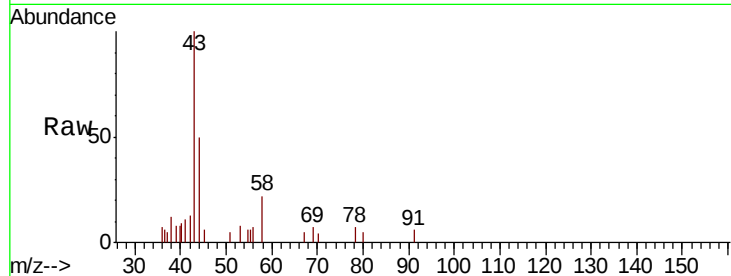
T12-E3-(2.7)

Tgt Ion: 43 Resp: 1888

Ion Ratio Lower Upper

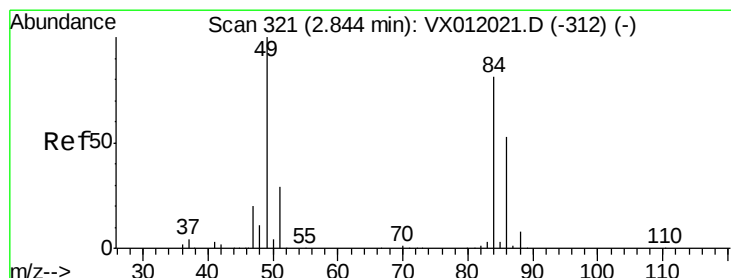
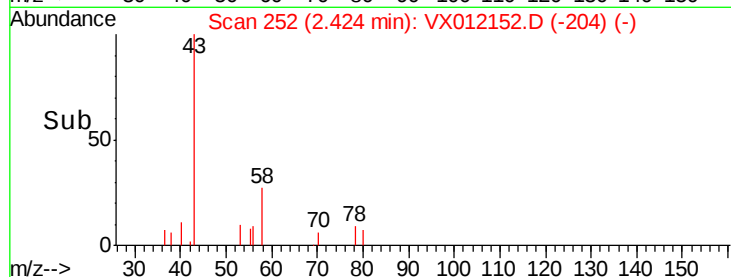
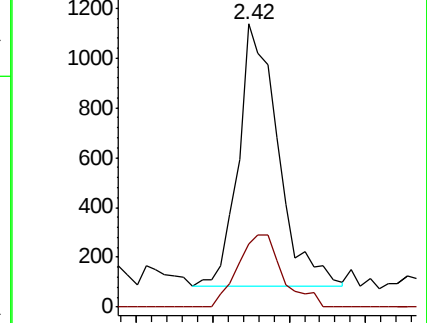
43 100

58 24.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 4.572 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

Tgt Ion: 84 Resp: 9198

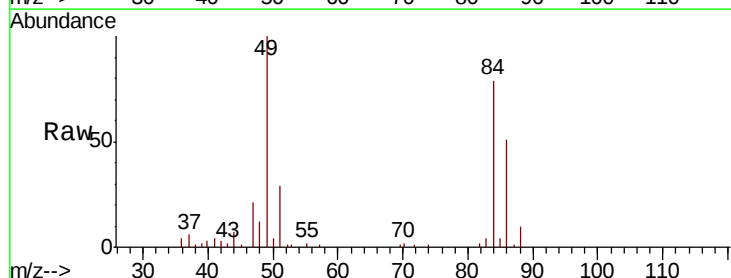
Ion Ratio Lower Upper

84 100

49 126.4 95.8 143.8

51 36.9 28.6 43.0

86 64.7 50.9 76.3

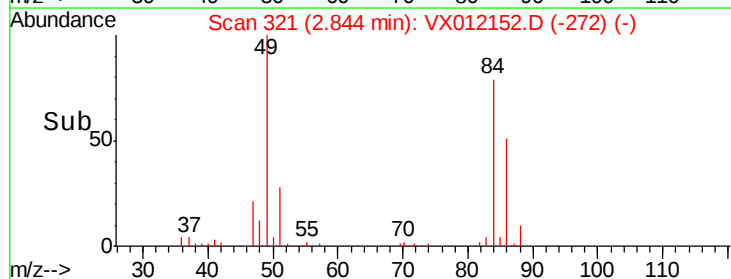
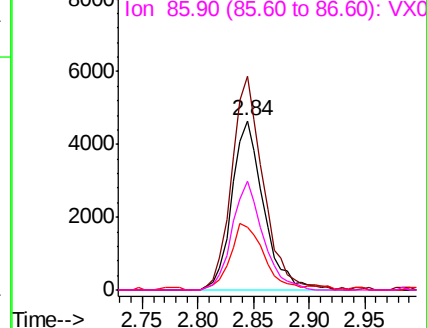


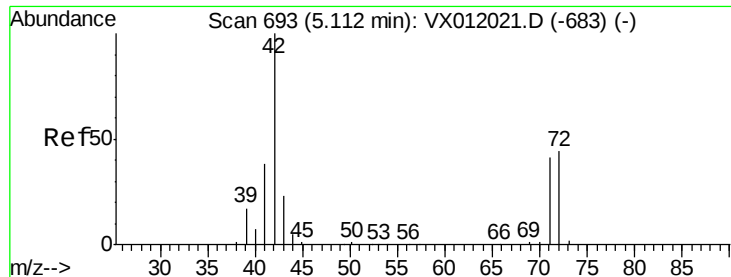
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

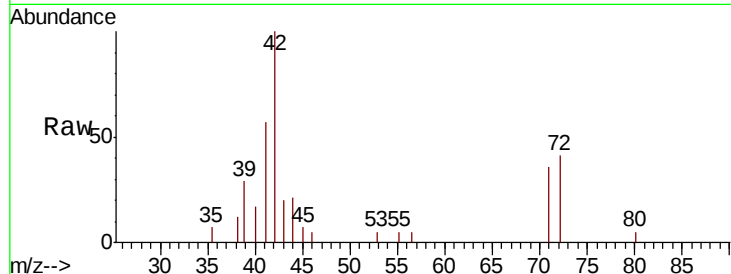




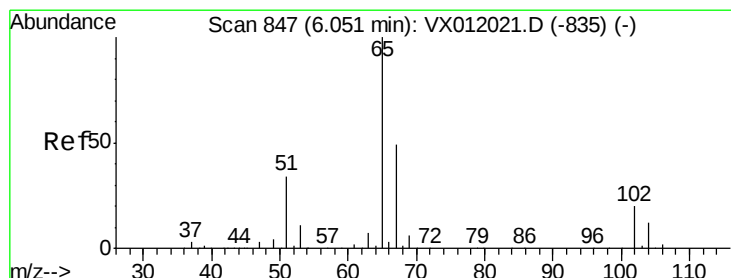
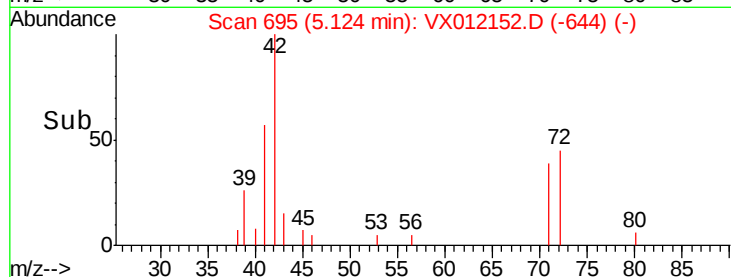
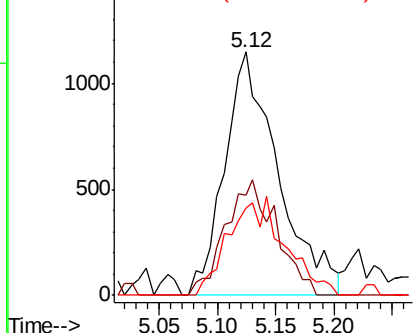
#29
Tetrahydrofuran
Concen: 9.607 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012152.D
Acq: 06 Sep 2019 17:05

Instrument :
MSVOA_X
ClientSampled :
T12-E3-(2.7)

Tgt Ion: 42 Resp: 3691
Ion Ratio Lower Upper
42 100
72 44.8 37.0 55.4
71 41.8 33.8 50.8

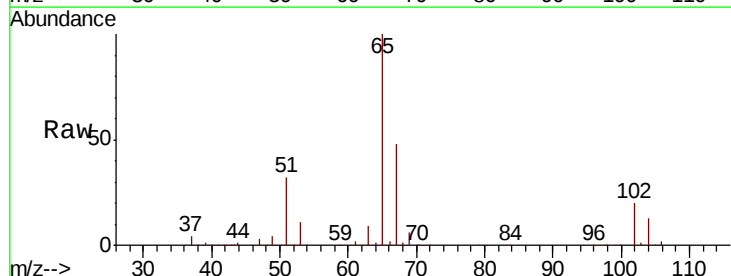


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

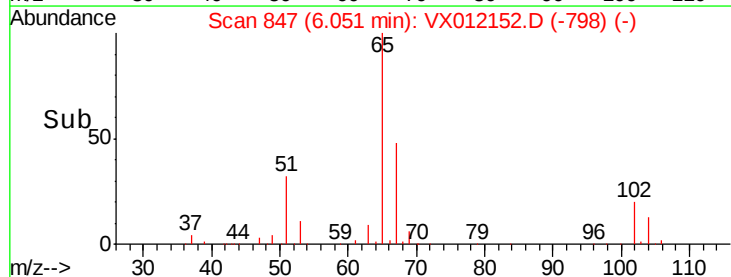
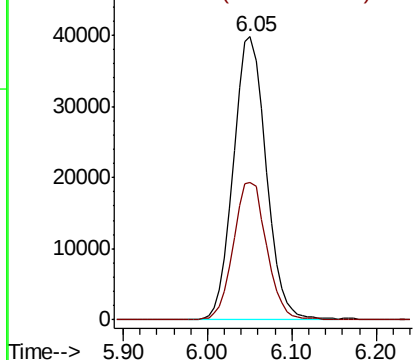


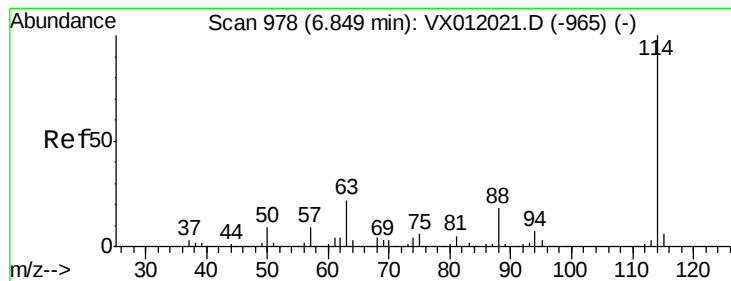
#33
1,2-Dichloroethane-d4
Concen: 50.035 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012152.D
Acq: 06 Sep 2019 17:05

Tgt Ion: 65 Resp: 104869
Ion Ratio Lower Upper
65 100
67 49.2 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: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

T12-E3-(2.7)

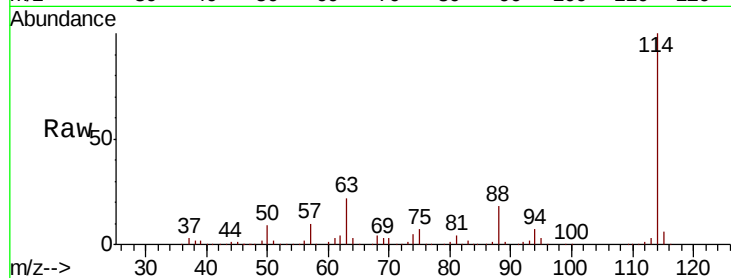
Tgt Ion:114 Resp: 265436

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

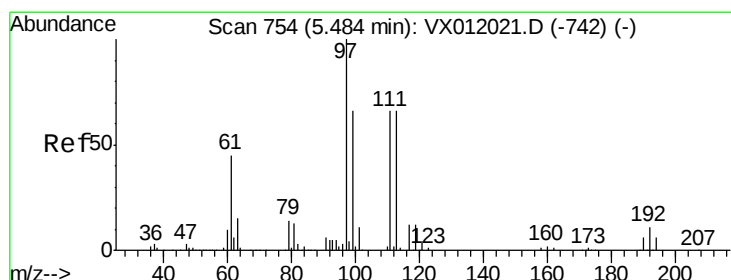
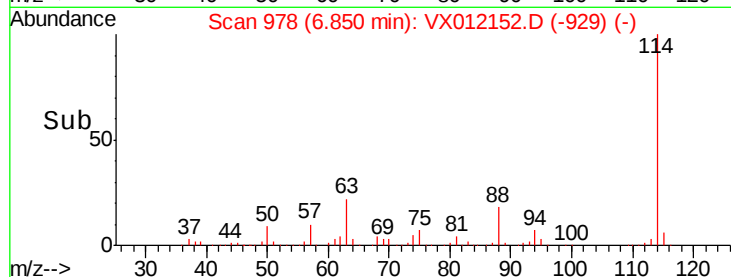
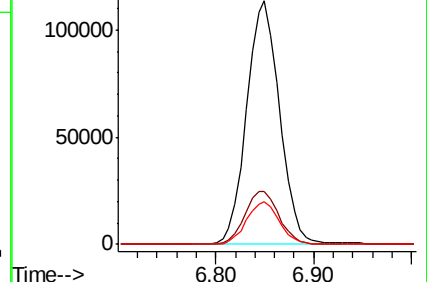
88 17.6 0.0 29.6



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: 48.331 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

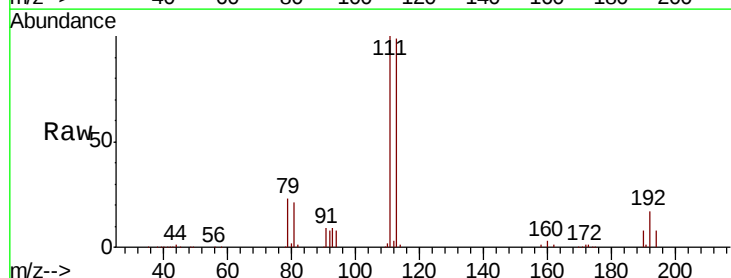
Tgt Ion:113 Resp: 78893

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

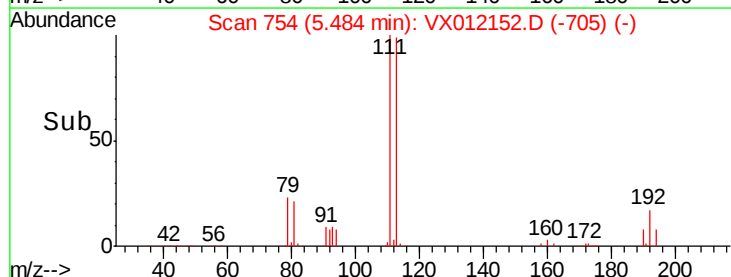
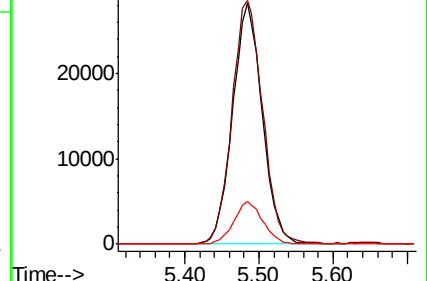
192 17.2 22.5 33.7#

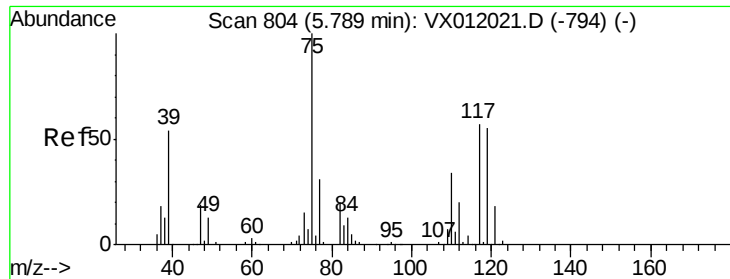


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

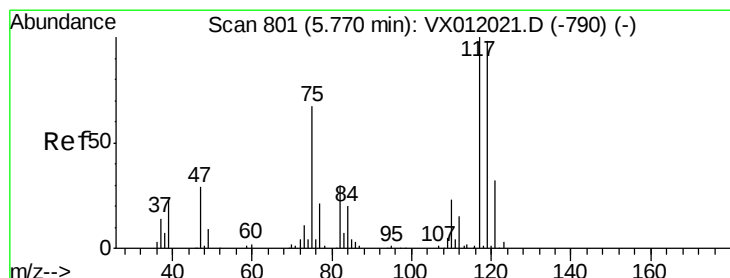
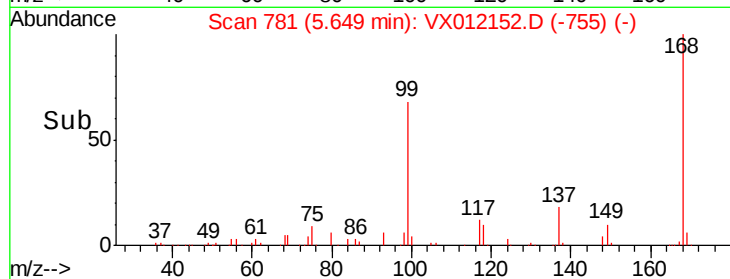
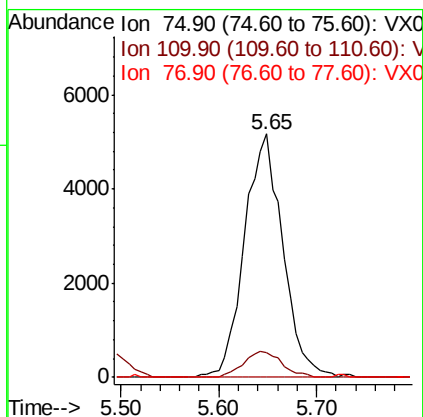
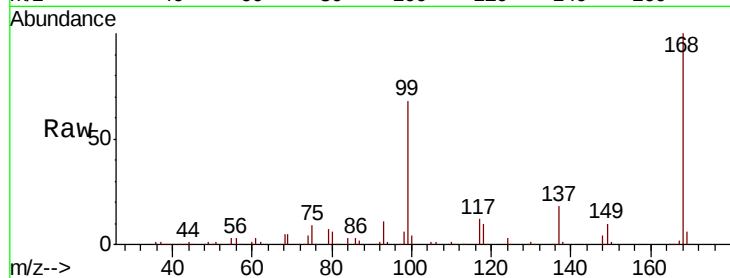




#36
 1,1-Dichloropropene
 Concen: 5.992 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012152.D
 Acq: 06 Sep 2019 17:05

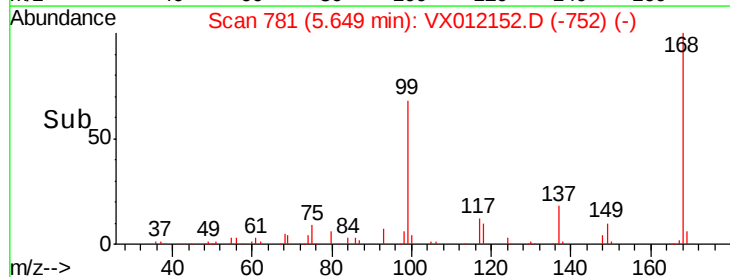
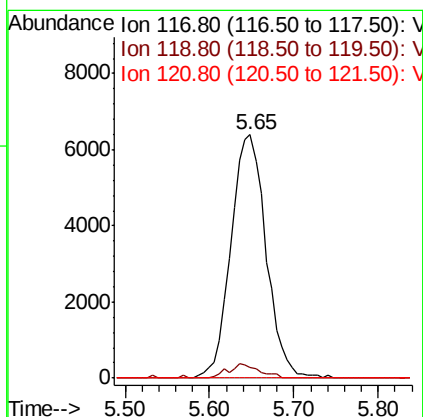
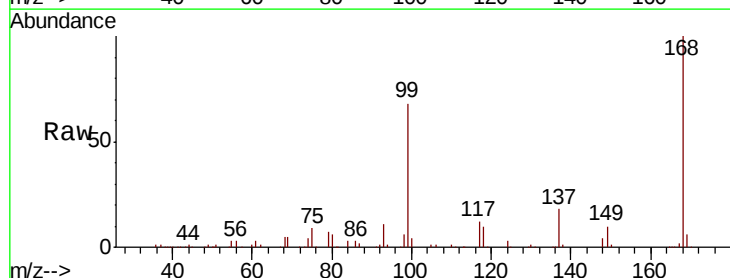
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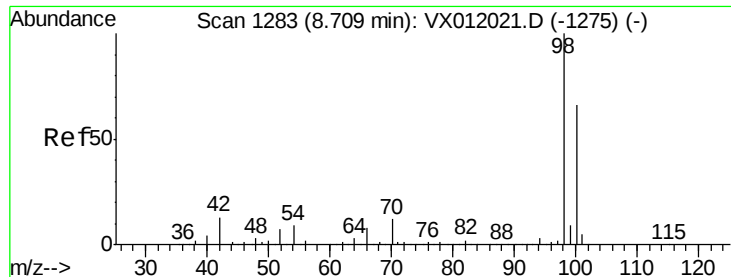
Tgt Ion: 75 Resp: 14009
 Ion Ratio Lower Upper
 75 100
 110 10.7 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.329 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012152.D
 Acq: 06 Sep 2019 17:05

Tgt Ion: 117 Resp: 18055
 Ion Ratio Lower Upper
 117 100
 119 4.3 78.3 117.5#
 121 0.0 24.2 36.2#

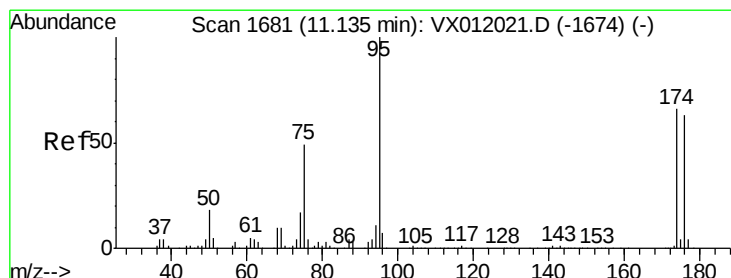
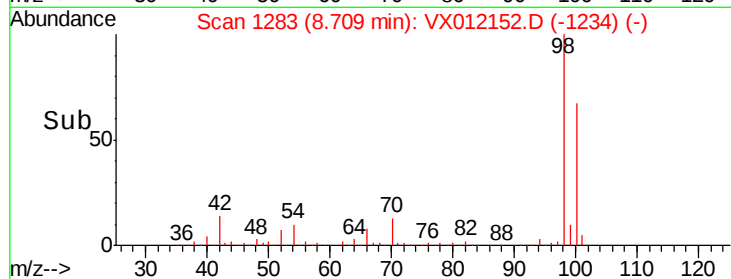
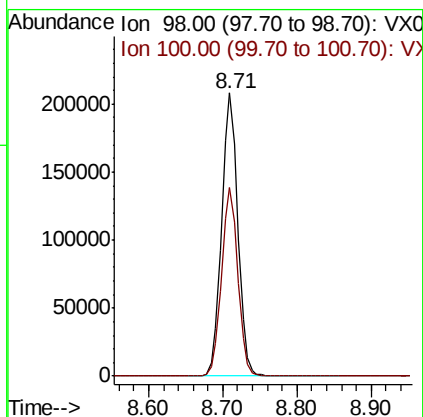
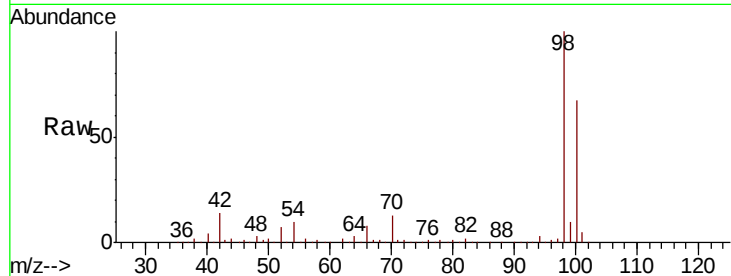




#50
Toluene-d8
Concen: 52.371 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012152.D
Acq: 06 Sep 2019 17:05

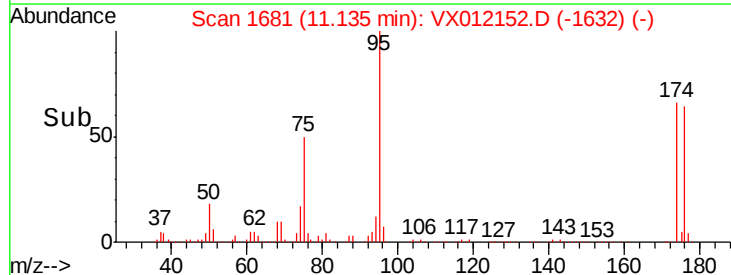
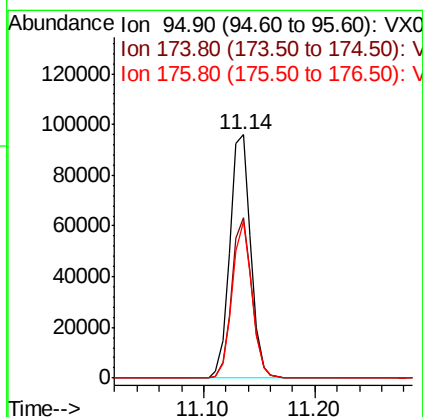
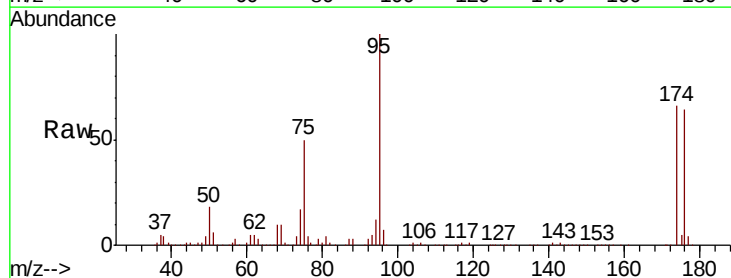
Instrument :
MSVOA_X
ClientSampleId :
T12-E3-(2.7)

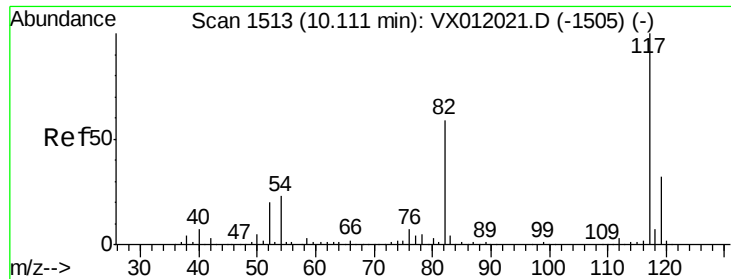
Tgt Ion: 98 Resp: 313700
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.584 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012152.D
Acq: 06 Sep 2019 17:05

Tgt Ion: 95 Resp: 124198
Ion Ratio Lower Upper
95 100
174 64.0 0.0 205.4
176 61.0 0.0 201.8

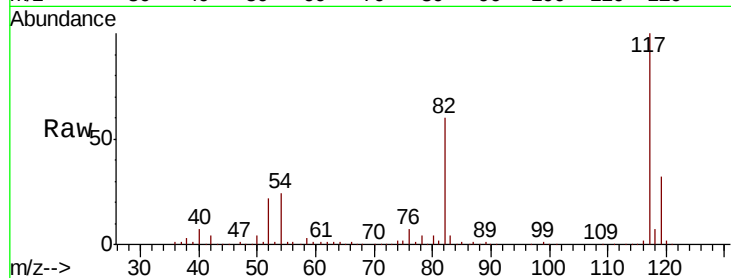




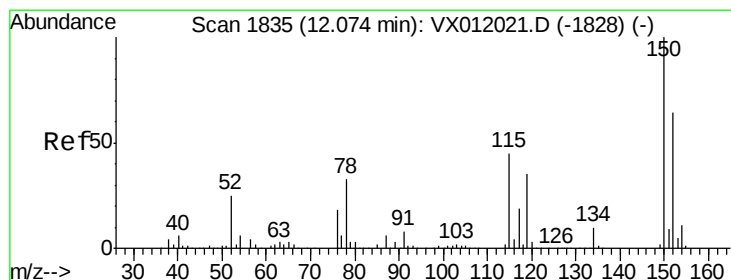
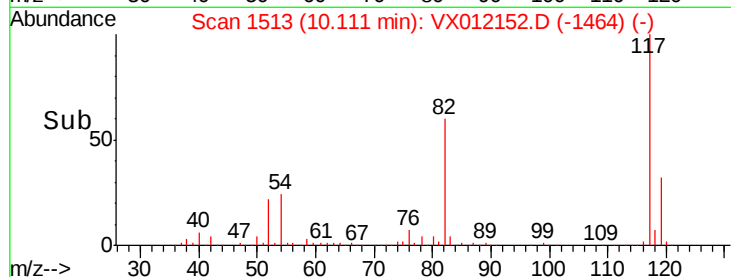
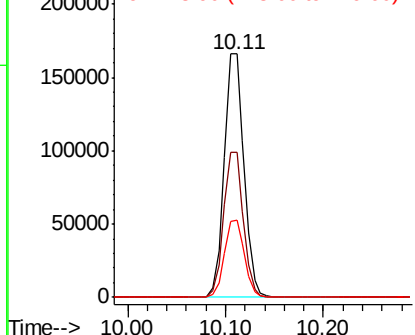
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012152.D
 Acq: 06 Sep 2019 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E3-(2.7)

Tgt Ion:117 Resp: 232823
 Ion Ratio Lower Upper
 117 100
 82 59.8 39.4 59.0#
 119 31.5 26.1 39.1

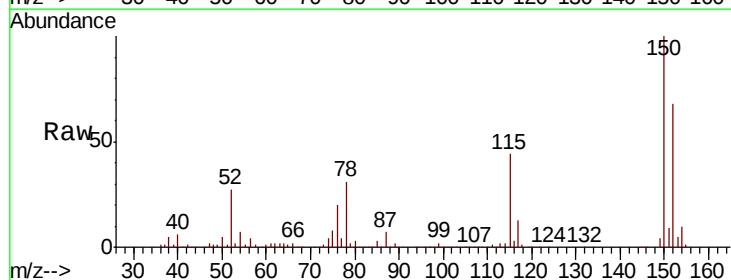


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

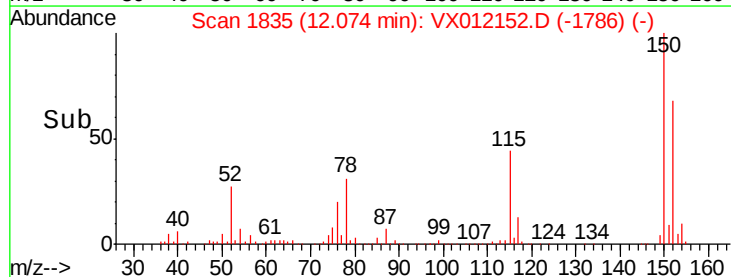
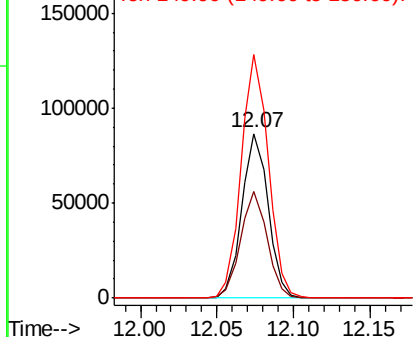


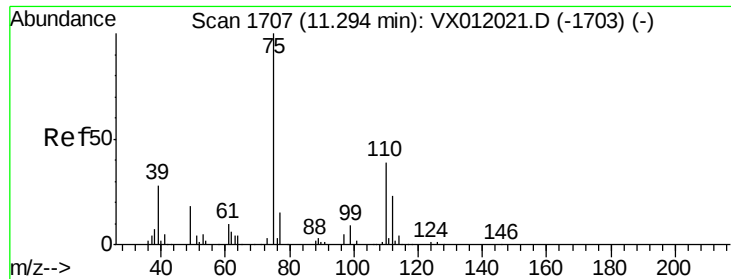
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012152.D
 Acq: 06 Sep 2019 17:05

Tgt Ion:152 Resp: 103344
 Ion Ratio Lower Upper
 152 100
 115 65.4 36.4 109.3
 150 152.3 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: 51.299 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampled :

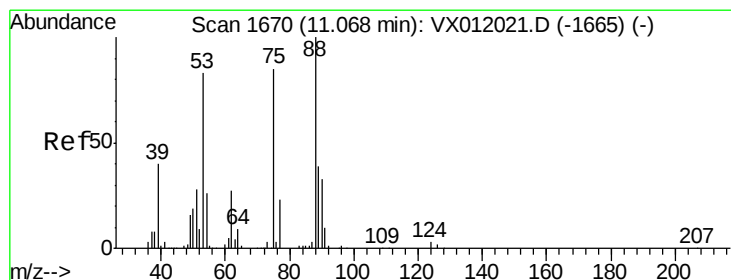
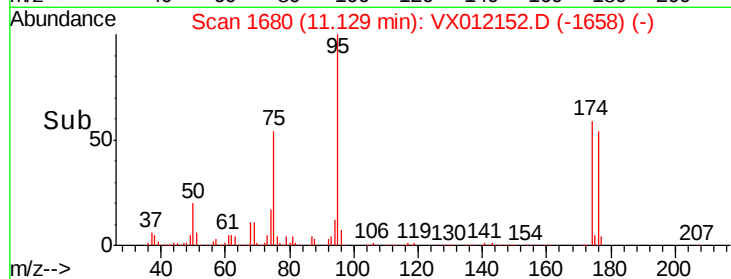
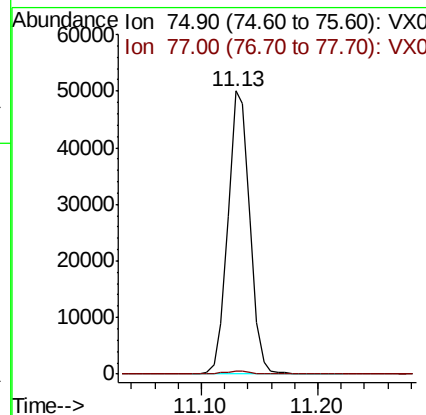
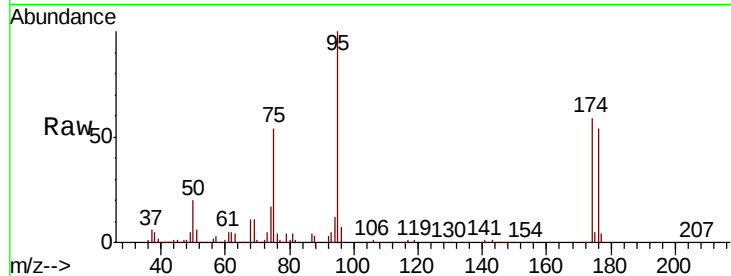
T12-E3-(2.7)

Tgt Ion: 75 Resp: 64775

Ion Ratio Lower Upper

75 100

77 1.4 23.5 70.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.278 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

Tgt Ion: 75 Resp: 64775

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.0 38.8 58.2#

