

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012084.D
 Acq On : 05 Sep 2019 07:05
 Operator : SY/SP
 Sample : K4548-02
 Misc : 4.73g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)

Quant Time: Sep 05 08:05:51 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	146497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	163520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	41524	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	92961	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
35) Dibromofluoromethane	5.48	113	73011	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	274478	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	68868	26.83	ug/l	0.00
Spiked Amount			Recovery	=	53.66%	

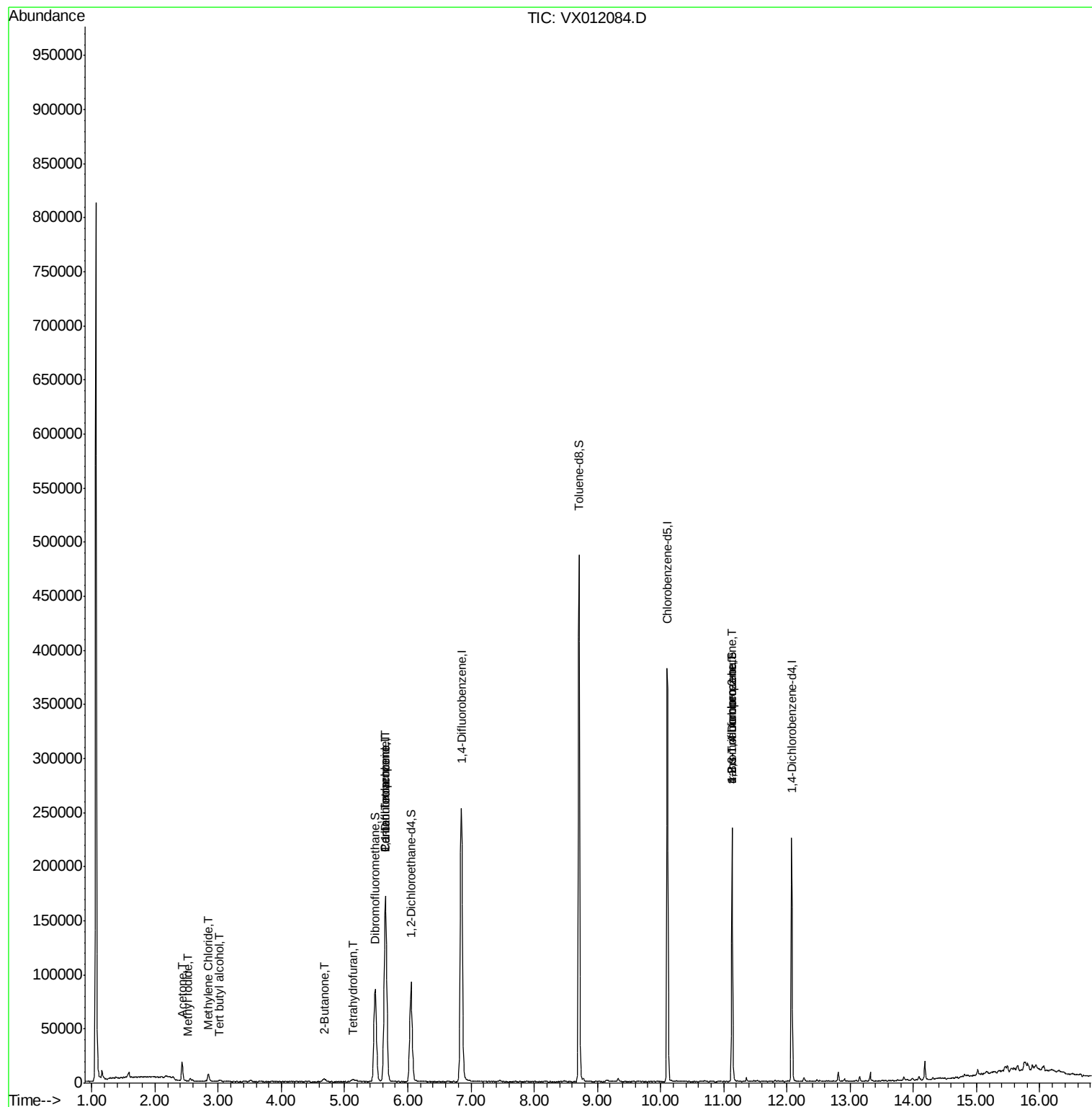
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	38	7.010	ug/l #	40
11) Tert butyl alcohol	3.03	59	1344	6.922	ug/l #	90
13) Acrolein	2.28	56	493	Below Cal		87
16) Acetone	2.43	43	18111	37.485	ug/l	98
20) Methylene Chloride	2.84	84	3063	1.579	ug/l #	77
25) 2-Butanone	4.69	43	1891	3.075	ug/l	93
29) Tetrahydrofuran	5.14	42	2566	6.925	ug/l #	52
36) 1,1-Dichloropropene	5.64	75	13447	6.243	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17410	7.671	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	35881	70.721	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	35881	167.195	ug/l #	10

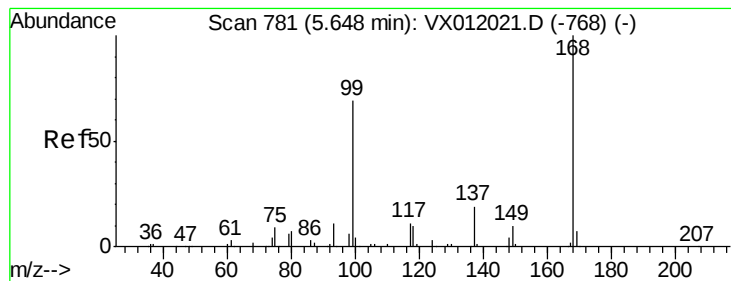
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
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T11-2-(2.5)

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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: VX012084.D

Acq: 05 Sep 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

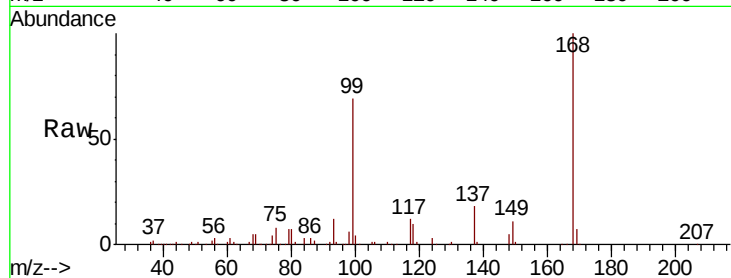
T11-2-(2.5)

Tgt Ion:168 Resp: 146497

Ion Ratio Lower Upper

168 100

99 68.7 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

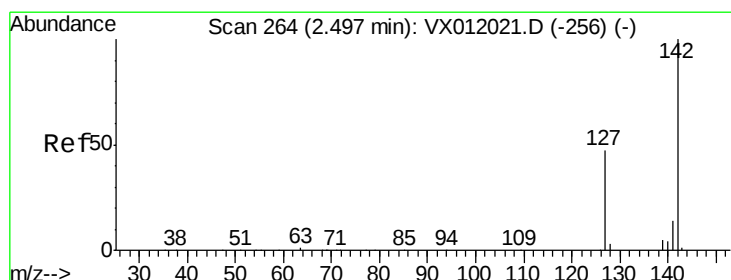
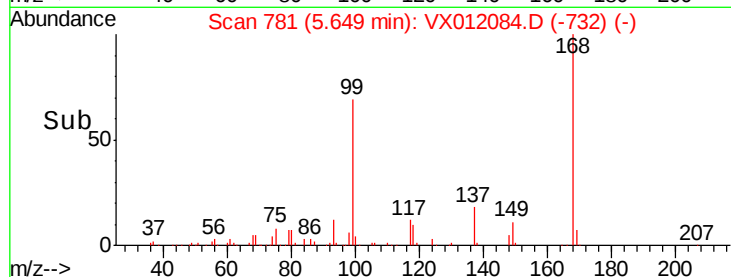
30000

20000

10000

0

Time-->



#10

Methyl Iodide

Concen: 7.010 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX012084.D

Acq: 05 Sep 2019 07:05

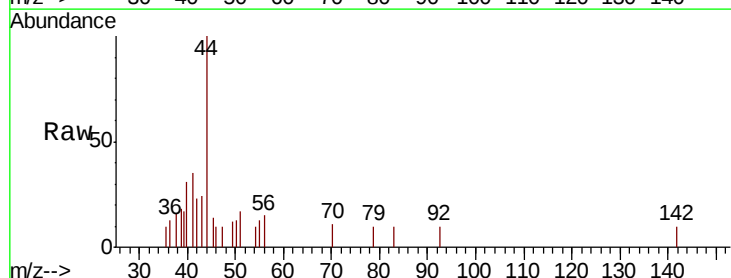
Tgt Ion:142 Resp: 38

Ion Ratio Lower Upper

142 100

127 0.0 35.4 53.2#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

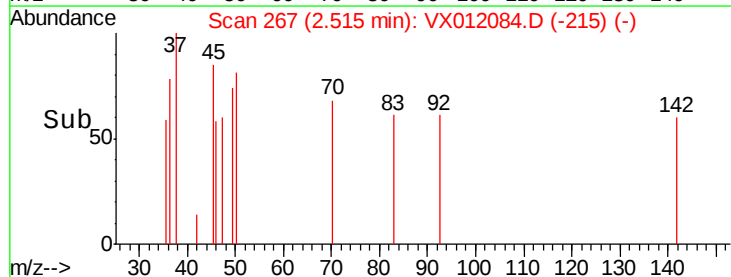
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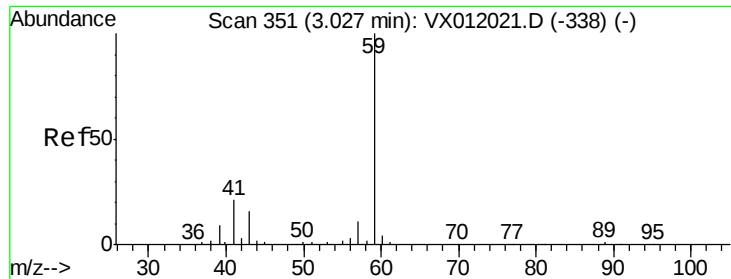
40

20

0

Time-->

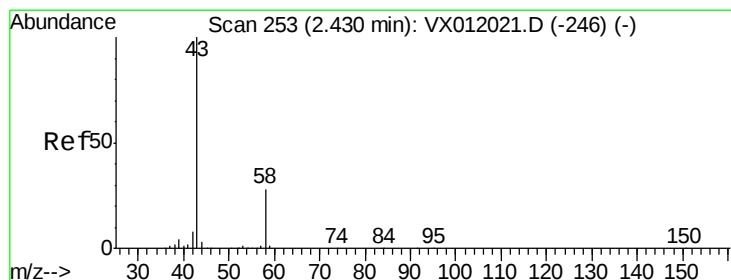
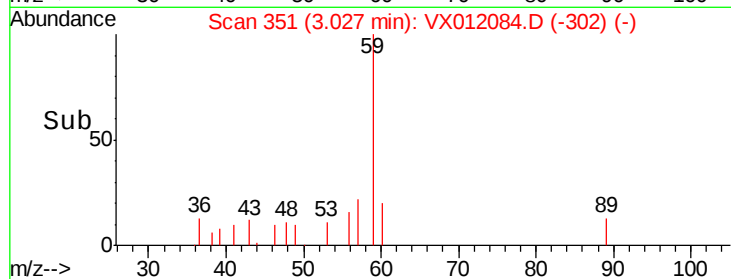
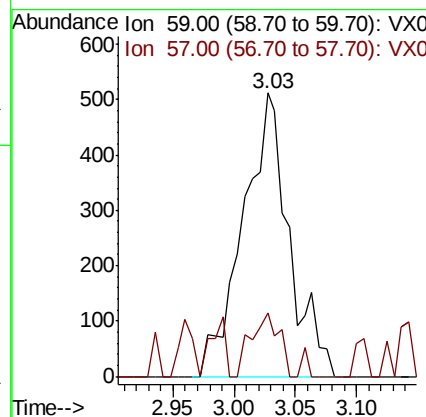
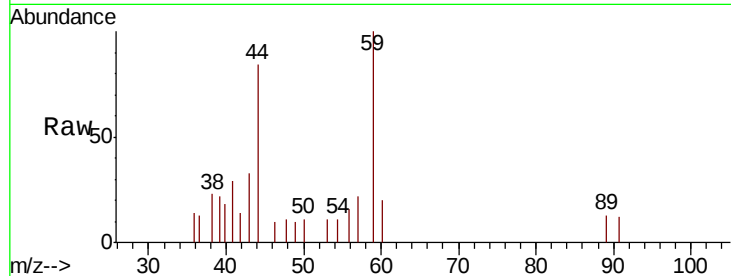




#11
Tert butyl alcohol
Concen: 6.922 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

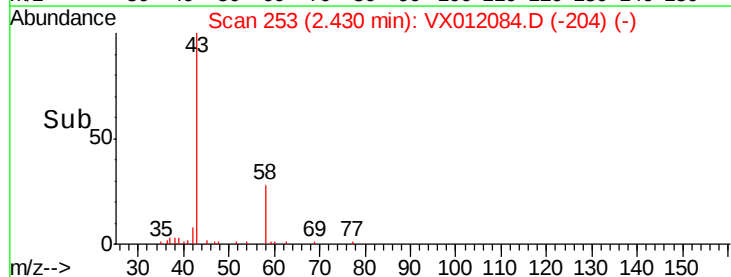
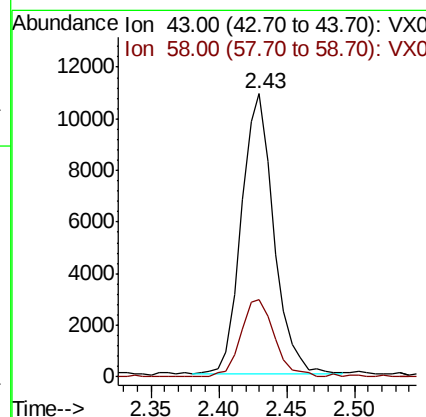
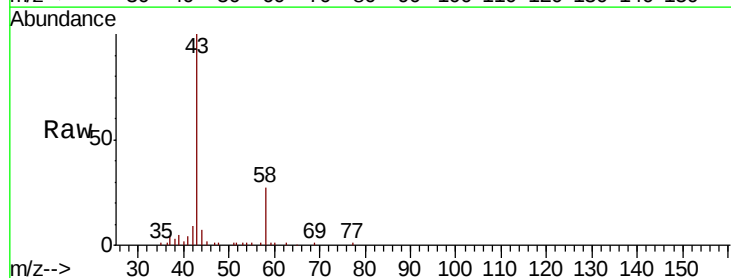
Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)

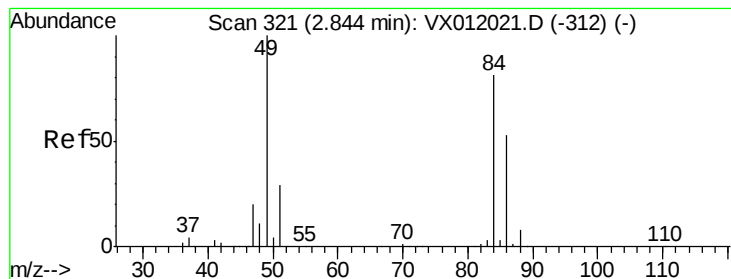
Tgt Ion: 59 Resp: 1344
Ion Ratio Lower Upper
59 100
57 13.7 7.9 11.9#



#16
Acetone
Concen: 37.485 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

Tgt Ion: 43 Resp: 18111
Ion Ratio Lower Upper
43 100
58 27.7 22.8 34.2





#20

Methylene Chloride

Concen: 1.579 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012084.D

Acq: 05 Sep 2019 07:05

Instrument :

MSVOA_X

ClientSampled :

T11-2-(2.5)

Tgt Ion: 84 Resp: 3063

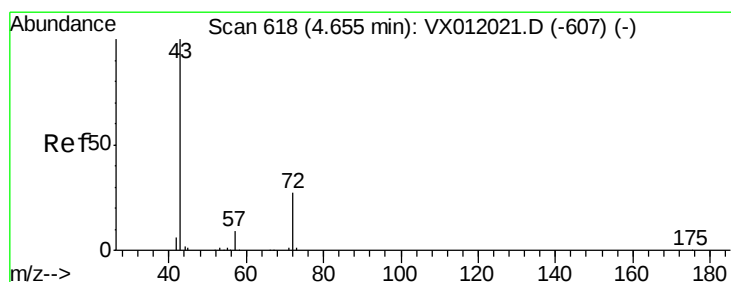
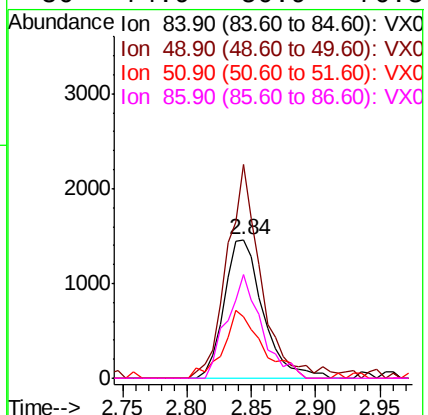
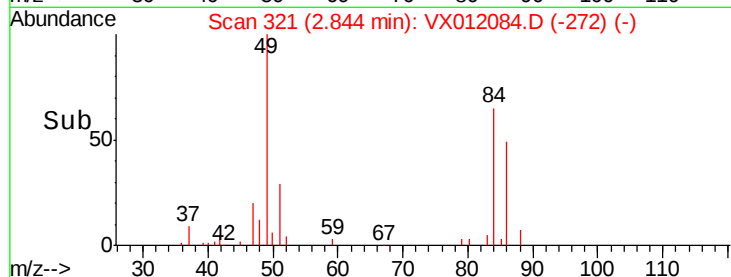
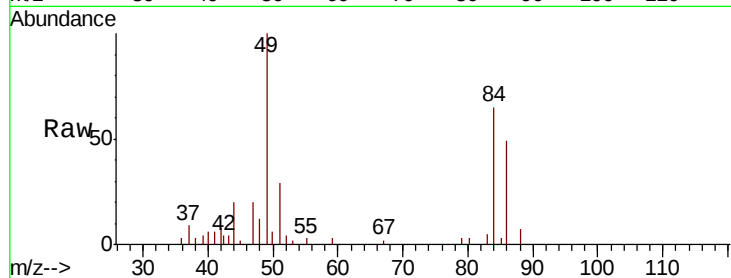
Ion Ratio Lower Upper

84 100

49 154.2 95.8 143.8#

51 44.0 28.6 43.0#

86 74.9 50.9 76.3



#25

2-Butanone

Concen: 3.075 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX012084.D

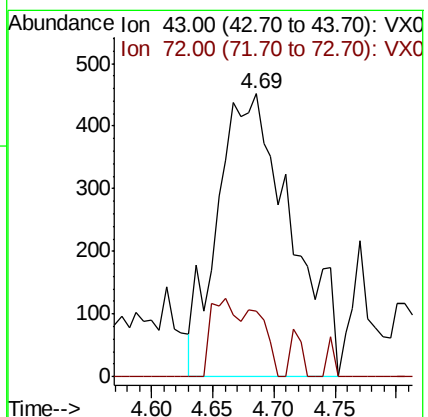
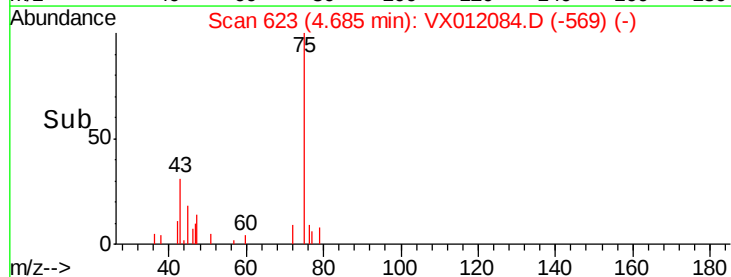
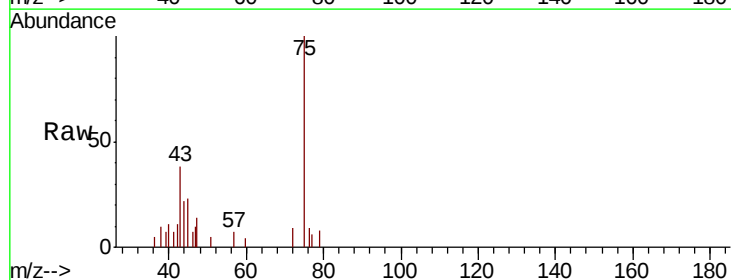
Acq: 05 Sep 2019 07:05

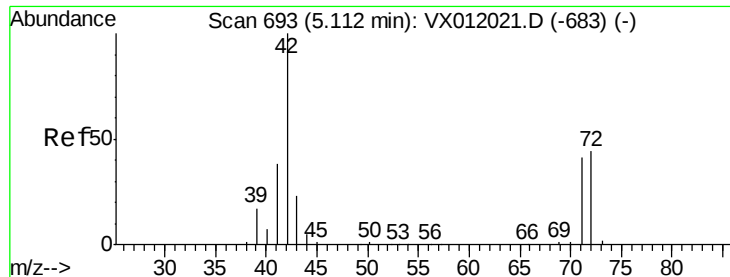
Tgt Ion: 43 Resp: 1891

Ion Ratio Lower Upper

43 100

72 23.0 21.3 31.9

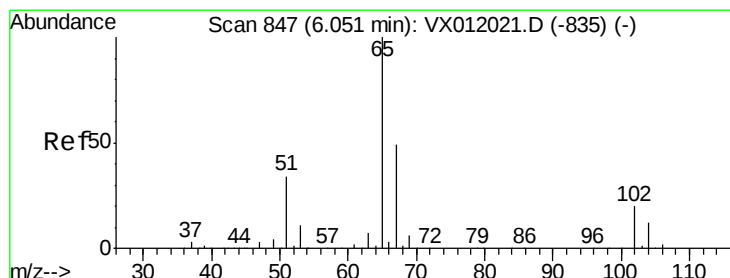
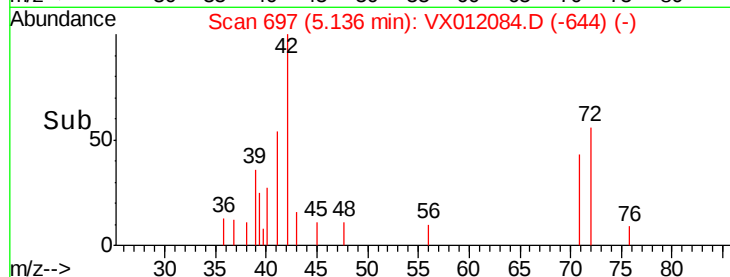
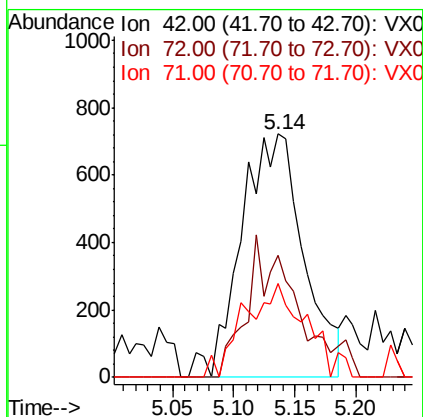
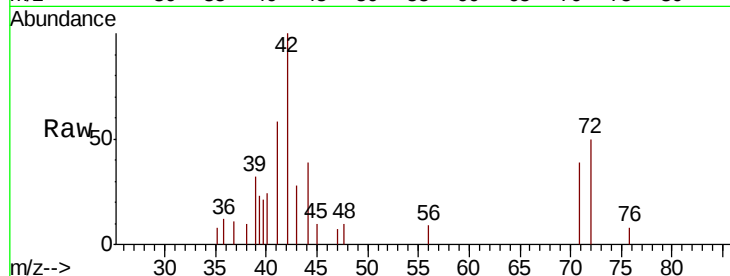




#29
Tetrahydrofuran
Concen: 6.925 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

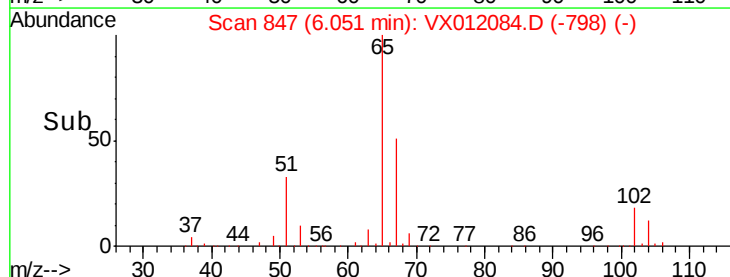
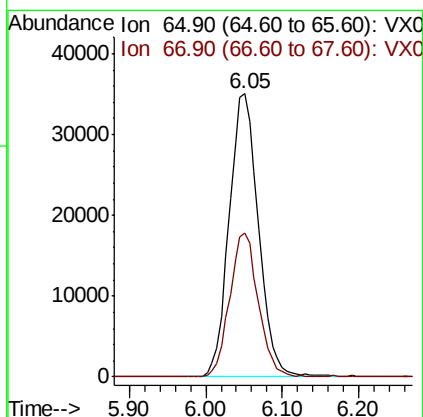
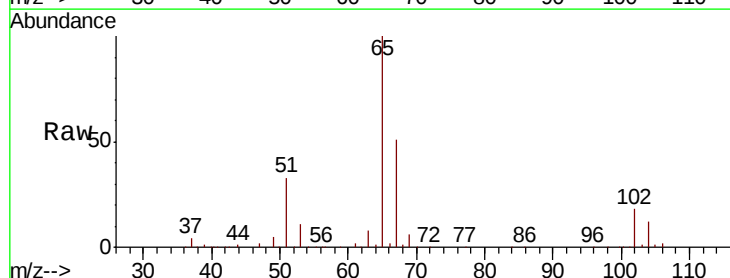
Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)

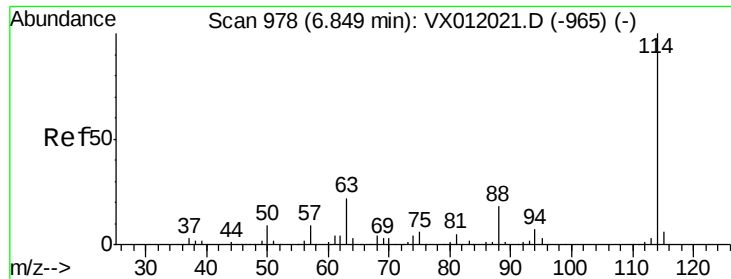
Tgt Ion: 42 Resp: 2566
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 26.3 33.8 50.8#



#33
1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

Tgt Ion: 65 Resp: 92961
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0

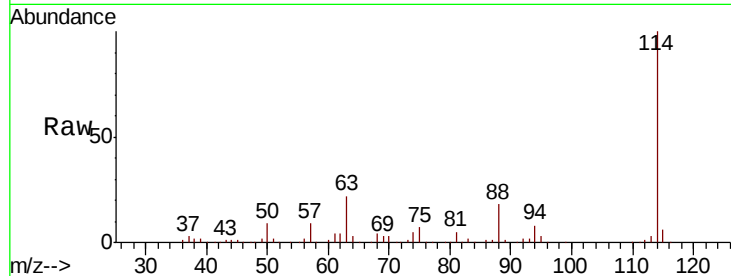




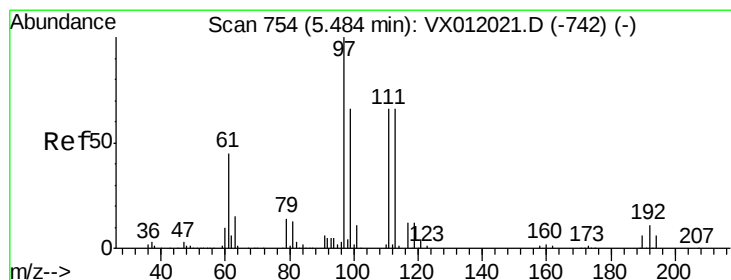
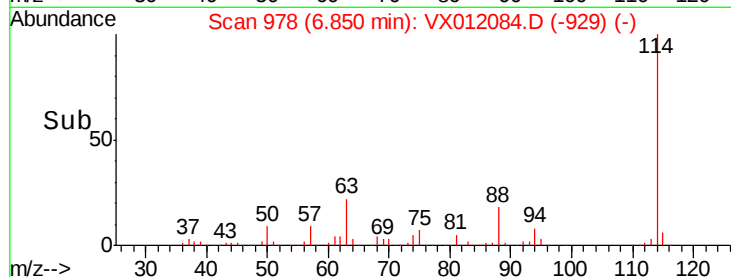
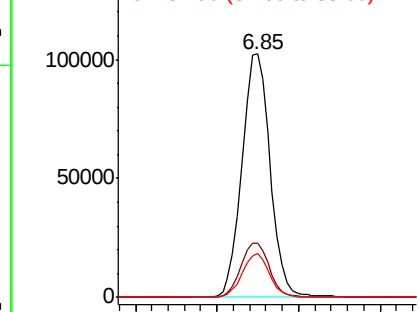
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)

Tgt Ion:114 Resp: 244555
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 37.4
 88 17.8 0.0 29.6

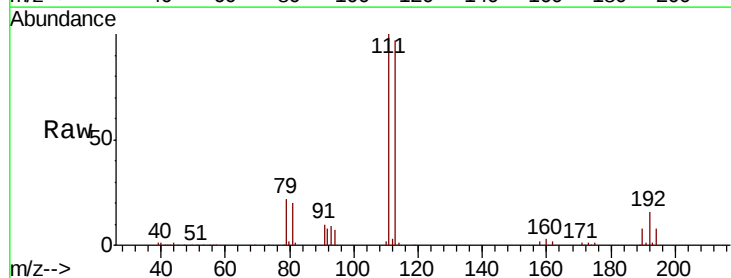


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

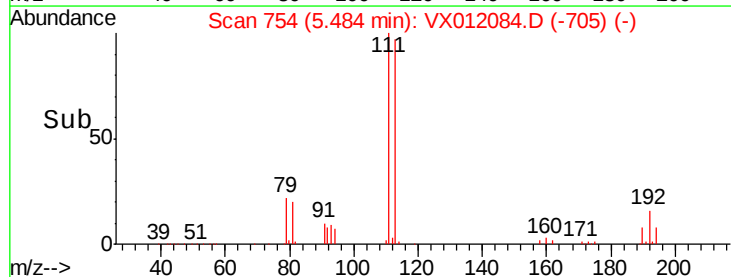
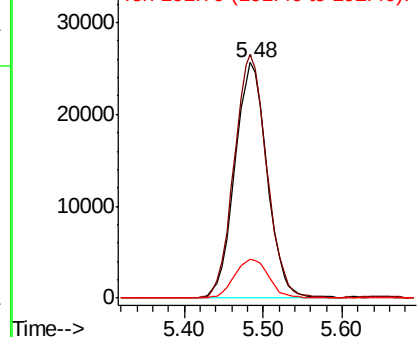


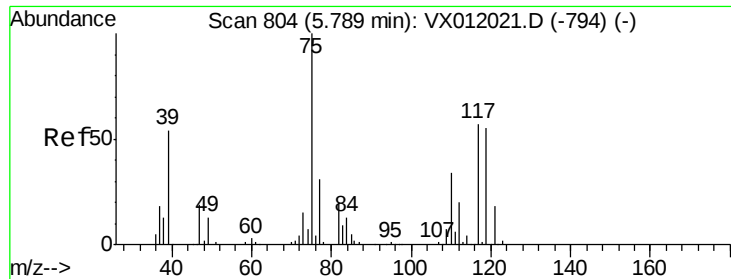
#35
 Dibromofluoromethane
 Concen: 48.546 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Tgt Ion:113 Resp: 73011
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 17.5 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

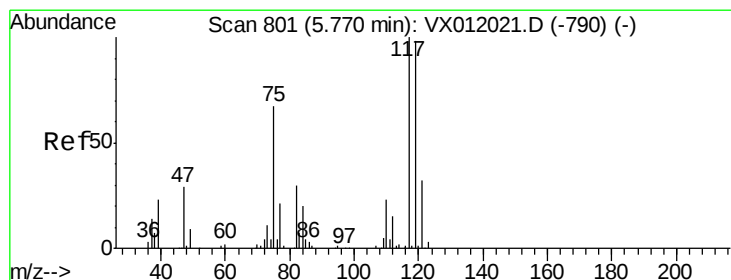
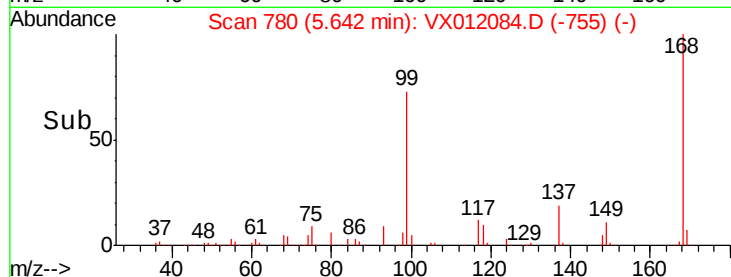
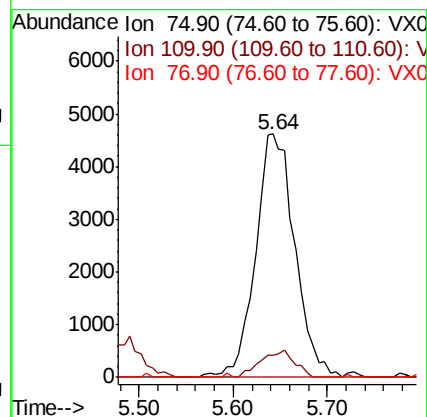
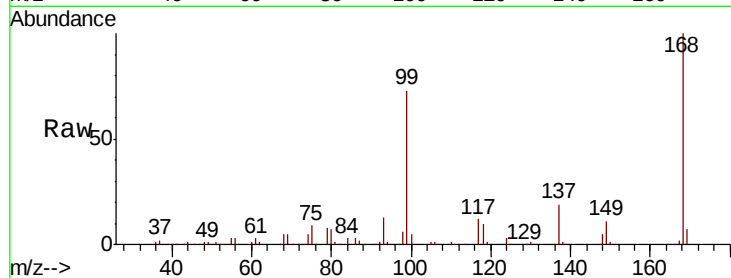




#36
 1,1-Dichloropropene
 Concen: 6.243 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

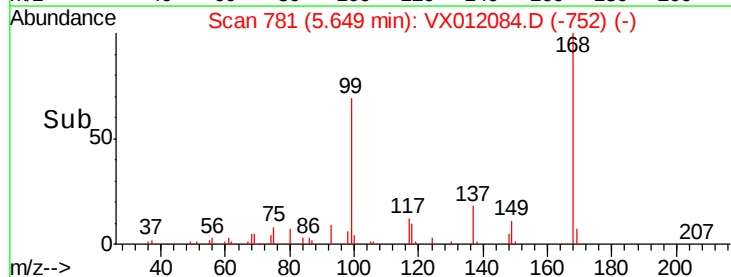
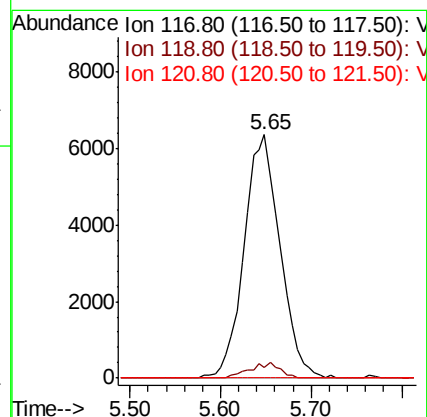
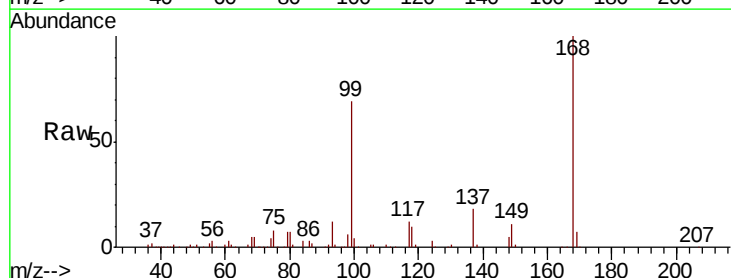
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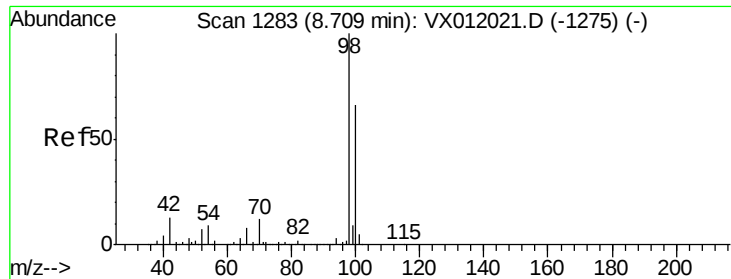
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 7.671 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	78.3	117.5#
121	0.0	24.2	36.2#

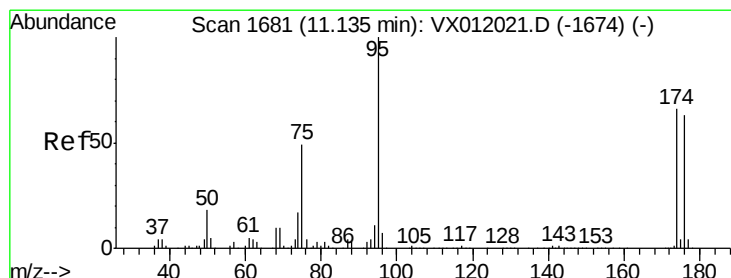
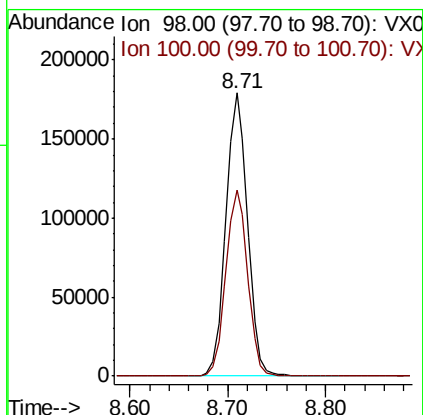
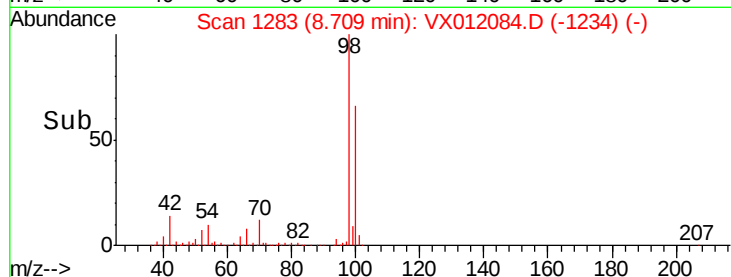
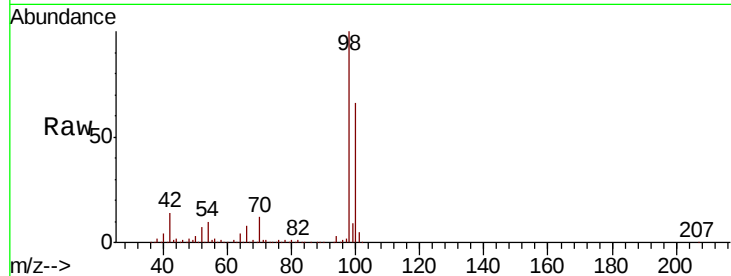




#50
Toluene-d8
Concen: 49.735 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

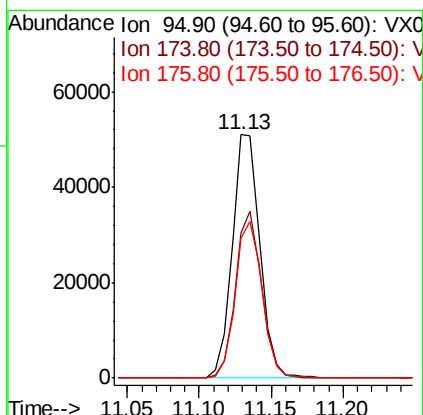
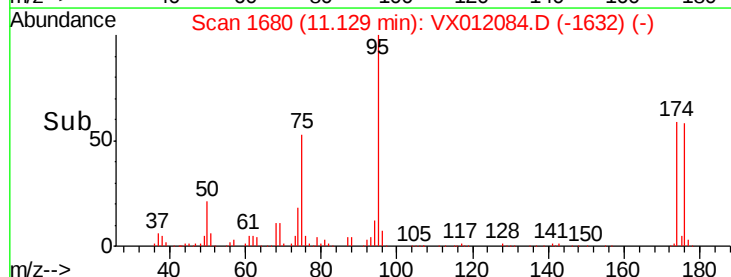
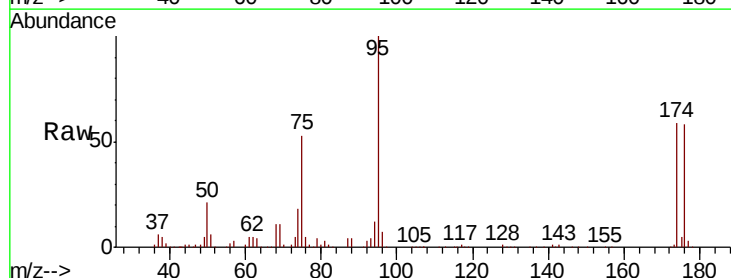
Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)

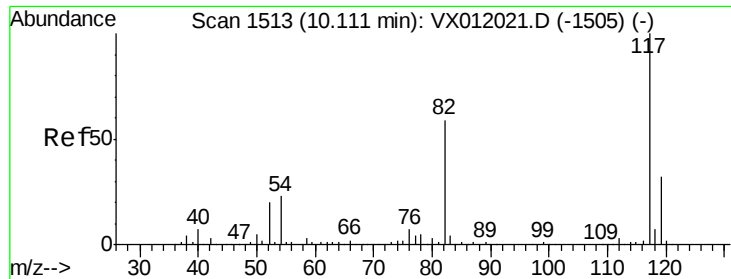
Tgt Ion: 98 Resp: 274478
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 26.833 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

Tgt Ion: 95 Resp: 68868
Ion Ratio Lower Upper
95 100
174 64.5 0.0 205.4
176 62.4 0.0 201.8

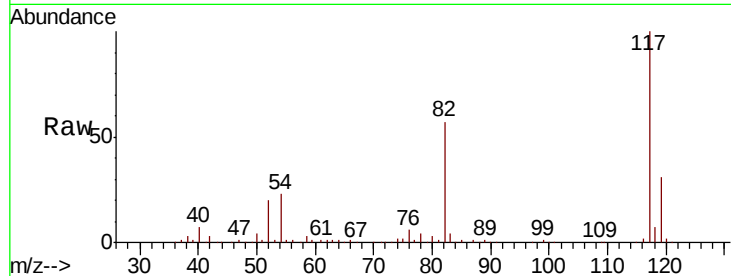




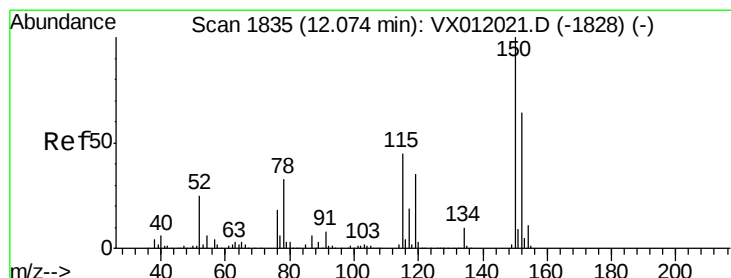
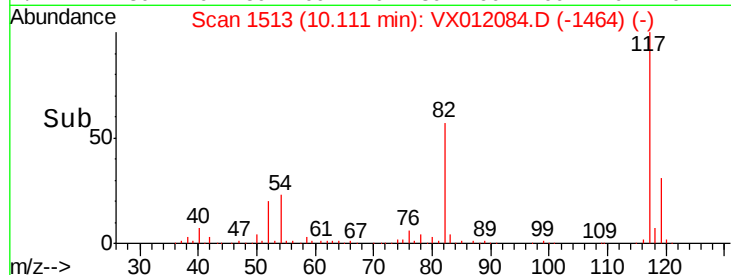
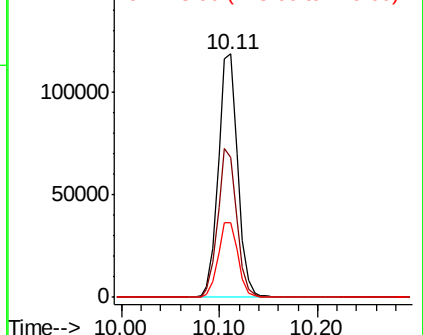
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)

Tgt Ion:117 Resp: 163520
Ion Ratio Lower Upper
117 100
82 57.4 39.4 59.0
119 30.9 26.1 39.1

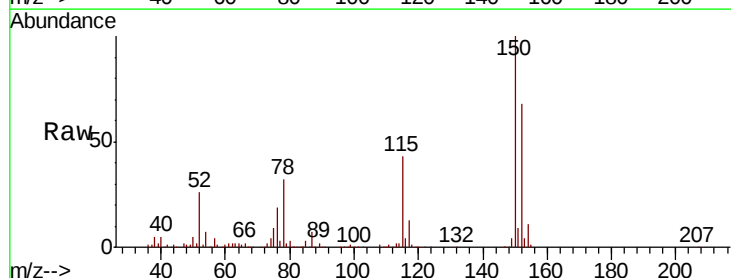


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

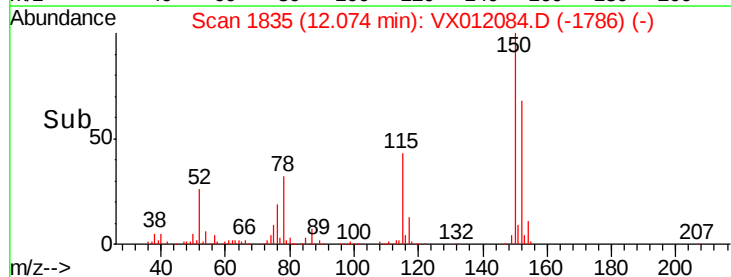
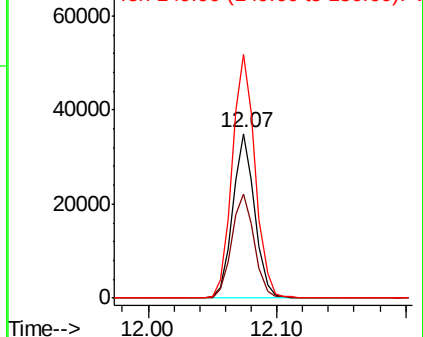


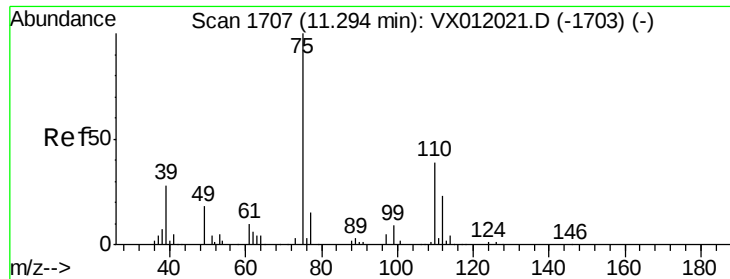
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

Tgt Ion:152 Resp: 41524
Ion Ratio Lower Upper
152 100
115 65.8 36.4 109.3
150 155.3 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

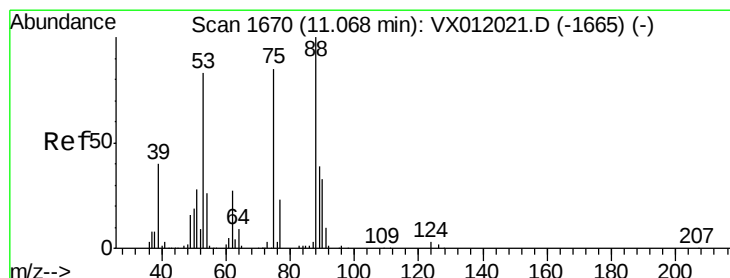
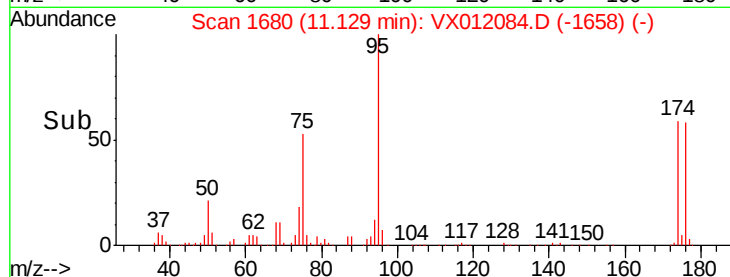
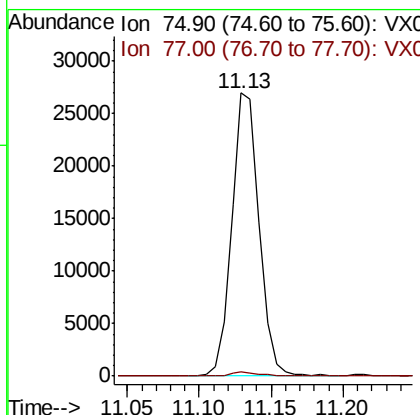
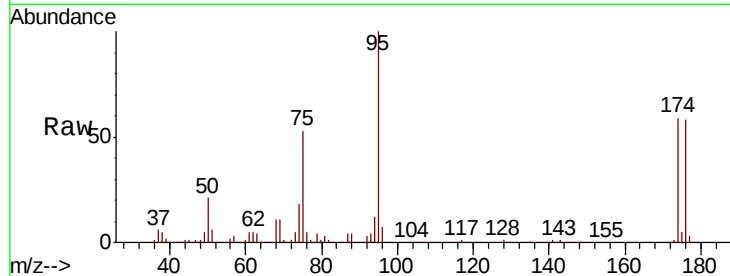




#76
 1,2,3-Trichloropropane
 Concen: 70.721 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)

Tgt Ion: 75 Resp: 35881
 Ion Ratio Lower Upper
 75 100
 77 1.5 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.195 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Tgt Ion: 75 Resp: 35881
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.6 117.8#
 89 0.0 38.8 58.2#

