

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012213.D
 Acq On : 08 Sep 2019 10:38
 Operator : SY/SP
 Sample : VX0908SBL01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBL01

Quant Time: Sep 09 01:46:56 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	153273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	101504	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	5.48	113	76781	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	309312	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	11.13	95	124967	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	

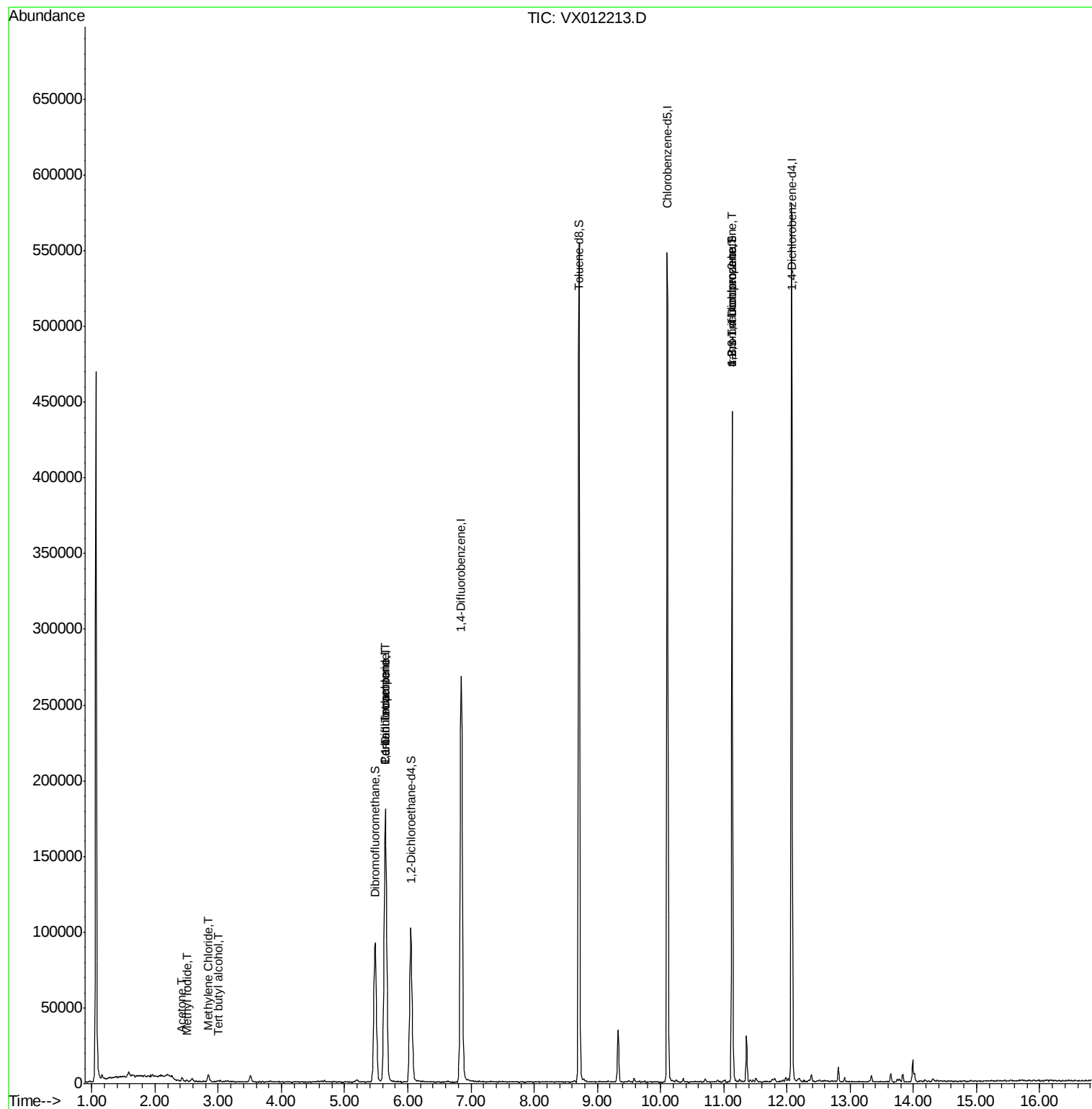
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	455	7.235	ug/l #	91
11) Tert butyl alcohol	3.01	59	654	3.220	ug/l #	94
13) Acrolein	2.28	56	481	Below Cal	#	52
16) Acetone	2.43	43	3143	6.218	ug/l	97
20) Methylene Chloride	2.84	84	2412	1.188	ug/l #	92
36) 1,1-Dichloropropene	5.65	75	14332	6.225	ug/l #	40
38) Carbon Tetrachloride	5.64	117	17775	7.327	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	66296	51.059	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	66296	120.711	ug/l #	10

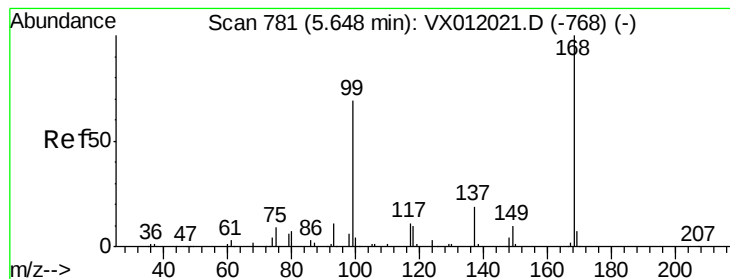
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
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Instrument :
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ClientSampleId :
VX0908SBL01

Quant Time: Sep 09 01:46:56 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: VX012213.D

Acq: 08 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

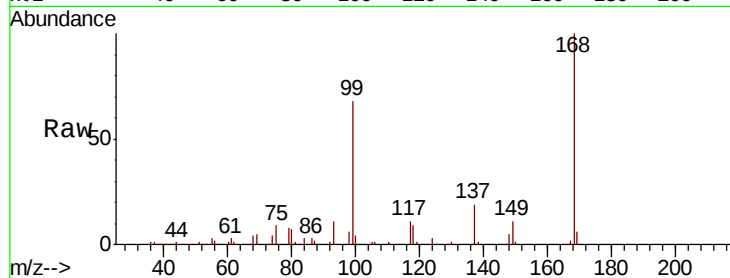
VX0908SBL01

Tgt Ion:168 Resp: 153273

Ion Ratio Lower Upper

168 100

99 68.3 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

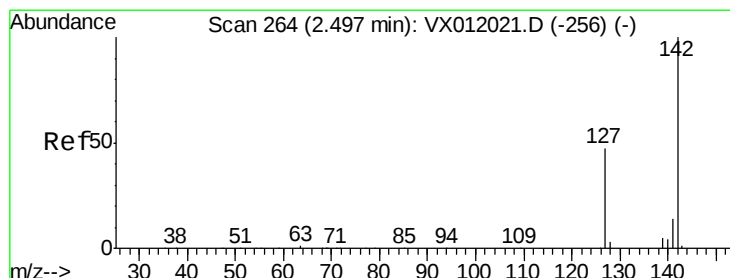
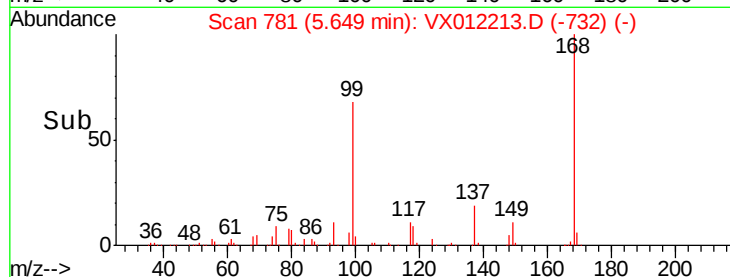
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.235 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012213.D

Acq: 08 Sep 2019 10:38

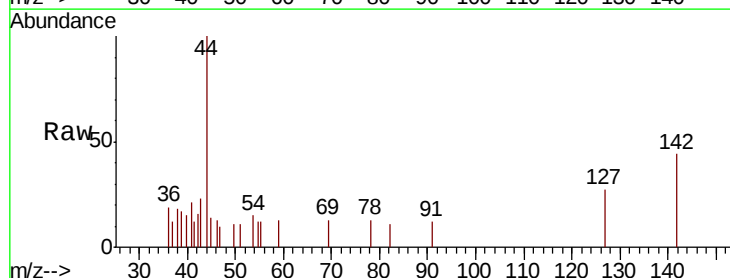
Tgt Ion:142 Resp: 455

Ion Ratio Lower Upper

142 100

127 44.6 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

250

200

150

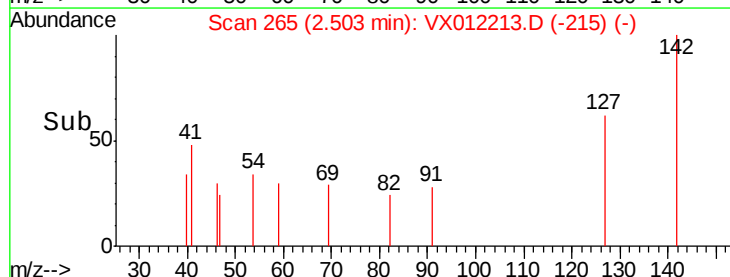
100

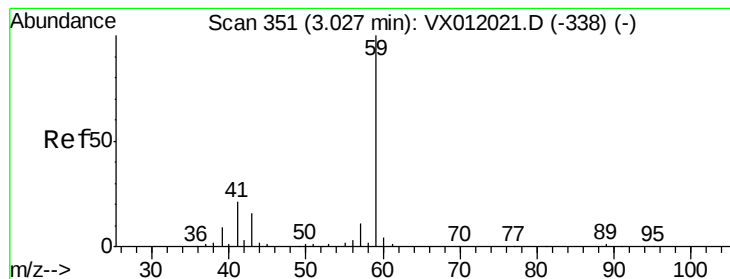
50

0

Time-->

2.45 2.50 2.55



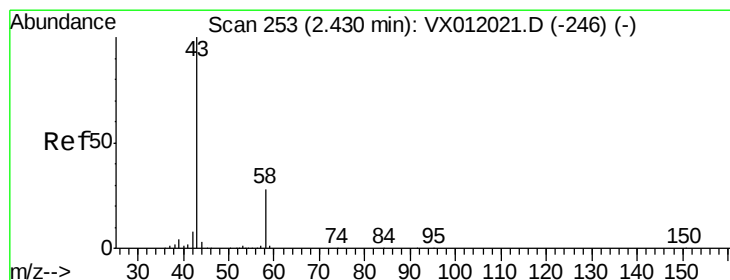
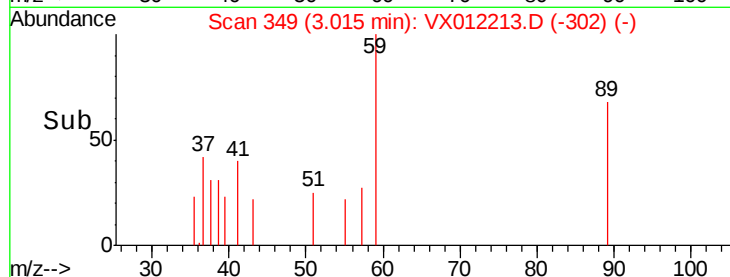
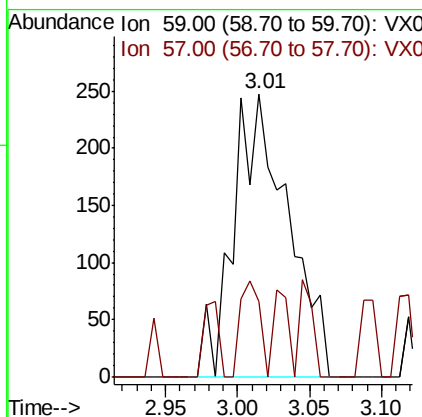
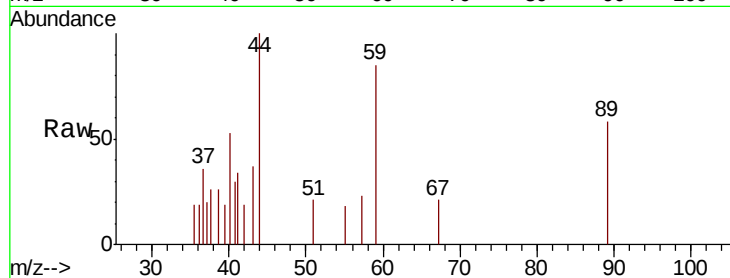


#11

Tert butyl alcohol
 Concen: 3.220 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX012213.D
 Acq: 08 Sep 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBL01

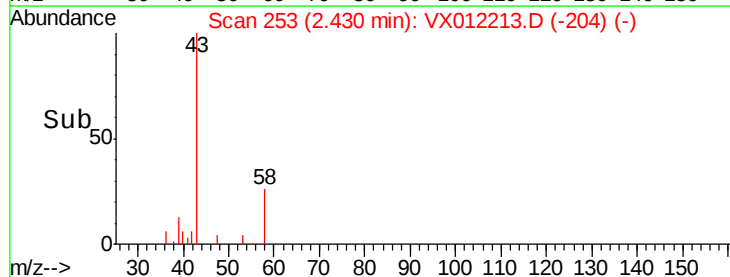
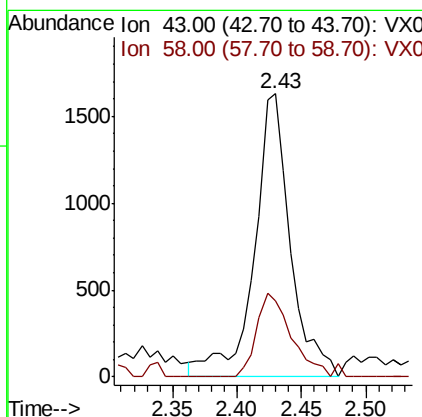
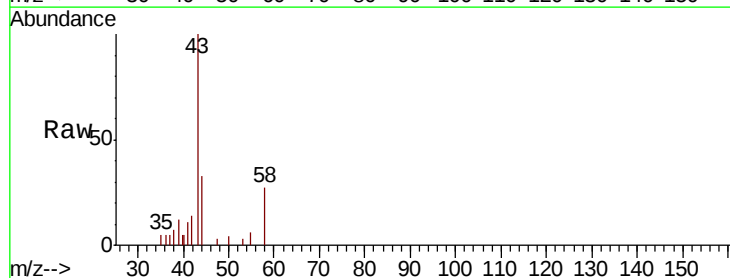
Tgt Ion: 59 Resp: 654
 Ion Ratio Lower Upper
 59 100
 57 12.2 7.9 11.9#

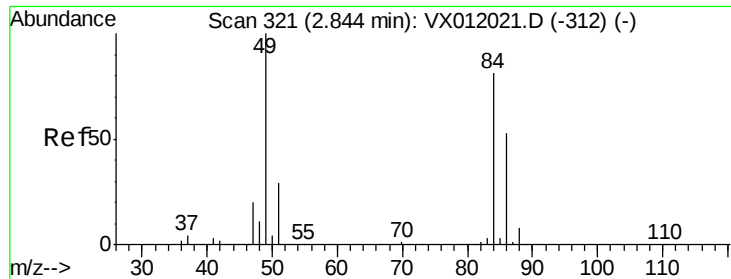


#16

Acetone
 Concen: 6.218 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012213.D
 Acq: 08 Sep 2019 10:38

Tgt Ion: 43 Resp: 3143
 Ion Ratio Lower Upper
 43 100
 58 27.0 22.8 34.2



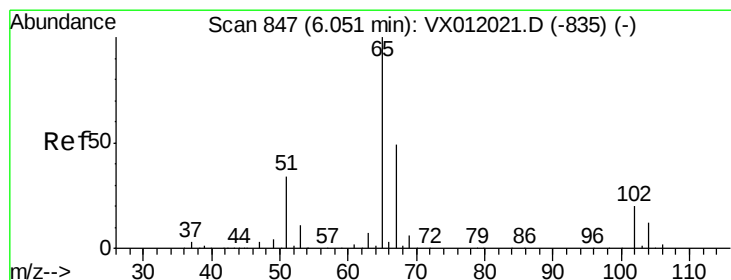
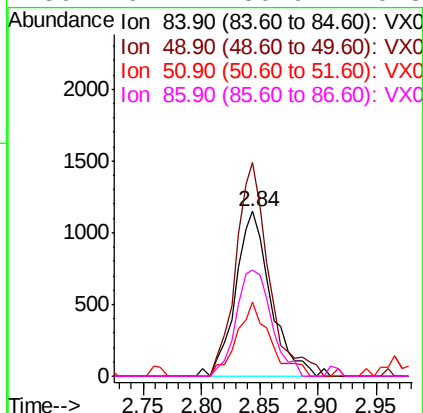
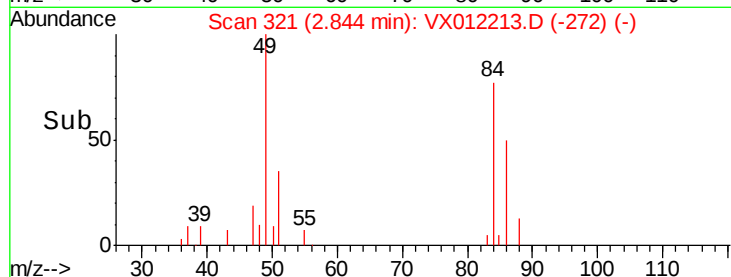
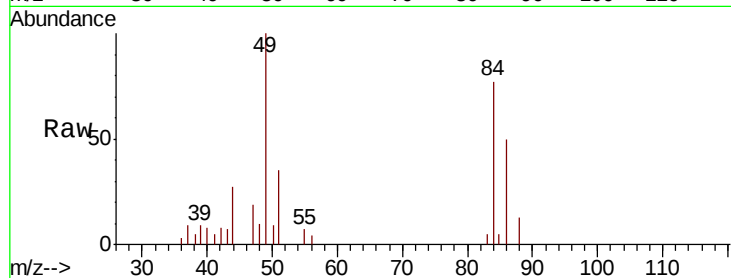


#20
Methylene Chloride
Concen: 1.188 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012213.D
Acq: 08 Sep 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBL01

Tgt Ion: 84 Resp: 2412

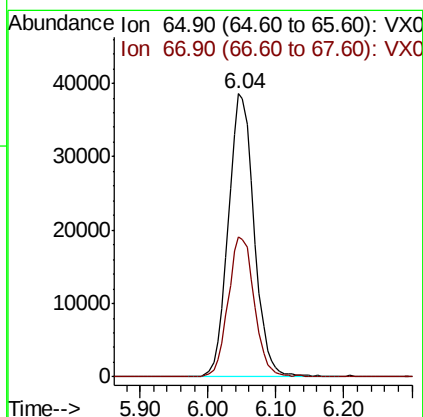
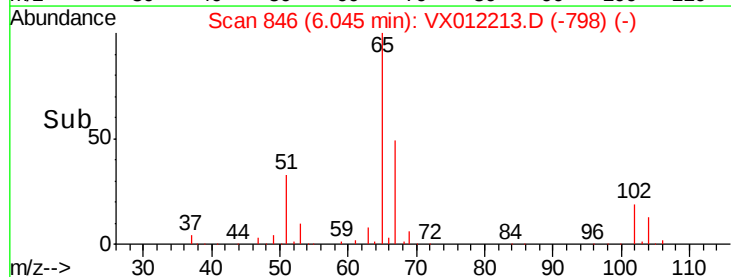
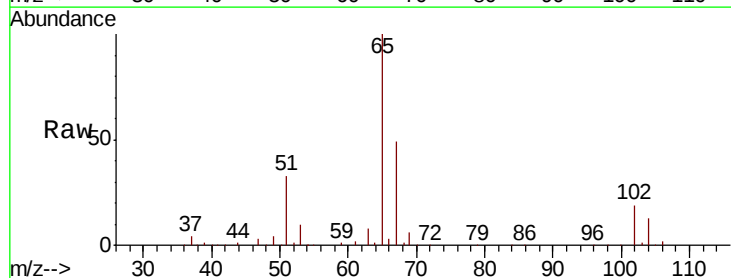
Ion	Ratio	Lower	Upper
84	100		
49	129.7	95.8	143.8
51	44.9	28.6	43.0#
86	64.4	50.9	76.3

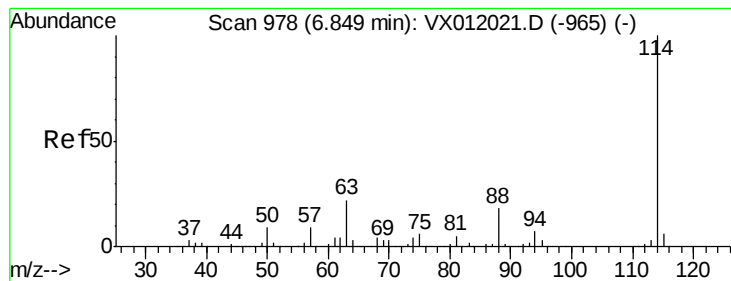


#33
1,2-Dichloroethane-d4
Concen: 47.996 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012213.D
Acq: 08 Sep 2019 10:38

Tgt Ion: 65 Resp: 101504

Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VX012213.D

Acq: 08 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

VX0908SBL01

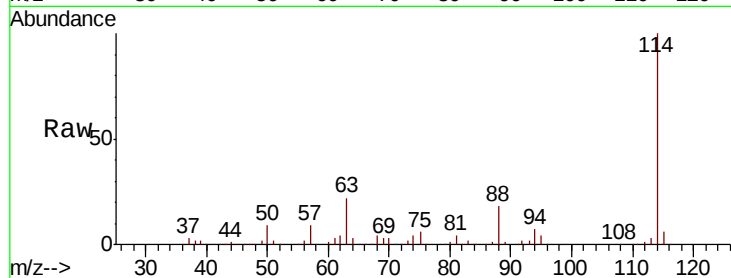
Tgt Ion:114 Resp: 261392

Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.4

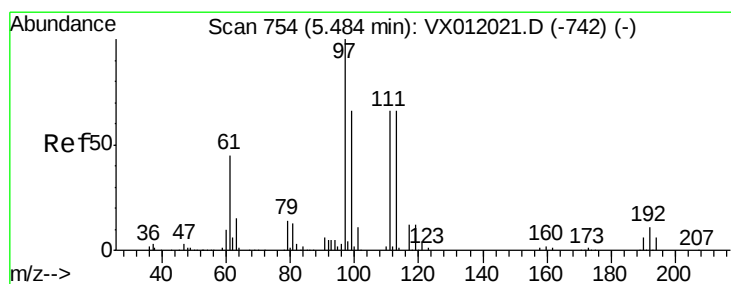
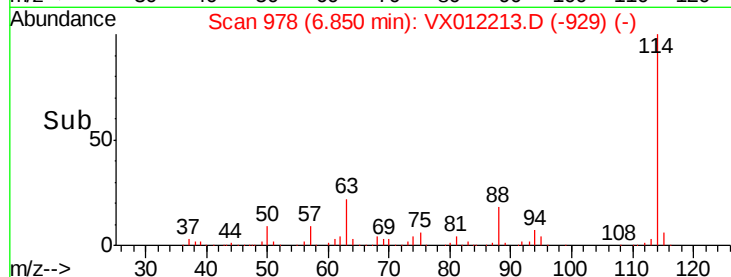
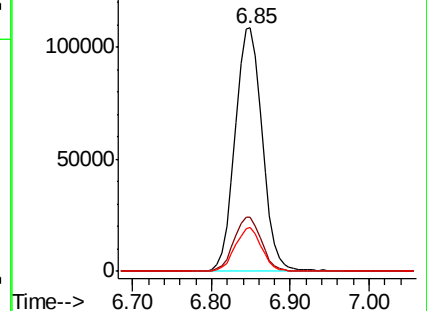
88 17.9 0.0 29.6



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: 47.765 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012213.D

Acq: 08 Sep 2019 10:38

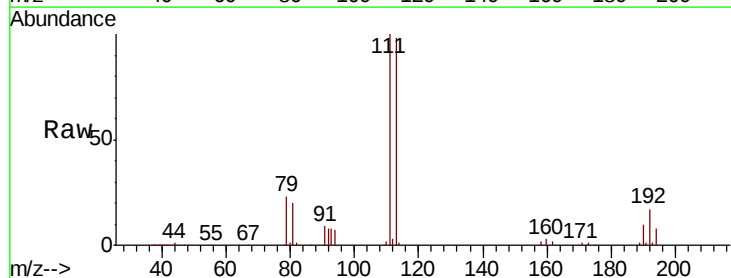
Tgt Ion:113 Resp: 76781

Ion Ratio Lower Upper

113 100

111 104.5 81.7 122.5

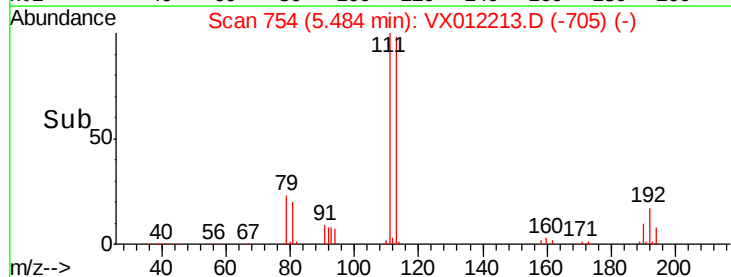
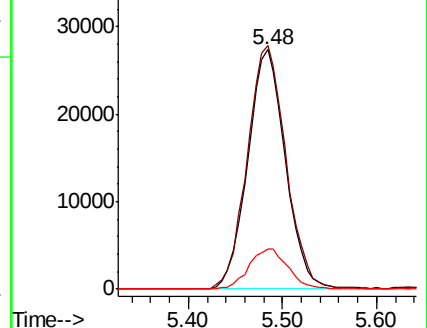
192 17.4 22.5 33.7#

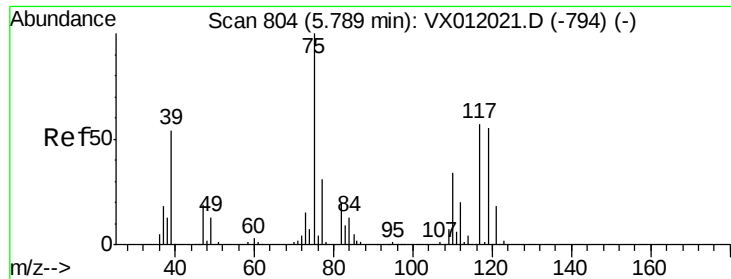


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

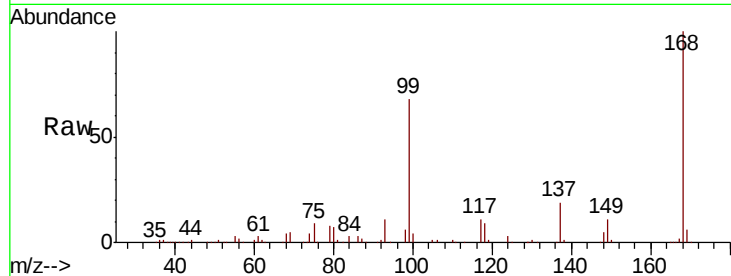




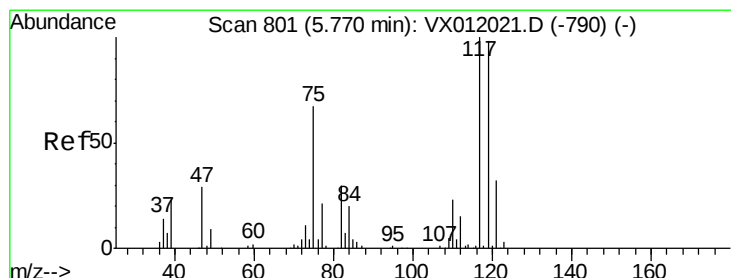
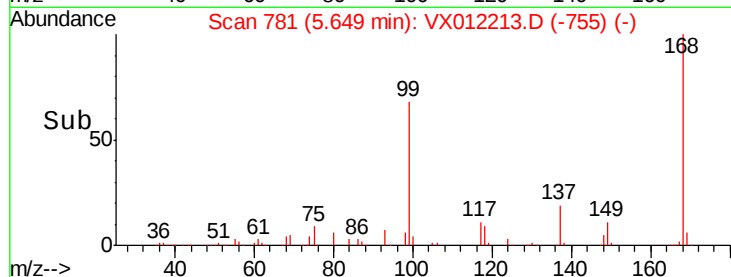
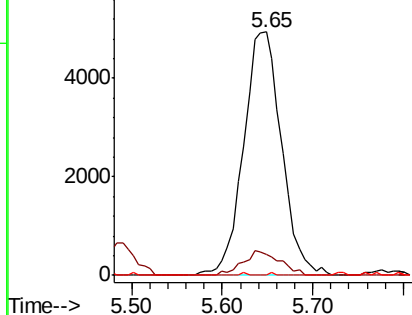
#36
 1,1-Dichloropropene
 Concen: 6.225 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012213.D
 Acq: 08 Sep 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBL01

Tgt Ion: 75 Resp: 14332
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.5 58.5#
 77 0.1 24.6 37.0#

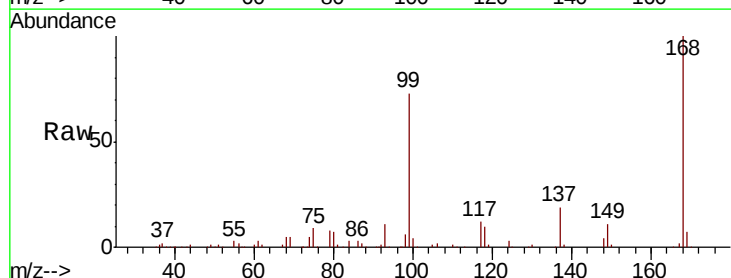


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

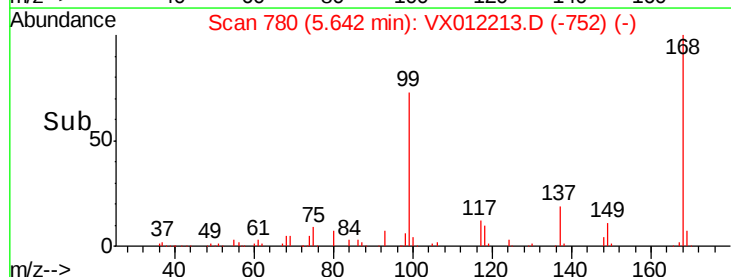
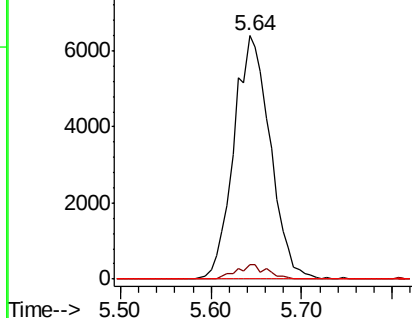


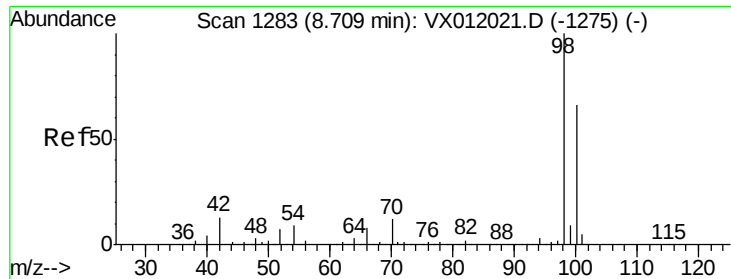
#38
 Carbon Tetrachloride
 Concen: 7.327 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012213.D
 Acq: 08 Sep 2019 10:38

Tgt Ion: 117 Resp: 17775
 Ion Ratio Lower Upper
 117 100
 119 5.9 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: 52.437 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012213.D

Acq: 08 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

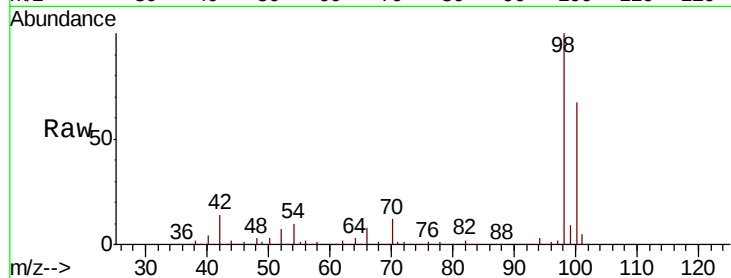
VX0908SBL01

Tgt Ion: 98 Resp: 309312

Ion Ratio Lower Upper

98 100

100 67.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

150000

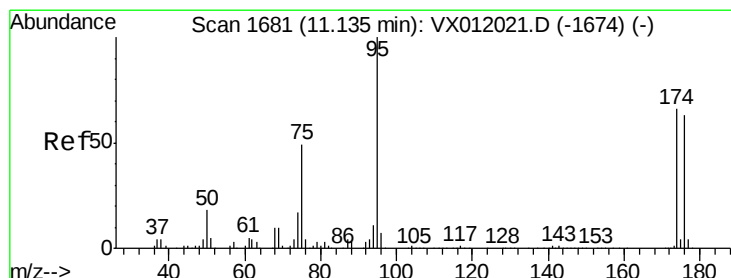
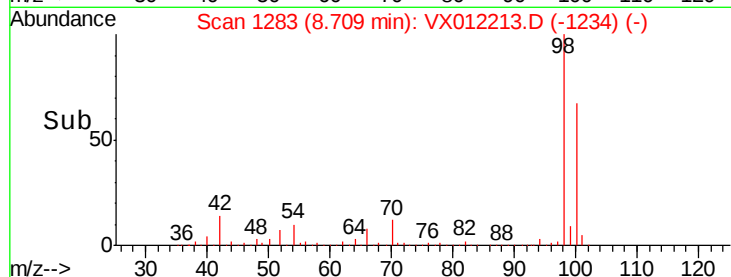
100000

50000

0

Time-->

8.60 8.70 8.80 8.90 9.00



#62

4-Bromofluorobenzene

Concen: 45.554 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012213.D

Acq: 08 Sep 2019 10:38

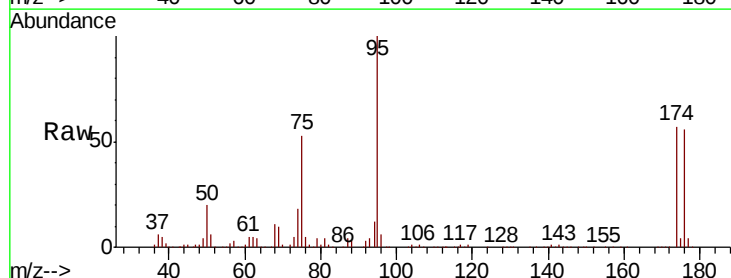
Tgt Ion: 95 Resp: 124967

Ion Ratio Lower Upper

95 100

174 65.7 0.0 205.4

176 62.4 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

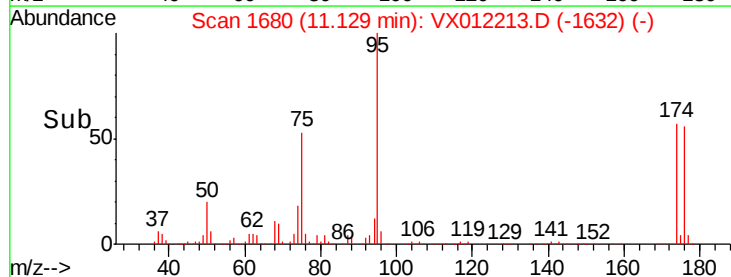
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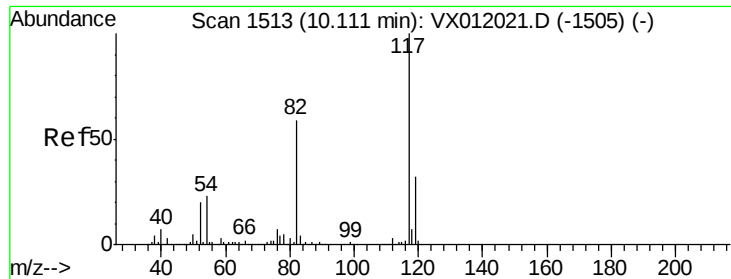
20000

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Time-->

11.10 11.20

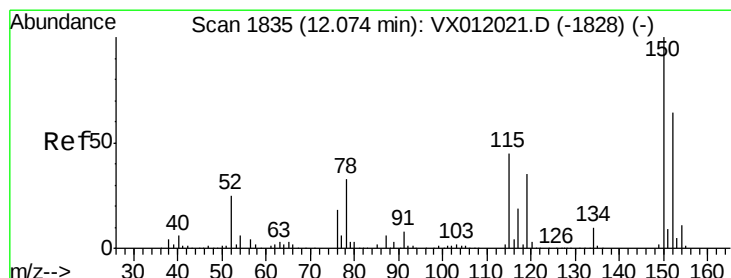
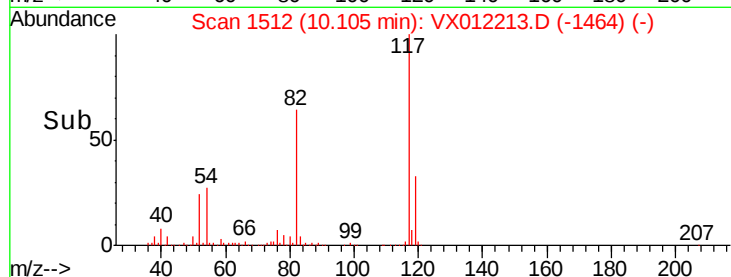
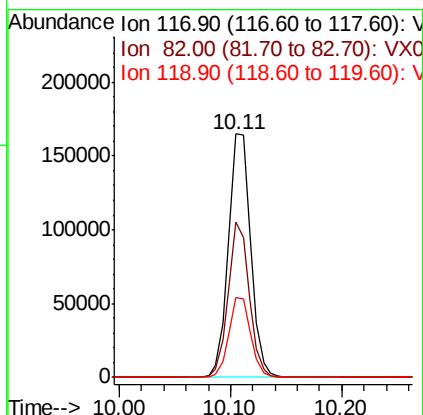
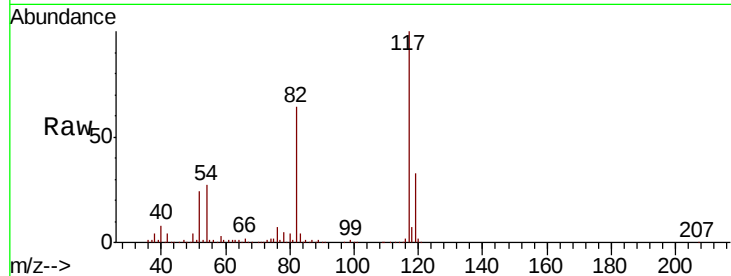




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012213.D
Acq: 08 Sep 2019 10:38

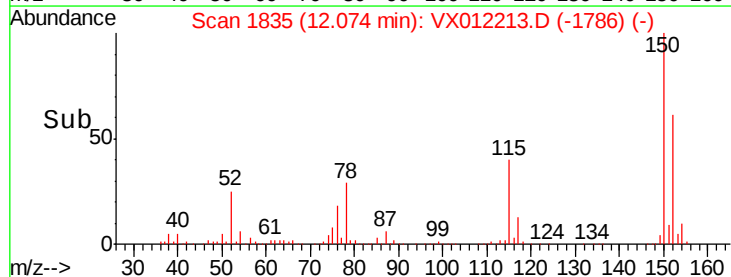
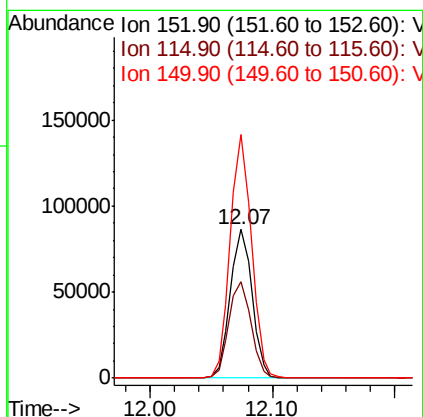
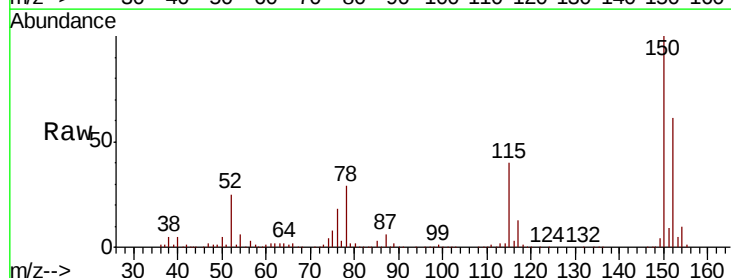
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBL01

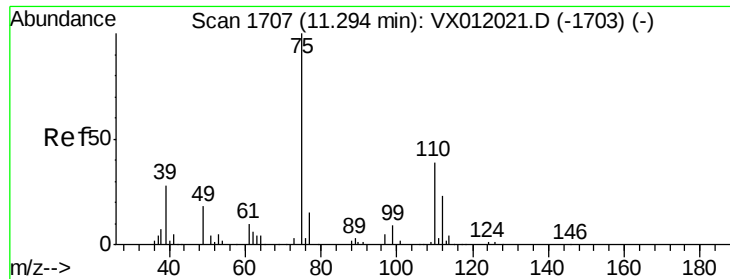
Tgt Ion:117 Resp: 229586
Ion Ratio Lower Upper
117 100
82 63.9 39.4 59.0#
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012213.D
Acq: 08 Sep 2019 10:38

Tgt Ion:152 Resp: 106267
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 159.9 0.0 341.2





#76

1,2,3-Trichloropropane

Concen: 51.059 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012213.D

Acq: 08 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

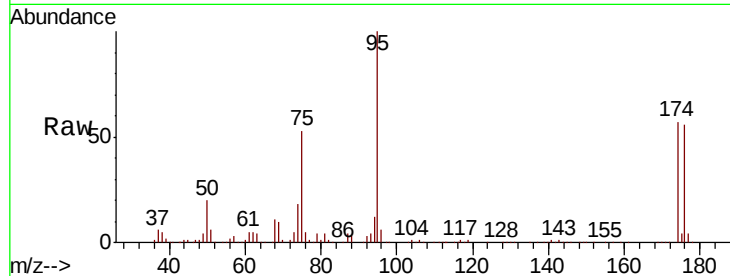
VX0908SBL01

Tgt Ion: 75 Resp: 66296

Ion Ratio Lower Upper

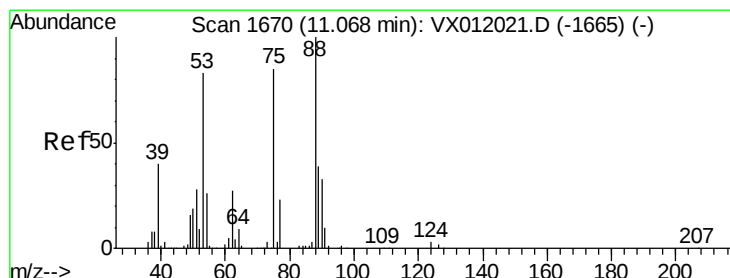
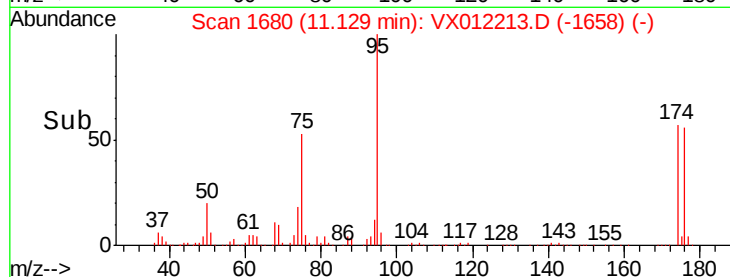
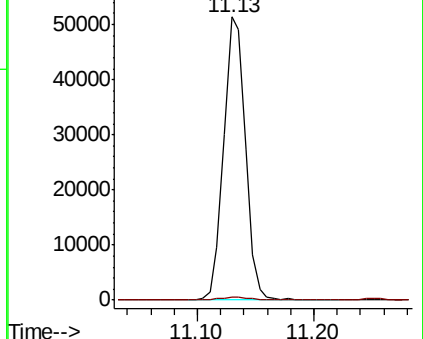
75 100

77 1.3 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: 120.711 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012213.D

Acq: 08 Sep 2019 10:38

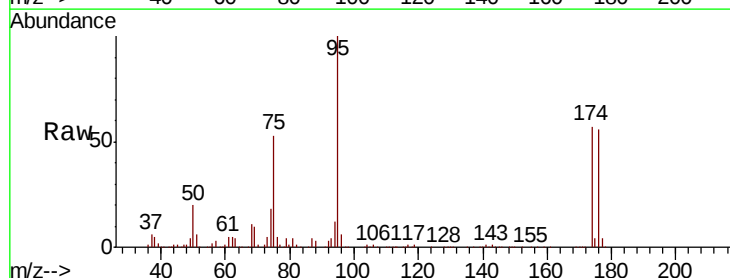
Tgt Ion: 75 Resp: 66296

Ion Ratio Lower Upper

75 100

53 0.1 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

