

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011982.D
 Acq On : 01 Sep 2019 06:49
 Operator : SY/SP
 Sample : K4527-08
 Misc : 2.41g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N3-(0)

Quant Time: Sep 02 01:26:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	436194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	562790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	183532	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	176259	42.18	ug/l	0.00
Spiked Amount						
			Recovery	=	84.36%	
35) Dibromofluoromethane	5.48	113	162972	45.16	ug/l	0.00
Spiked Amount						
			Recovery	=	90.32%	
50) Toluene-d8	8.71	98	625684	48.50	ug/l	0.00
Spiked Amount						
			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.14	95	192794	34.07	ug/l	0.00
Spiked Amount						
			Recovery	=	68.14%	

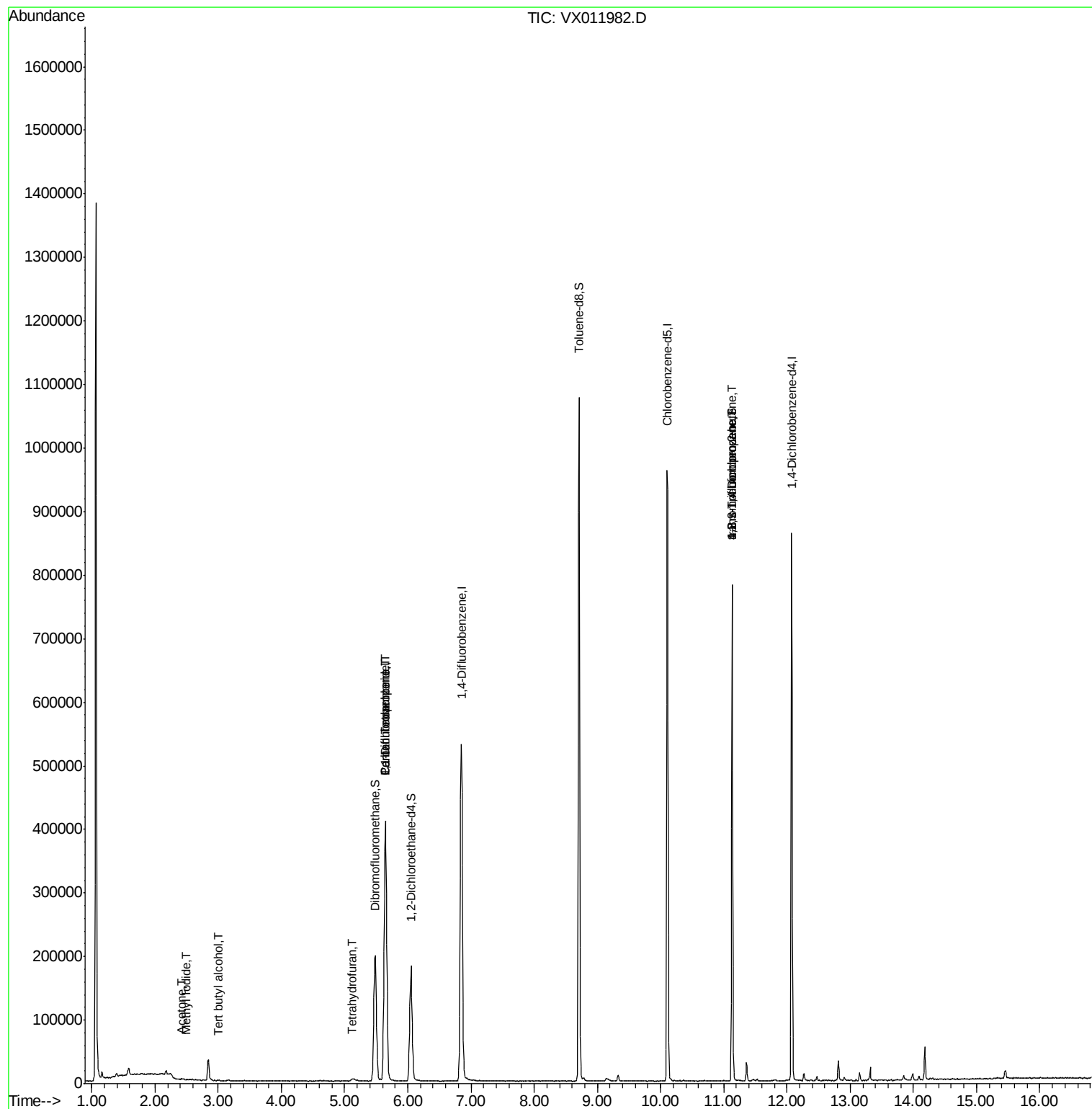
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	73	3.695	ug/l #	22
11) Tert butyl alcohol	3.01	59	964	2.398	ug/l #	1
16) Acetone	2.42	43	2418	2.689	ug/l	100
20) Methylene Chloride	2.84	84	16630	Below Cal		95
29) Tetrahydrofuran	5.12	42	3563	4.359	ug/l #	76
36) 1,1-Dichloropropene	5.64	75	26022	5.836	ug/l #	51
38) Carbon Tetrachloride	5.65	117	37367	7.226	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	96627	53.521	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	96627	134.454	ug/l #	11

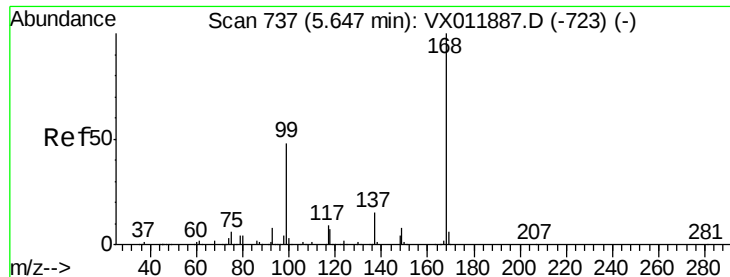
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 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: VX011982.D

Acq: 01 Sep 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

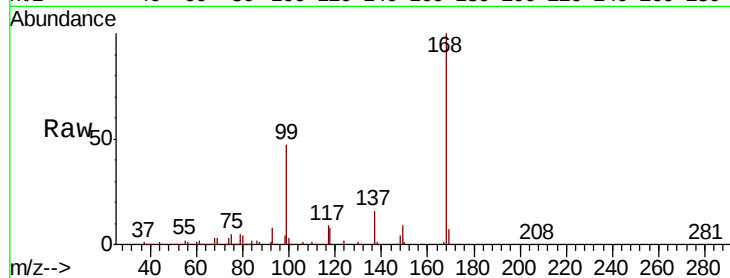
T9-12-13-N3-(0)

Tgt Ion:168 Resp: 436194

Ion Ratio Lower Upper

168 100

99 46.7 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

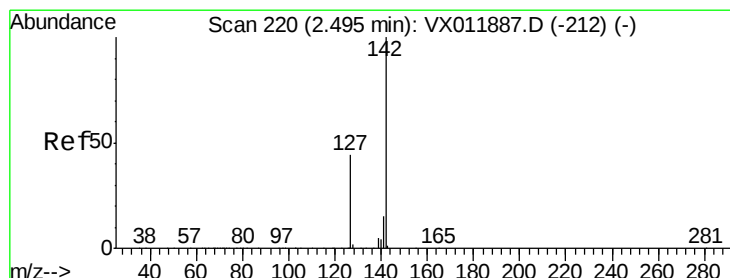
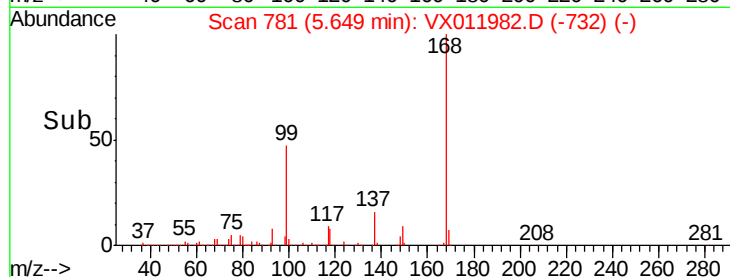
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.695 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

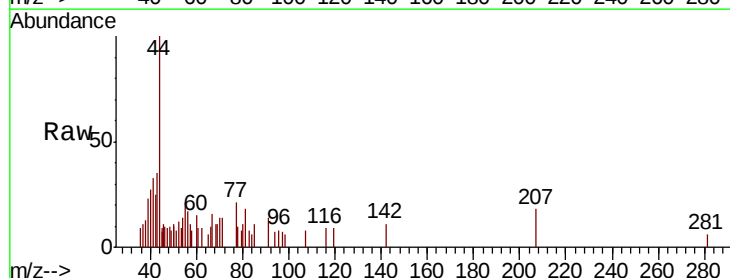
Tgt Ion:142 Resp: 73

Ion Ratio Lower Upper

142 100

127 0.0 35.7 53.5#

141 58.9 11.8 17.6#



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

2.50

120

100

80

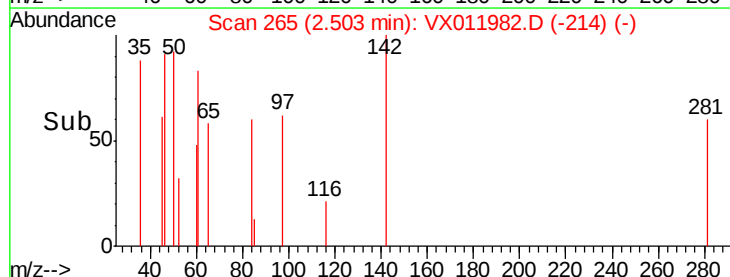
60

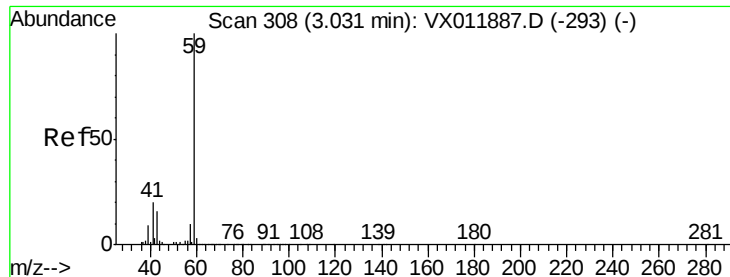
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20

0

Time-->

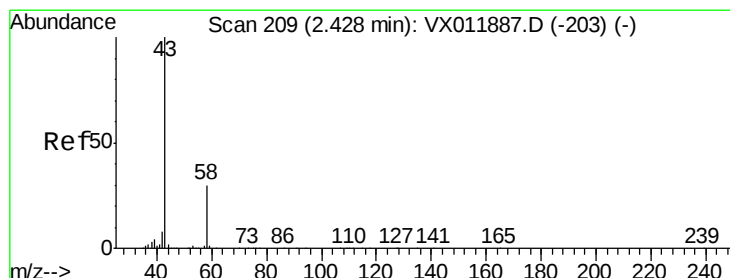
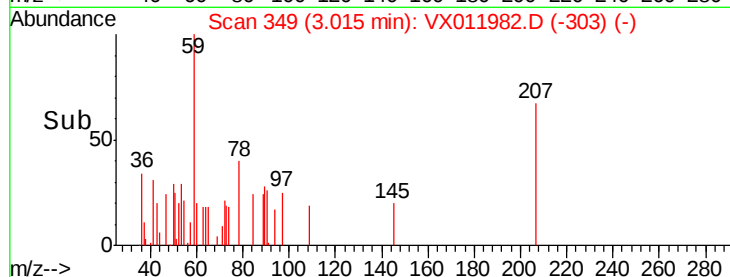
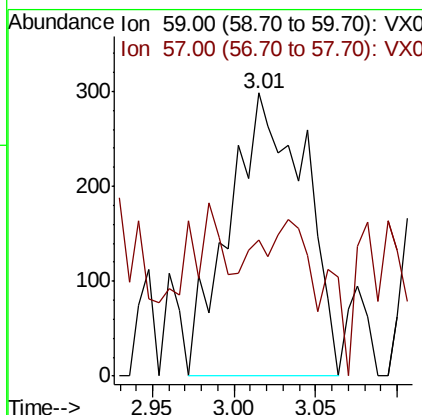
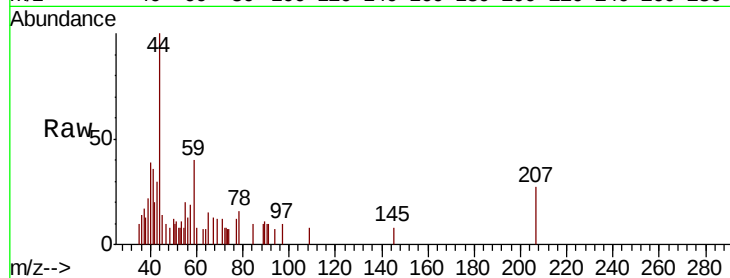




#11
Tert butyl alcohol
Concen: 2.398 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

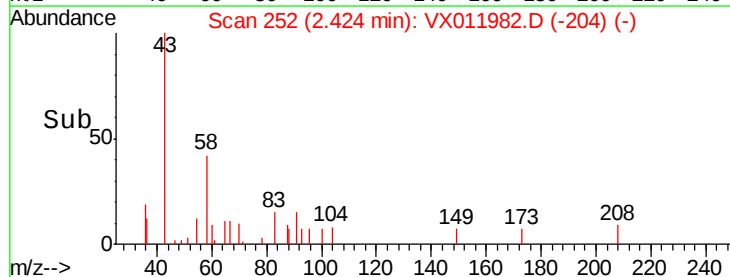
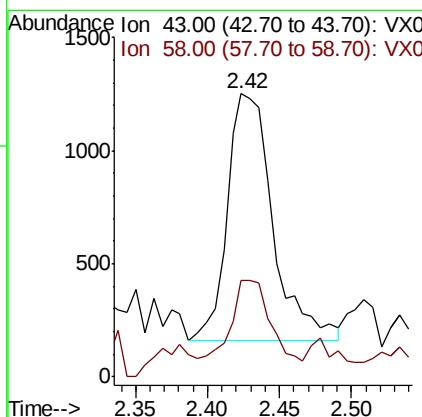
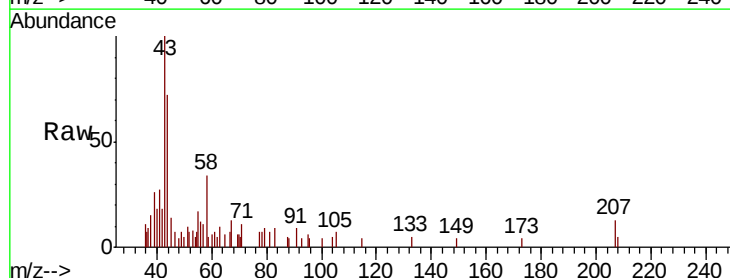
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N3-(0)

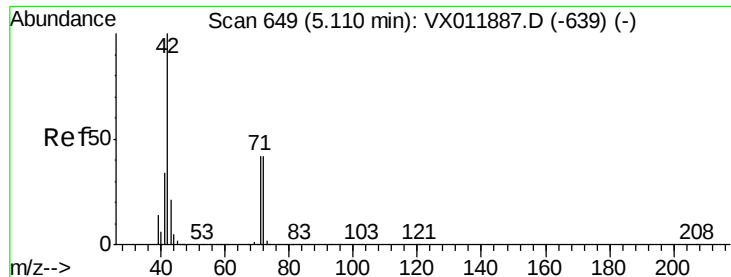
Tgt Ion: 59 Resp: 964
Ion Ratio Lower Upper
59 100
57 48.7 8.6 12.8#



#16
Acetone
Concen: 2.689 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

Tgt Ion: 43 Resp: 2418
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8

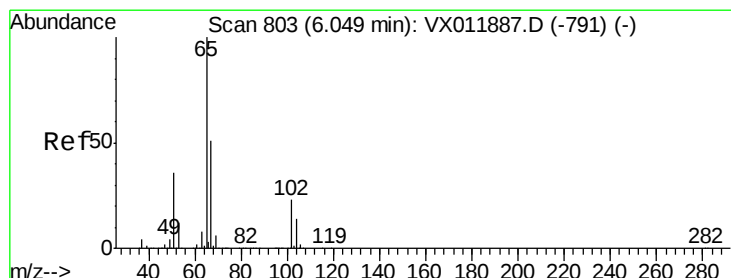
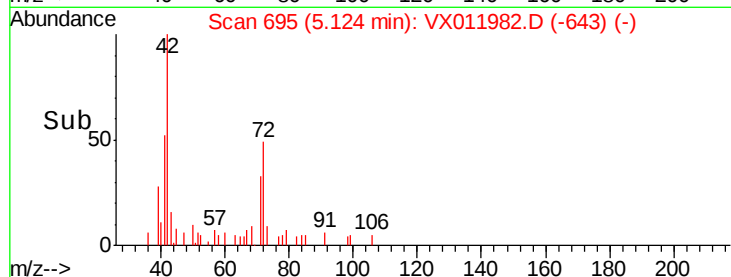
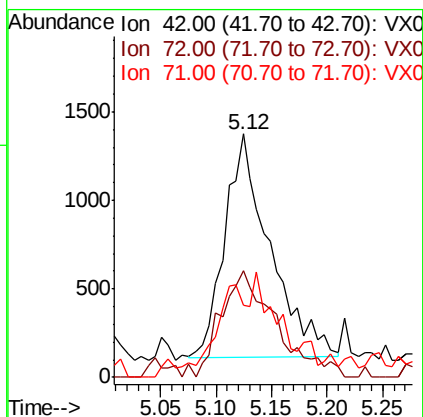
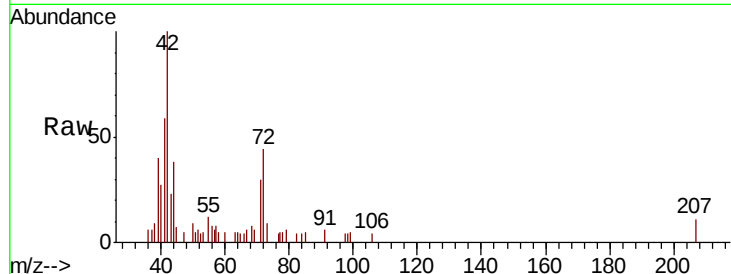




#29
Tetrahydrofuran
Concen: 4.359 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

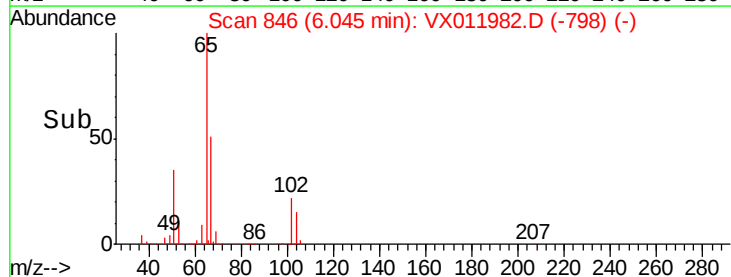
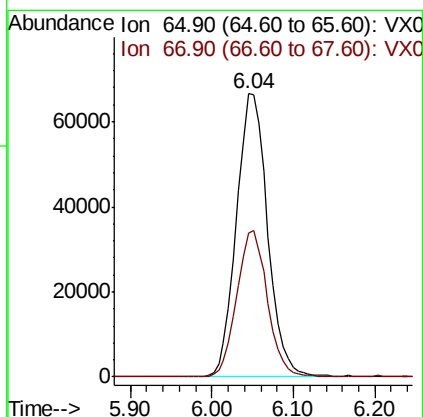
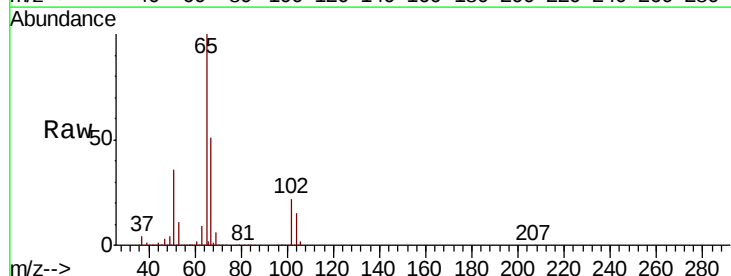
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N3-(0)

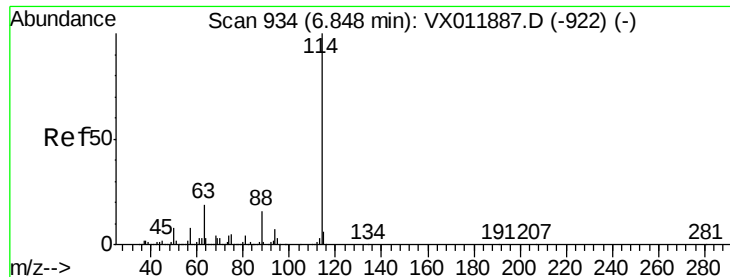
Tgt Ion: 42 Resp: 3563
Ion Ratio Lower Upper
42 100
72 58.5 36.2 54.4#
71 23.9 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 42.176 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

Tgt Ion: 65 Resp: 176259
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

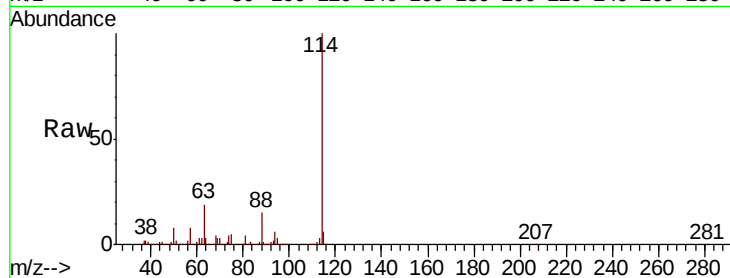




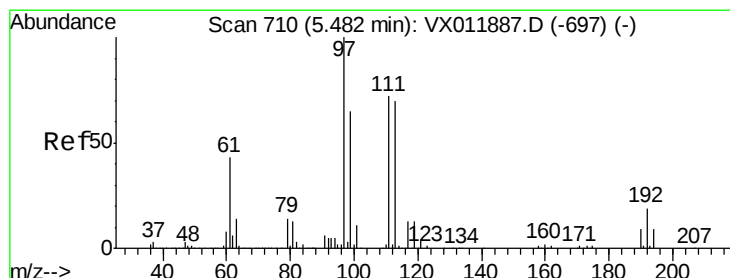
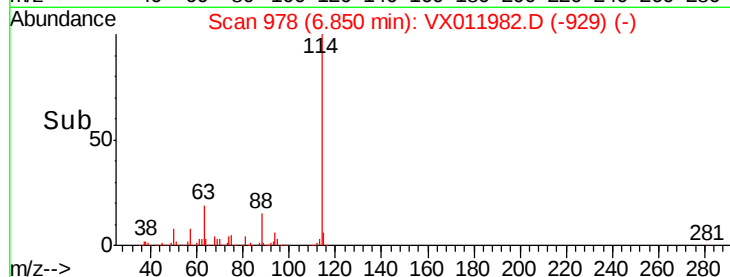
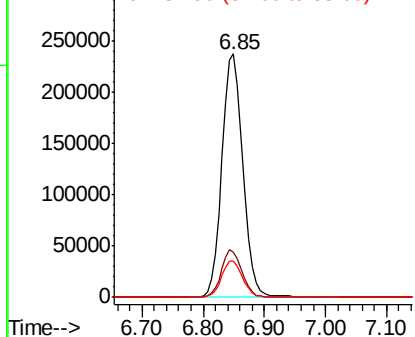
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011982.D
 Acq: 01 Sep 2019 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N3-(0)

Tgt Ion:114 Resp: 562790
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 15.1 0.0 31.2

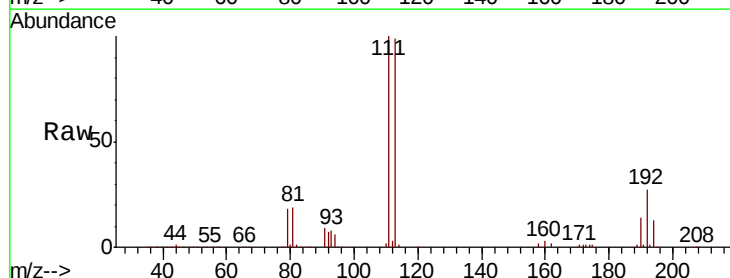


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

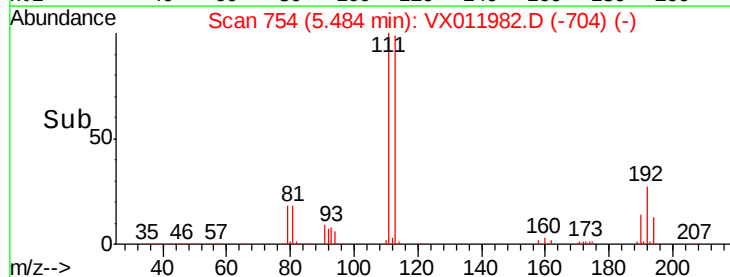
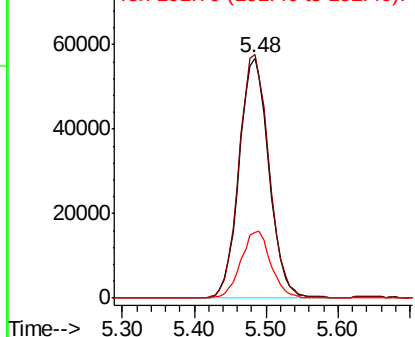


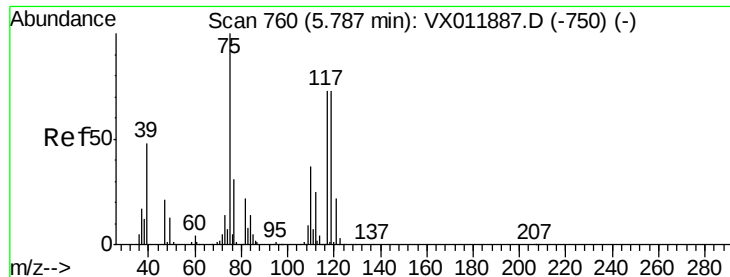
#35
 Dibromofluoromethane
 Concen: 45.159 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011982.D
 Acq: 01 Sep 2019 06:49

Tgt Ion:113 Resp: 162972
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 28.0 21.5 32.3



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: 5.836 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.14 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N3-(0)

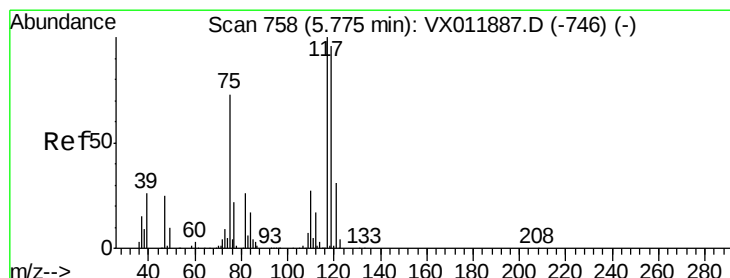
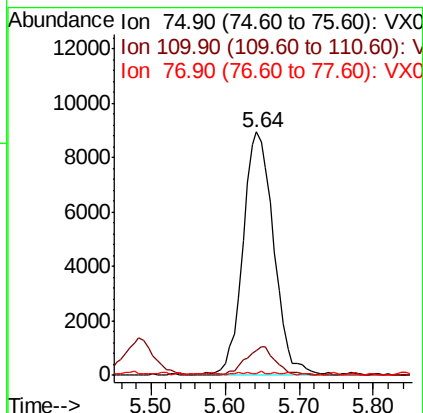
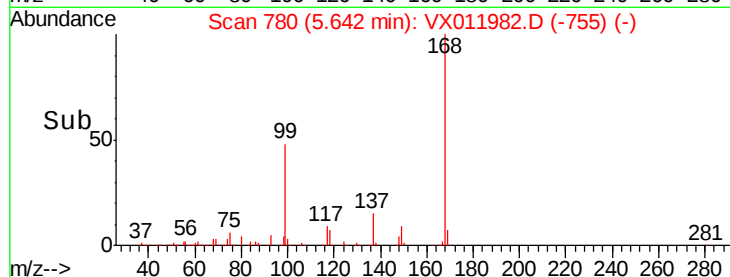
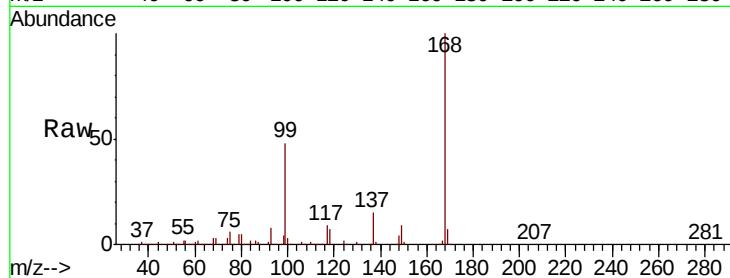
Tgt Ion: 75 Resp: 26022

Ion Ratio Lower Upper

75 100

110 11.5 19.1 57.3#

77 0.7 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.226 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

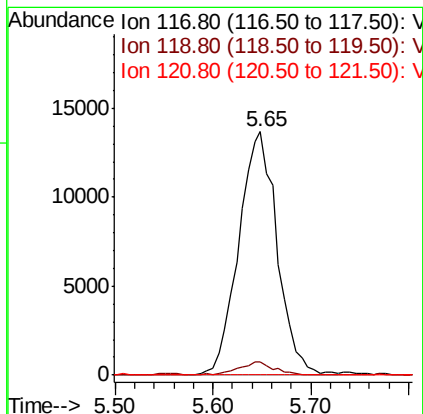
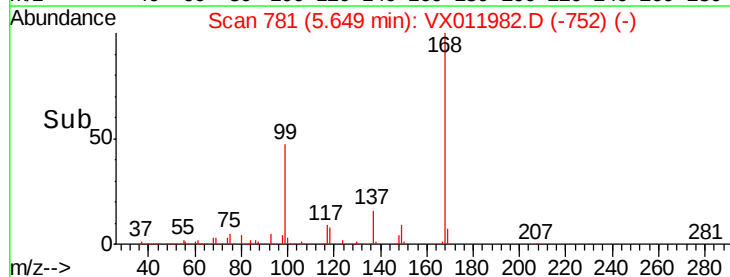
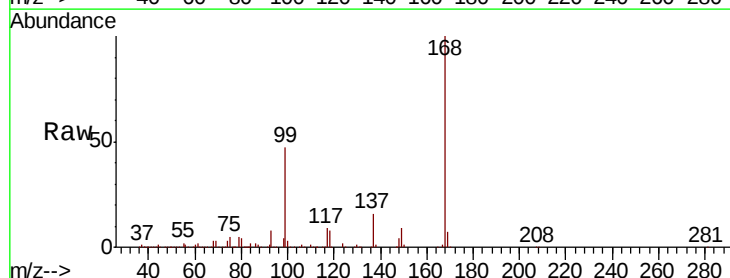
Tgt Ion: 117 Resp: 37367

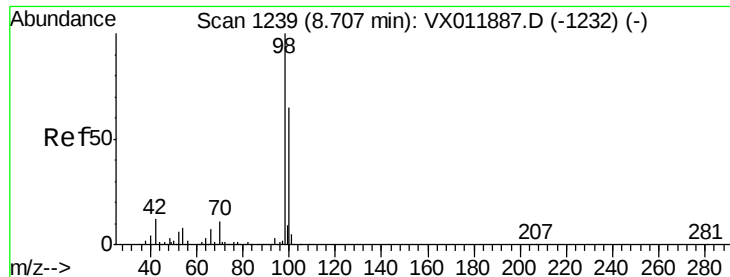
Ion Ratio Lower Upper

117 100

119 5.3 76.6 114.8#

121 0.0 24.7 37.1#

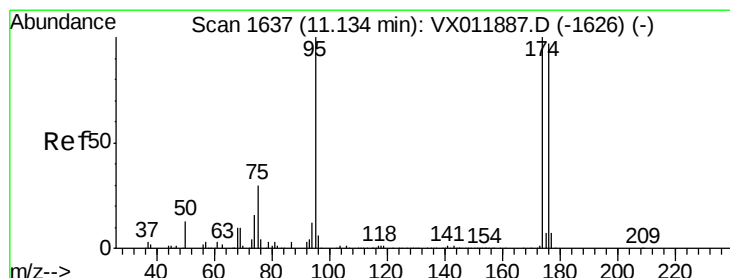
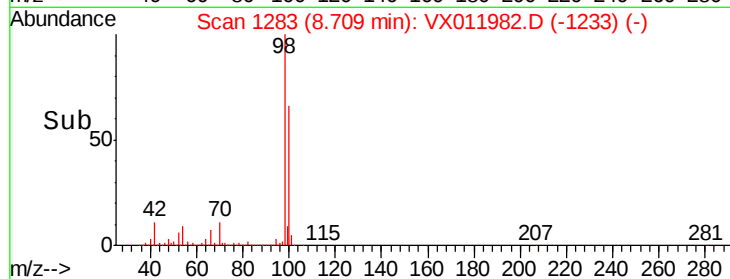
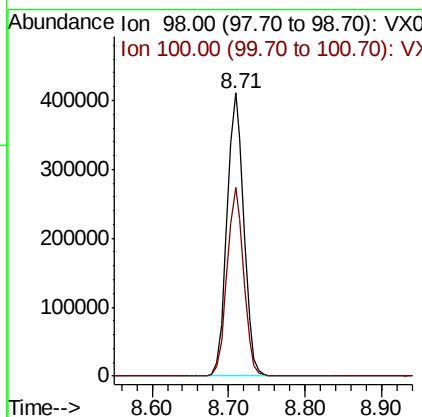
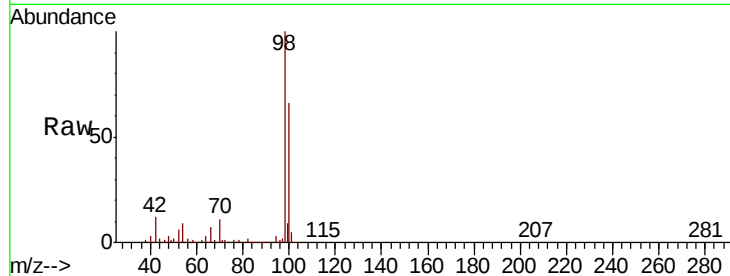




#50
Toluene-d8
Concen: 48.501 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

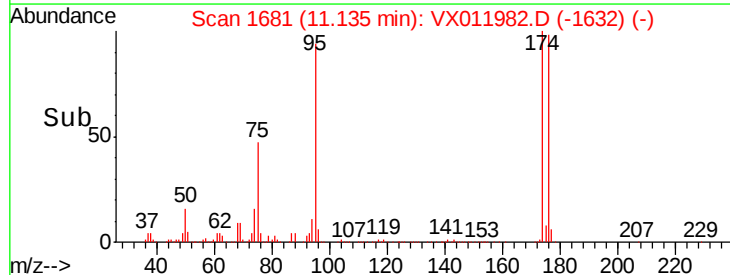
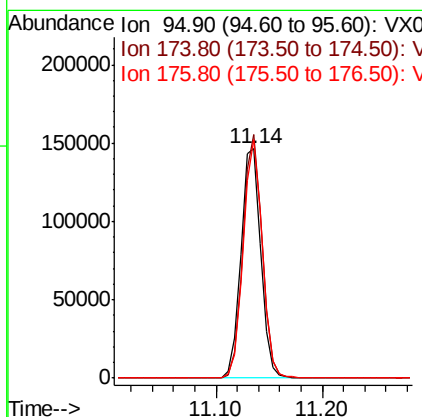
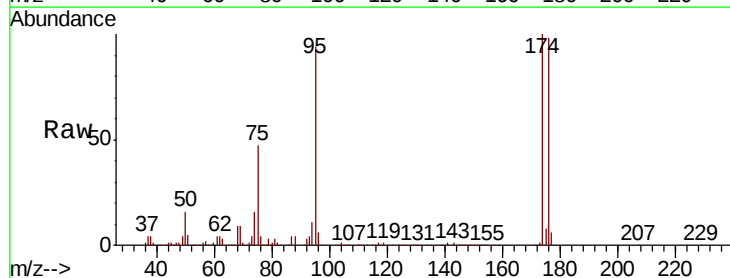
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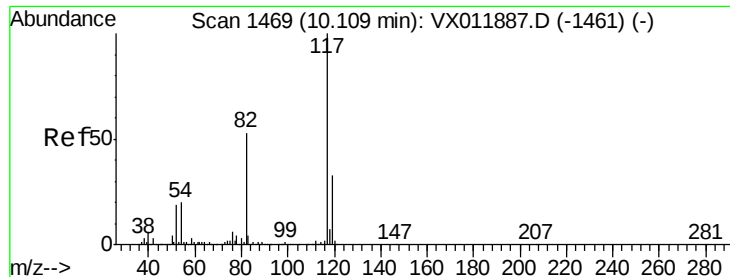
Tgt Ion: 98 Resp: 625684
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 34.069 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

Tgt Ion: 95 Resp: 192794
Ion Ratio Lower Upper
95 100
174 102.1 0.0 196.0
176 99.7 0.0 191.4

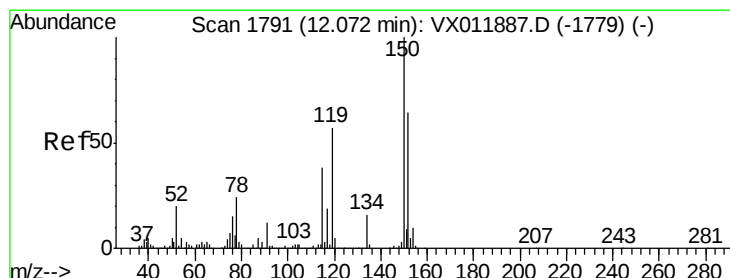
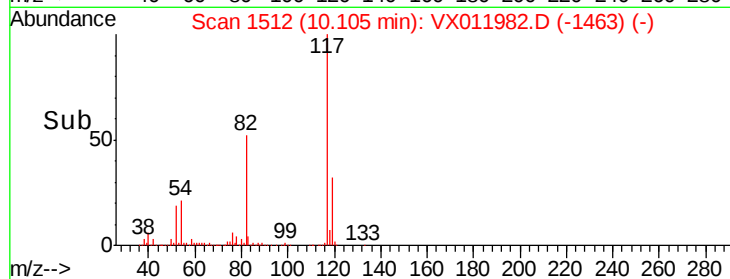
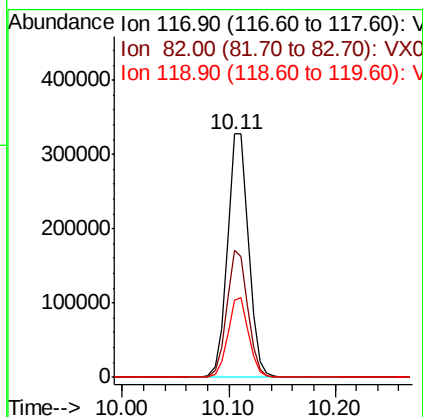
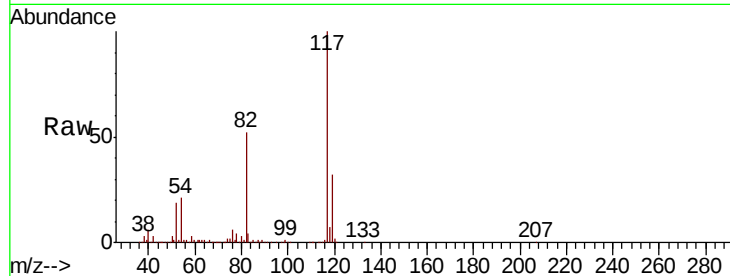




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

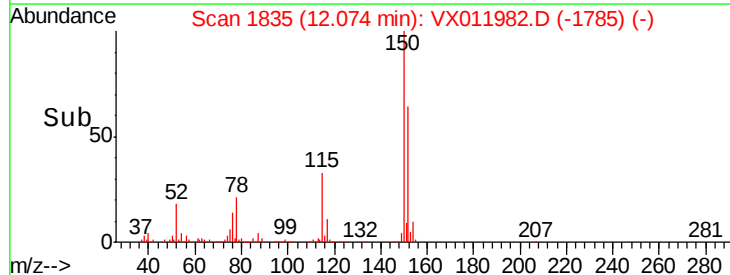
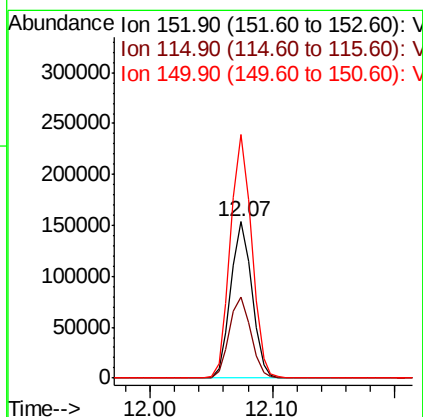
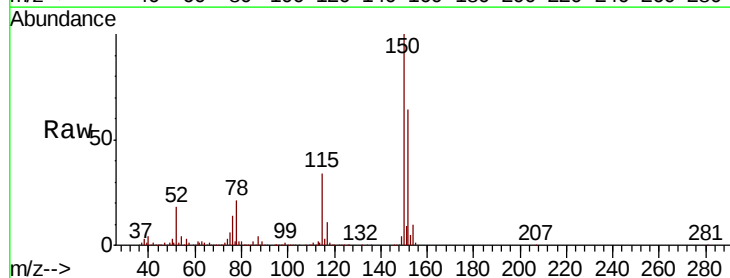
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N3-(0)

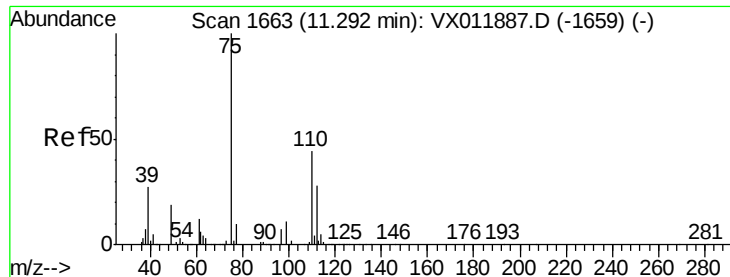
Tgt Ion:117 Resp: 457332
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

Tgt Ion:152 Resp: 183532
Ion Ratio Lower Upper
152 100
115 53.2 37.1 111.3
150 156.3 0.0 339.6

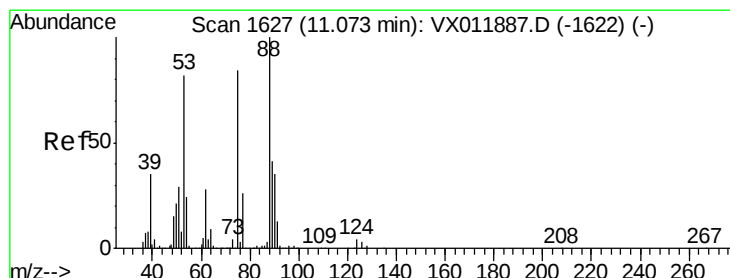
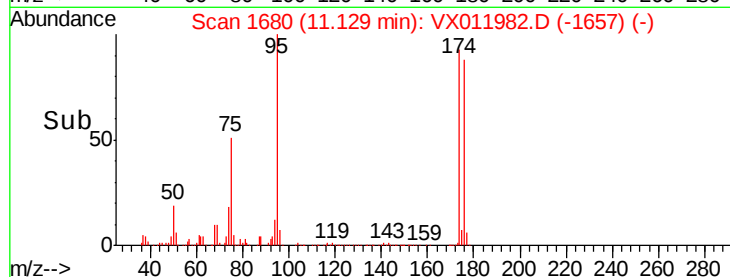
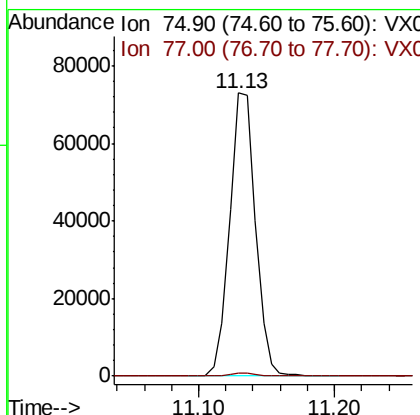
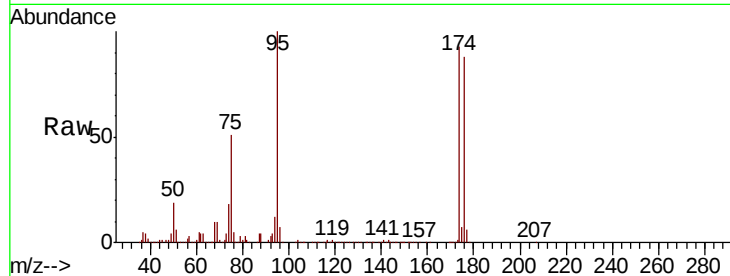




#76
 1,2,3-Trichloropropane
 Concen: 53.521 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX011982.D
 Acq: 01 Sep 2019 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N3-(0)

Tgt Ion: 75 Resp: 96627
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.454 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX011982.D
 Acq: 01 Sep 2019 06:49

Tgt Ion: 75 Resp: 96627
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.1 115.7#
 89 0.0 38.2 57.2#

