

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011984.D
 Acq On : 01 Sep 2019 07:45
 Operator : SY/SP
 Sample : K4527-10
 Misc : 5.90g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N1-(1.9)

Quant Time: Sep 02 01:26:43 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	384101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	489904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	153150	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	163452	44.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.84%	
35) Dibromofluoromethane	5.48	113	148744	47.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.70%	
50) Toluene-d8	8.71	98	529641	47.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	161799	32.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.70%	

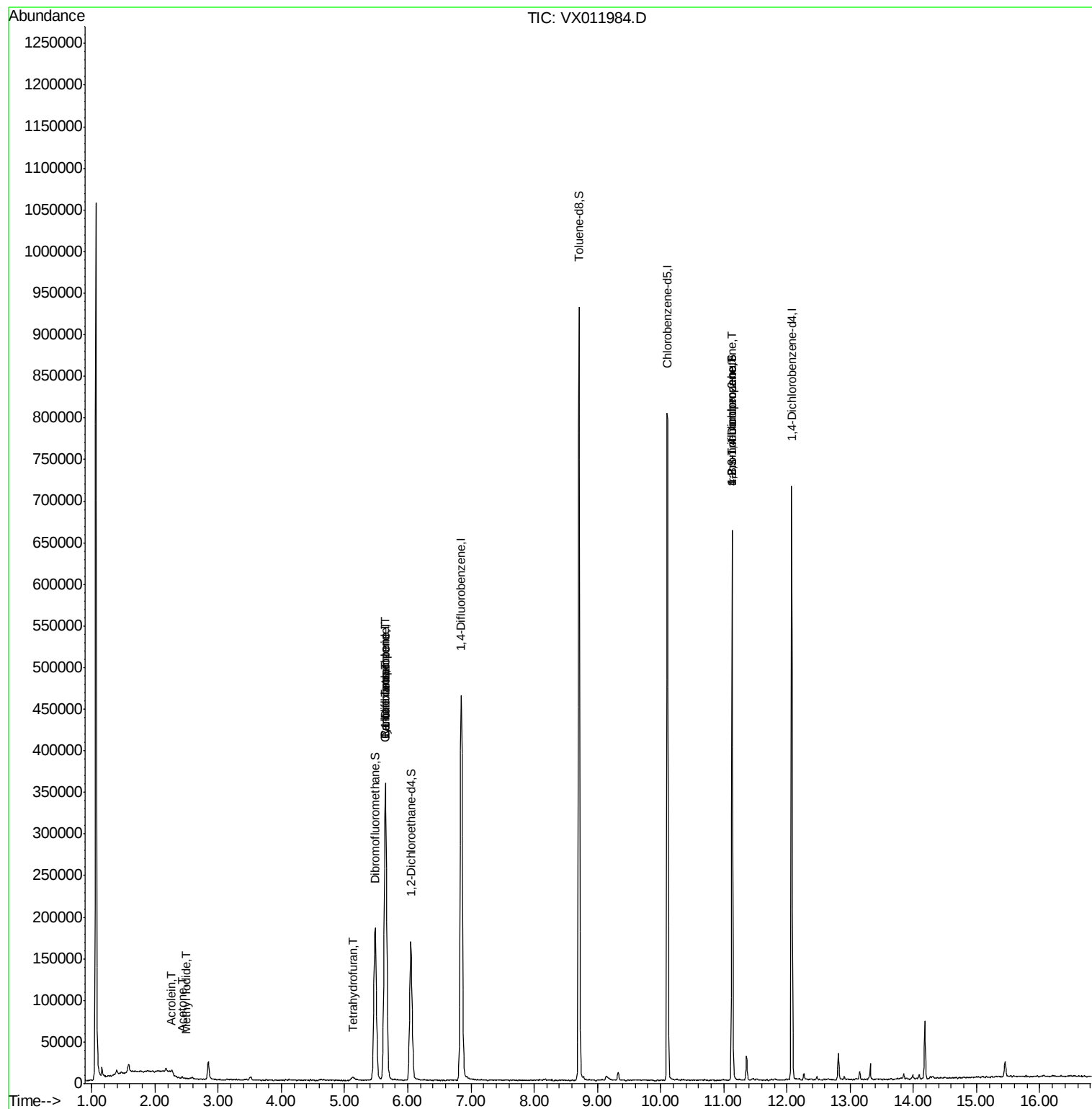
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	49	3.690	ug/l #	40
13) Acrolein	2.27	56	419	2.378	ug/l #	42
16) Acetone	2.43	43	2191	2.767	ug/l	94
20) Methylene Chloride	2.84	84	11004	Below Cal		93
29) Tetrahydrofuran	5.12	42	4249	5.903	ug/l	93
31) Cyclohexane	5.65	56	6067	1.320	ug/l #	6
36) 1,1-Dichloropropene	5.64	75	22648	5.835	ug/l #	51
38) Carbon Tetrachloride	5.65	117	32296	7.175	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	80258	53.273	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	80258	133.831	ug/l #	11

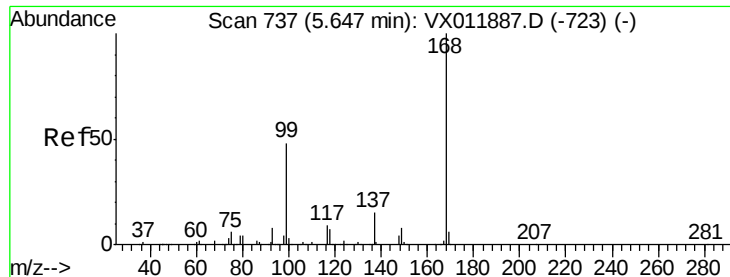
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VX011984.D

Acq: 01 Sep 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

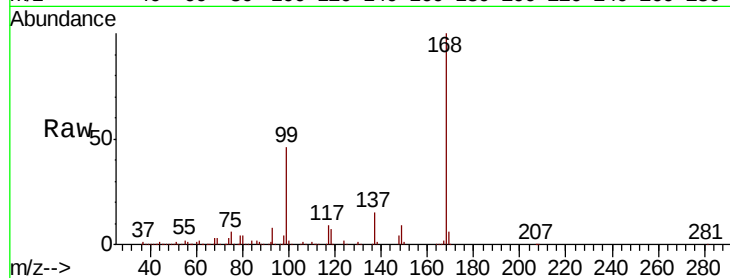
T9-12-13-N1-(1.9)

Tgt Ion:168 Resp: 384101

Ion Ratio Lower Upper

168 100

99 46.1 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

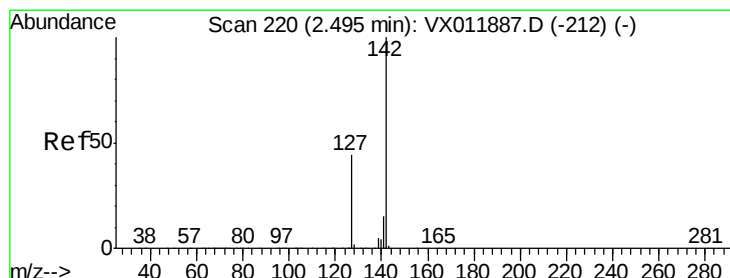
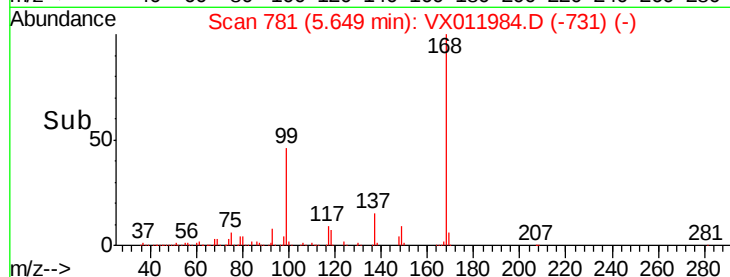
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50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 3.690 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

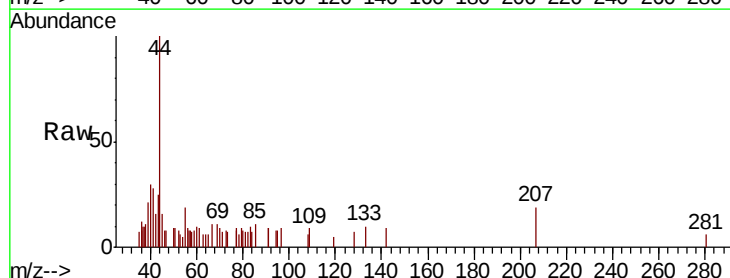
Tgt Ion:142 Resp: 49

Ion Ratio Lower Upper

142 100

127 0.0 35.7 53.5#

141 0.0 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

100

80

60

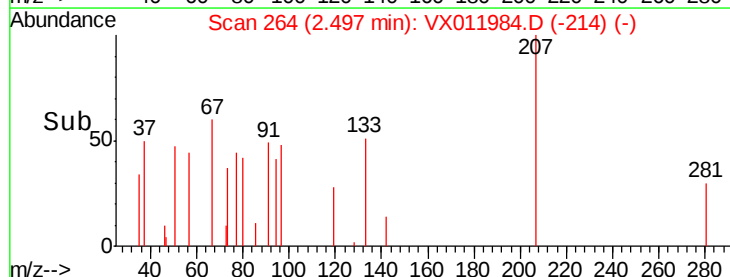
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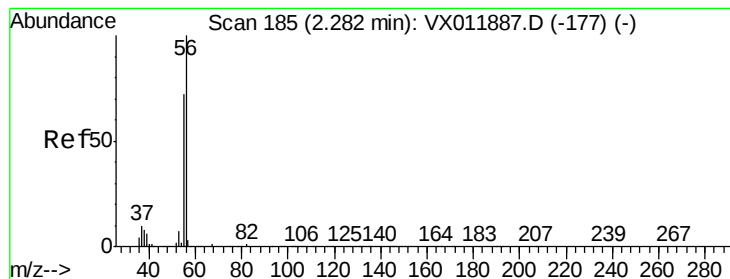
20

0

Time-->

2.48 2.50





#13

Acrolein

Concen: 2.378 ug/l

RT: 2.27 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

Instrument :

MSVOA_X

ClientSampled :

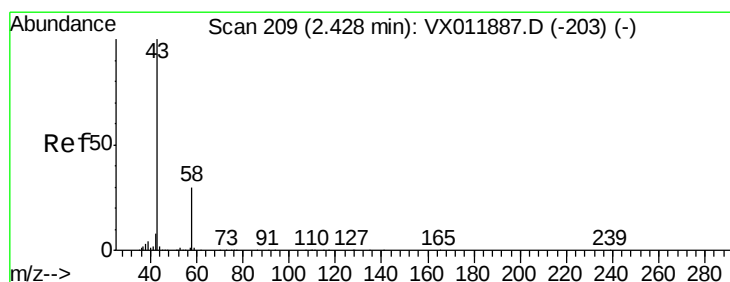
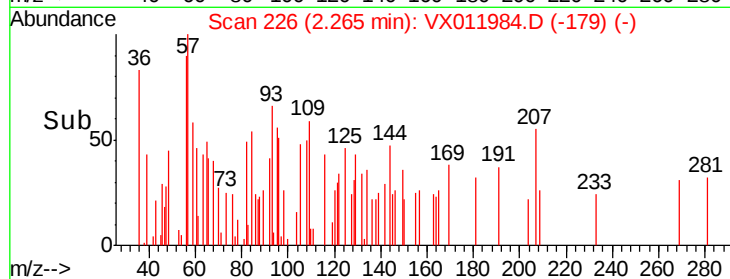
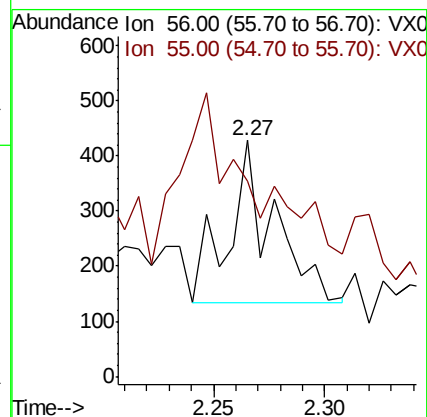
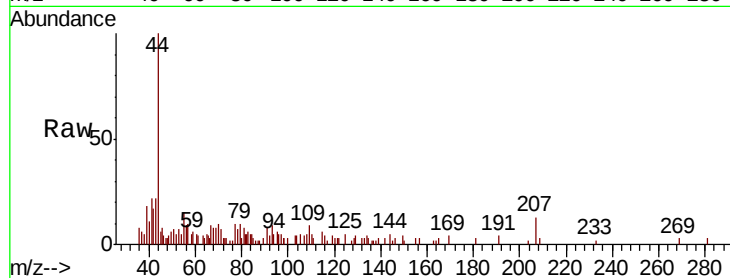
T9-12-13-N1-(1.9)

Tgt Ion: 56 Resp: 419

Ion Ratio Lower Upper

56 100

55 121.7 58.6 88.0#



#16

Acetone

Concen: 2.767 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011984.D

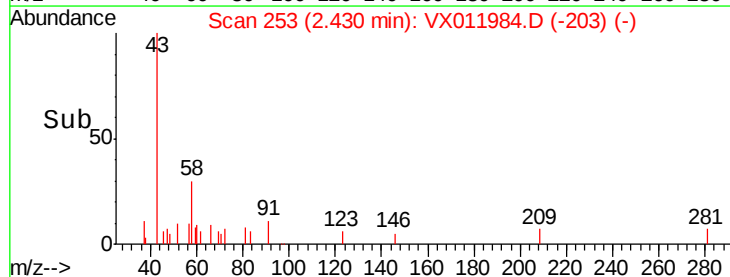
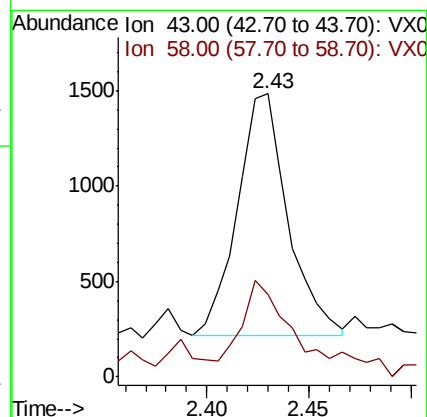
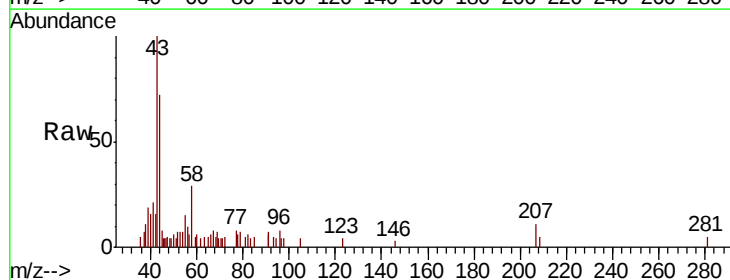
Acq: 01 Sep 2019 07:45

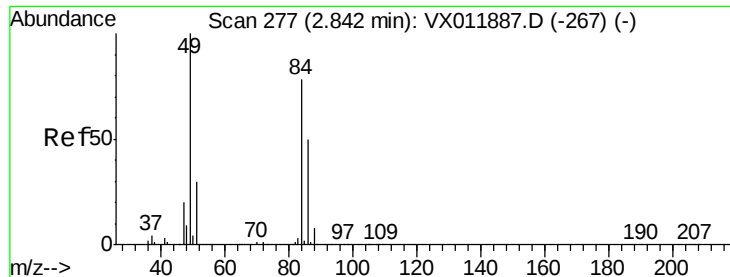
Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

43 100

58 26.6 23.8 35.8

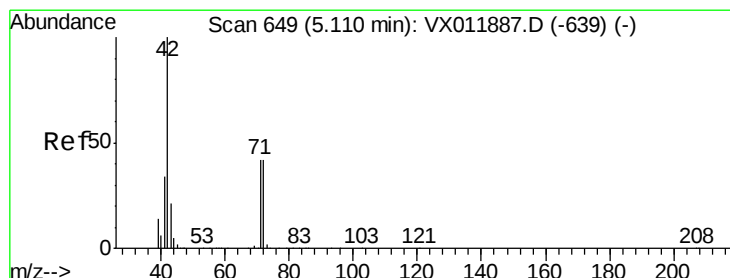
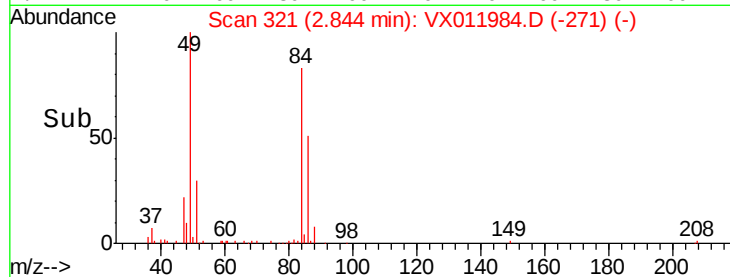
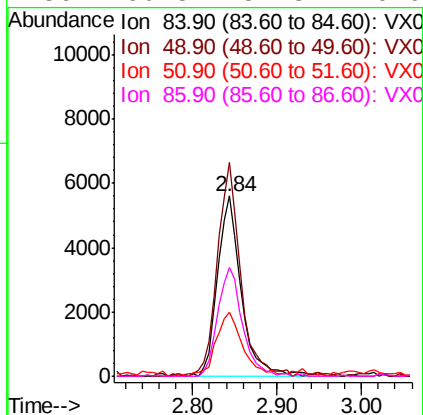
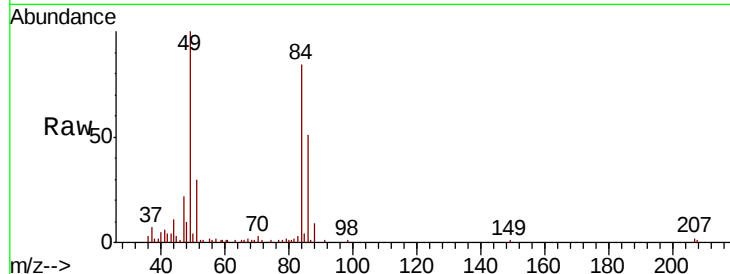




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

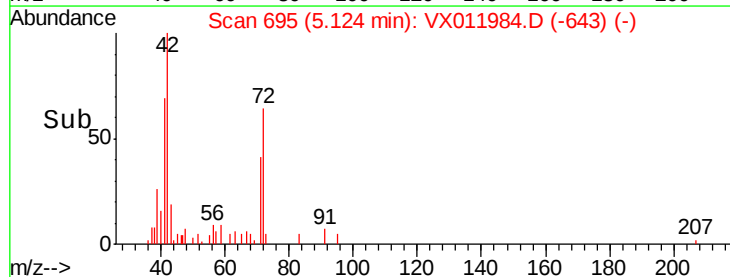
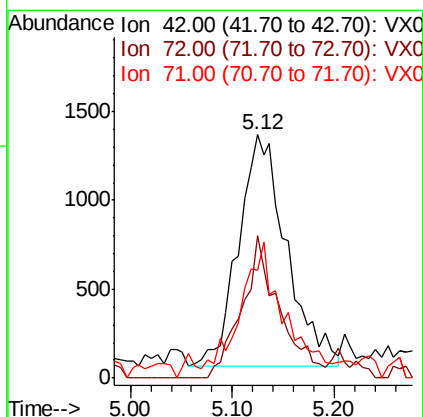
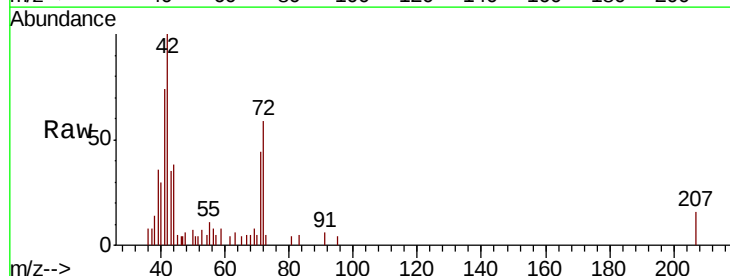
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N1-(1.9)

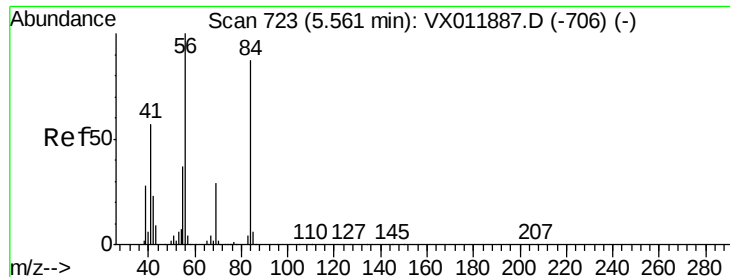
Tgt Ion: 84 Resp: 11004
Ion Ratio Lower Upper
84 100
49 117.6 103.0 154.4
51 35.4 30.8 46.2
86 60.8 51.3 76.9



#29
Tetrahydrofuran
Concen: 5.903 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

Tgt Ion: 42 Resp: 4249
Ion Ratio Lower Upper
42 100
72 48.5 36.2 54.4
71 46.7 33.1 49.7

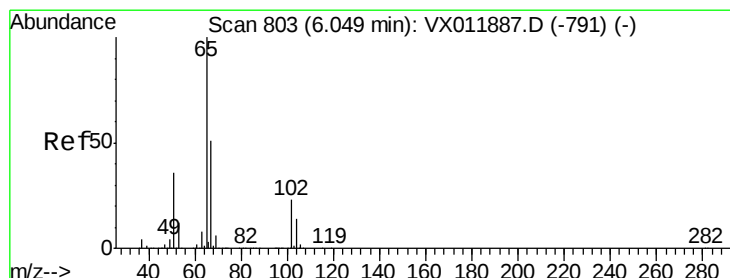
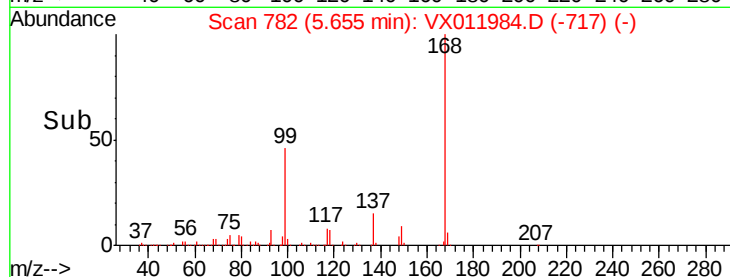
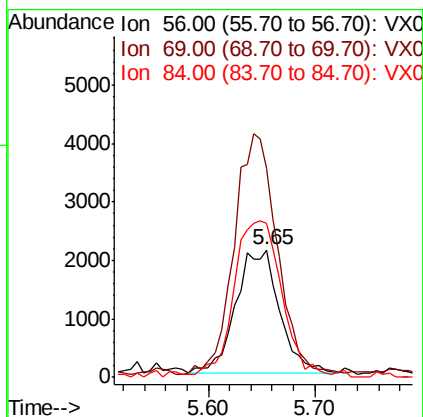
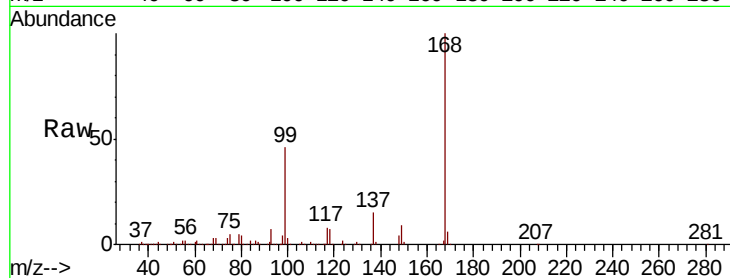




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

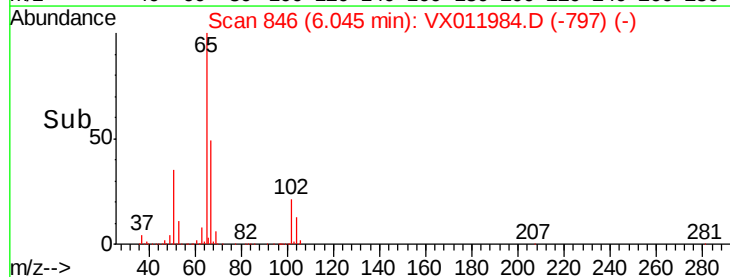
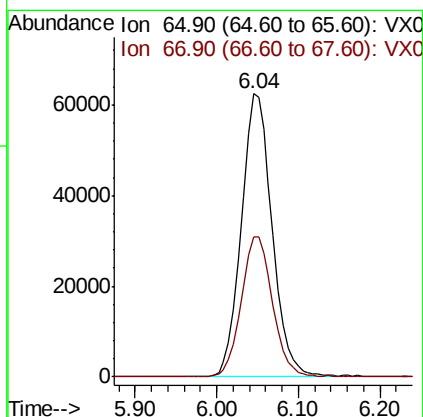
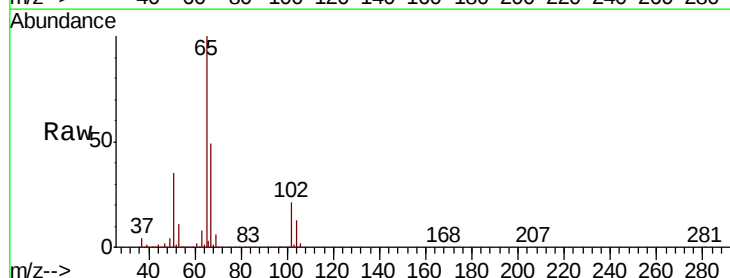
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N1-(1.9)

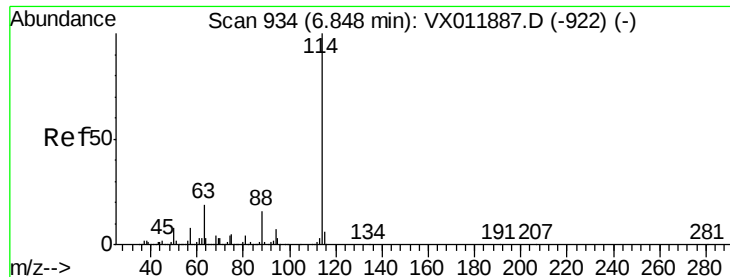
Tgt Ion: 56 Resp: 6067
Ion Ratio Lower Upper
56 100
69 166.6 23.1 34.7#
84 122.9 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 44.415 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

Tgt Ion: 65 Resp: 163452
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.00 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N1-(1.9)

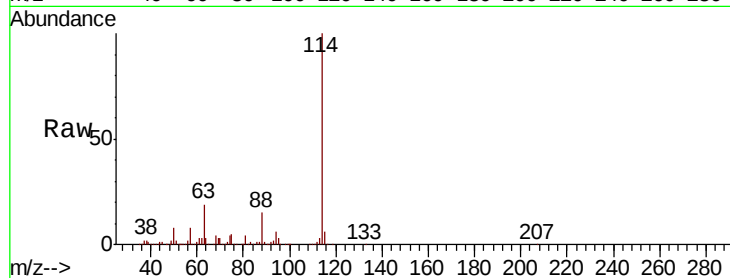
Tgt Ion:114 Resp: 489904

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

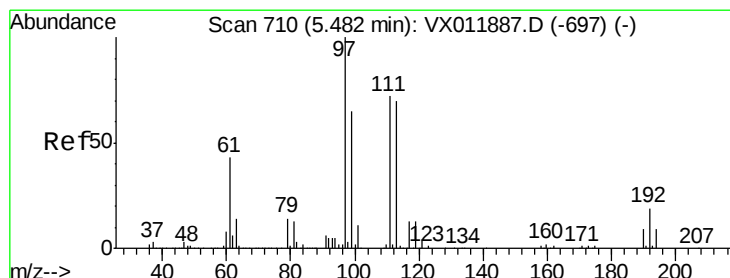
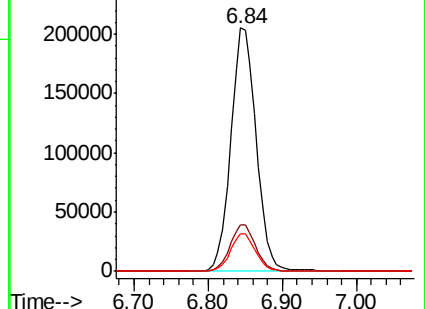
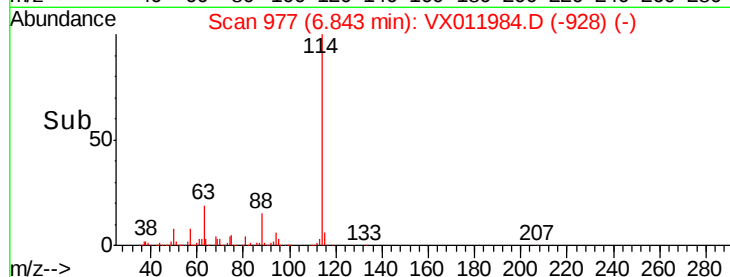
88 15.2 0.0 31.2



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: 47.349 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

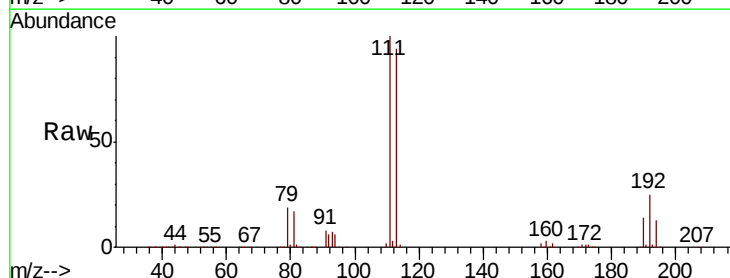
Tgt Ion:113 Resp: 148744

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

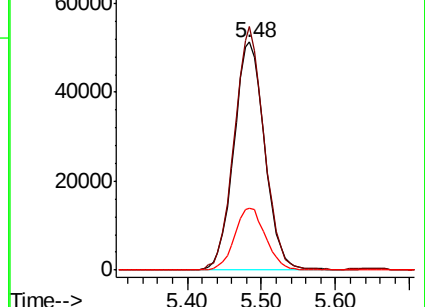
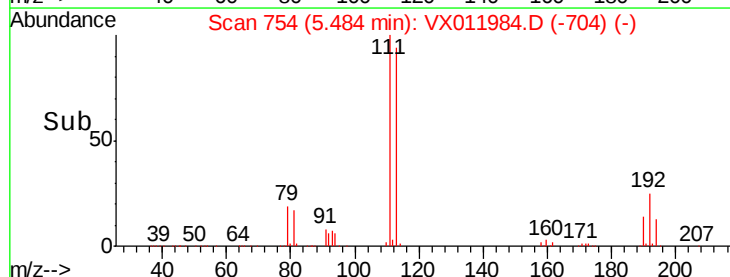
192 27.5 21.5 32.3

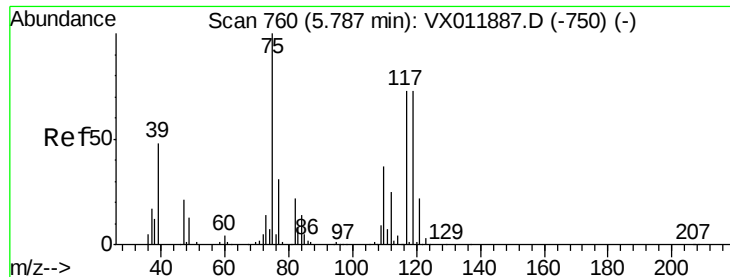


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

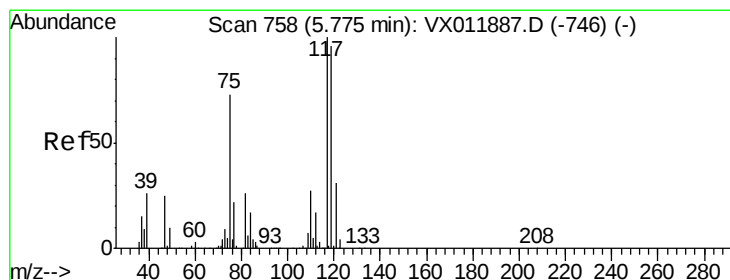
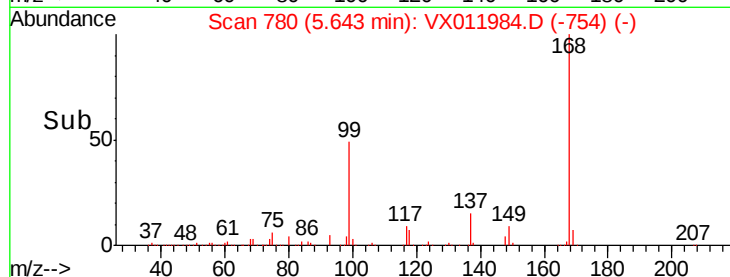
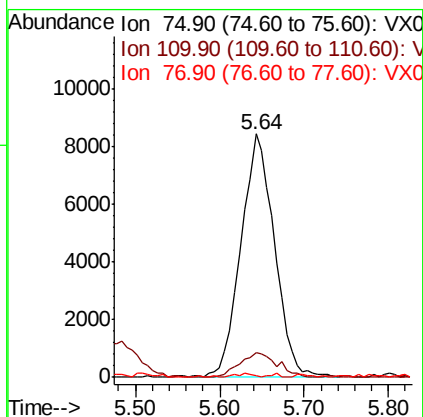
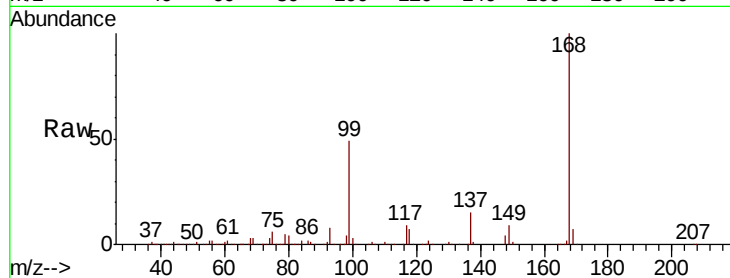




#36
 1,1-Dichloropropene
 Concen: 5.835 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.14 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

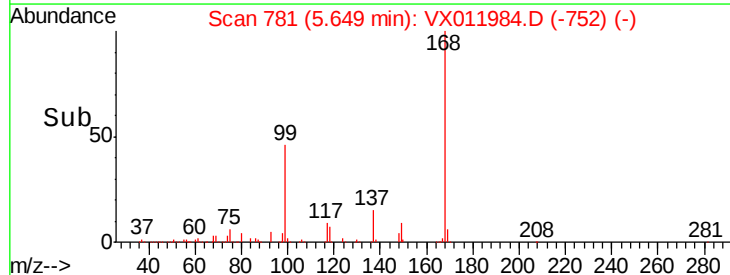
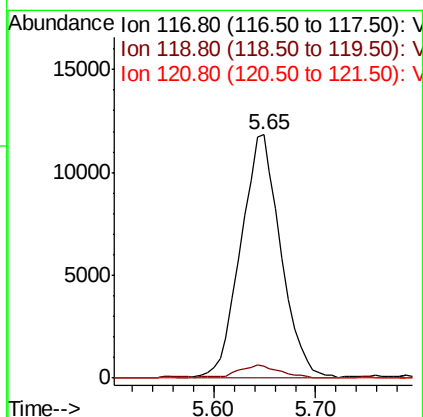
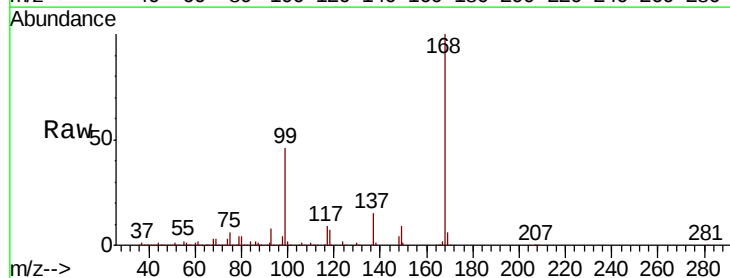
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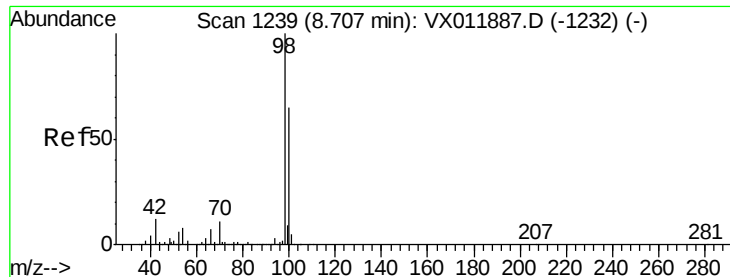
Tgt Ion: 75 Resp: 22648
 Ion Ratio Lower Upper
 75 100
 110 11.5 19.1 57.3#
 77 0.9 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.175 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

Tgt Ion: 117 Resp: 32296
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.6 114.8#
 121 0.0 24.7 37.1#

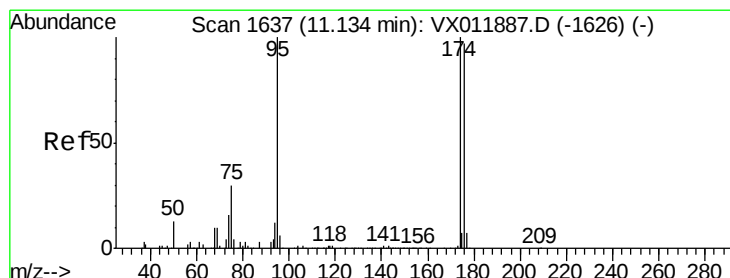
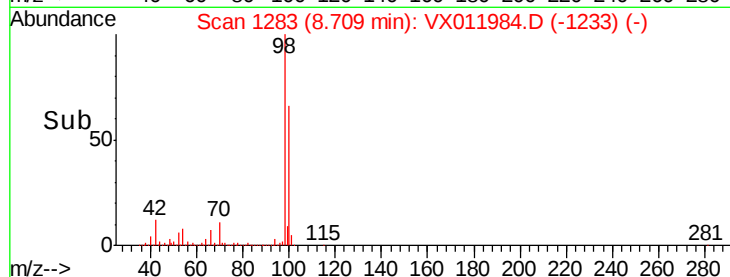
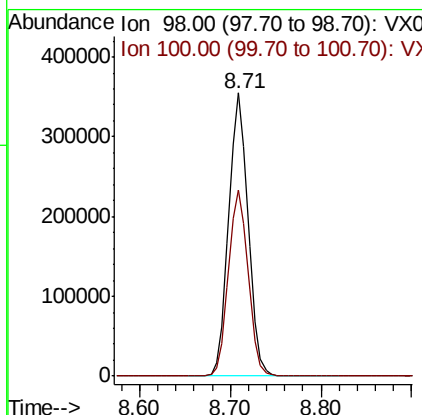
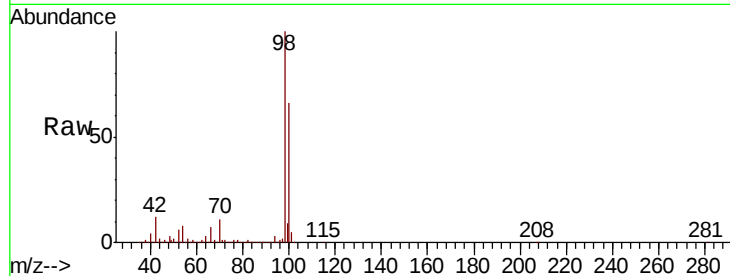




#50
Toluene-d8
Concen: 47.164 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

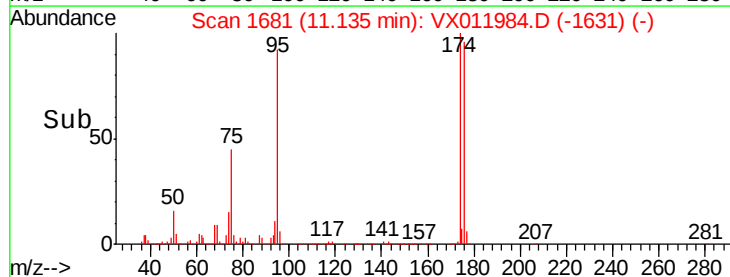
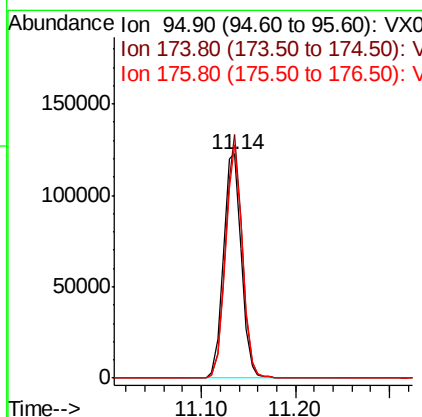
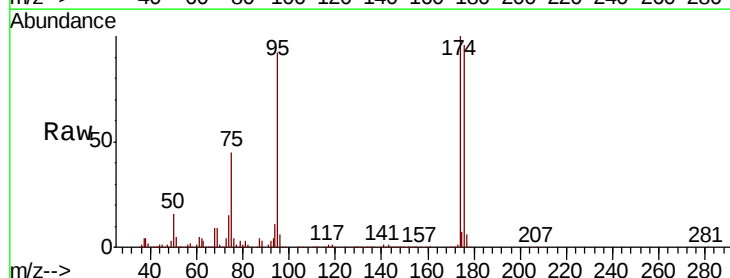
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T9-12-13-N1-(1.9)

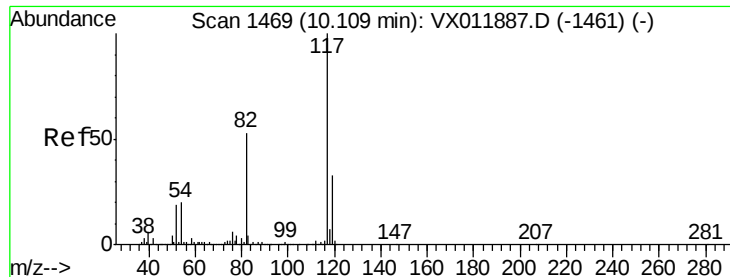
Tgt Ion: 98 Resp: 529641
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 32.845 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

Tgt Ion: 95 Resp: 161799
Ion Ratio Lower Upper
95 100
174 100.3 0.0 196.0
176 97.3 0.0 191.4

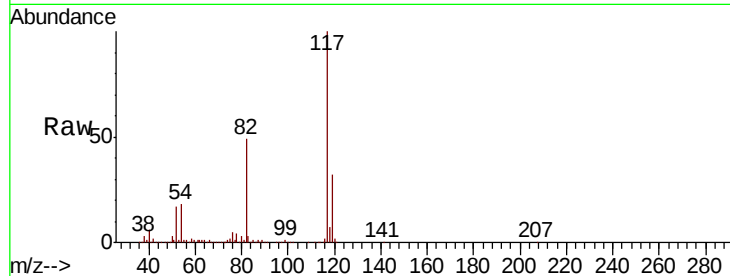




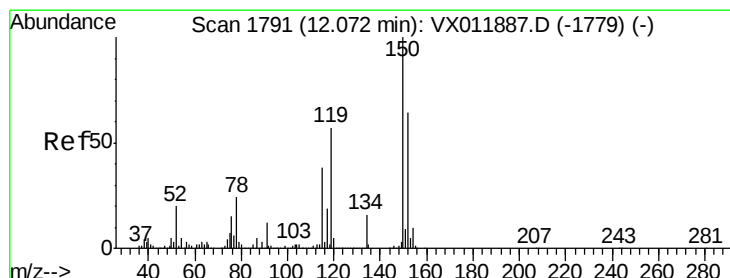
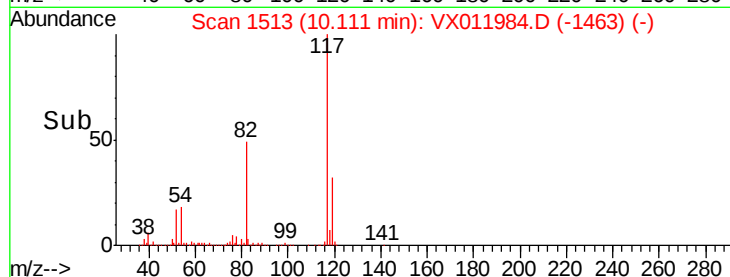
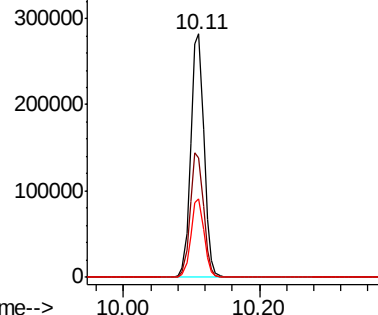
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N1-(1.9)

Tgt Ion:117 Resp: 381961
Ion Ratio Lower Upper
117 100
82 49.2 42.0 63.0
119 32.3 26.2 39.4

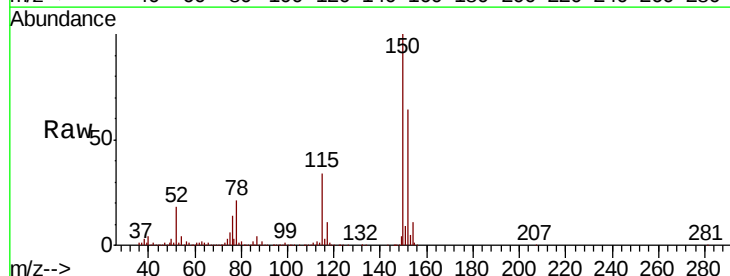


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

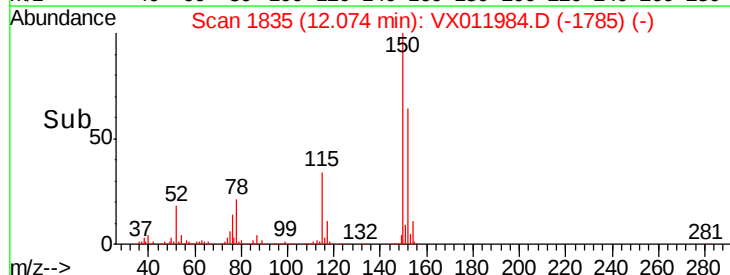
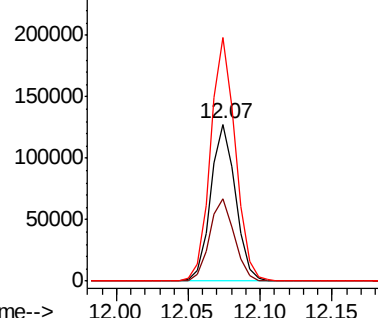


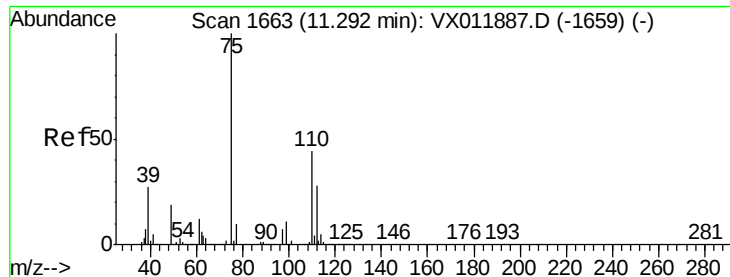
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011984.D
Acq: 01 Sep 2019 07:45

Tgt Ion:152 Resp: 153150
Ion Ratio Lower Upper
152 100
115 52.9 37.1 111.3
150 155.4 0.0 339.6



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

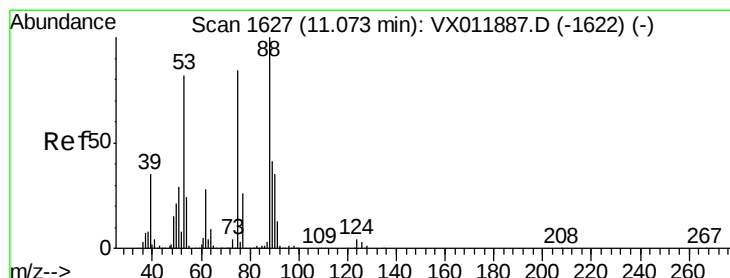
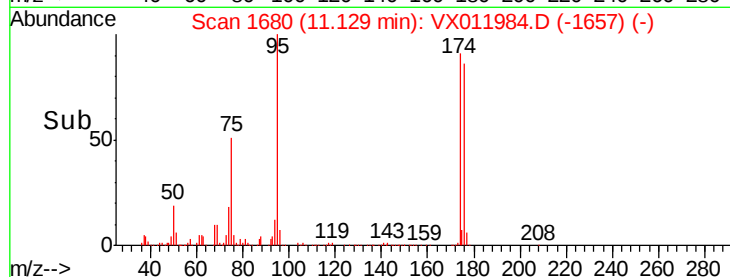
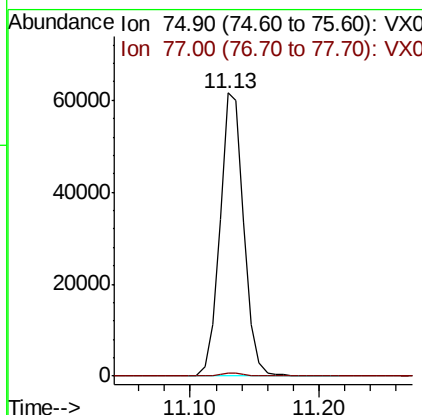
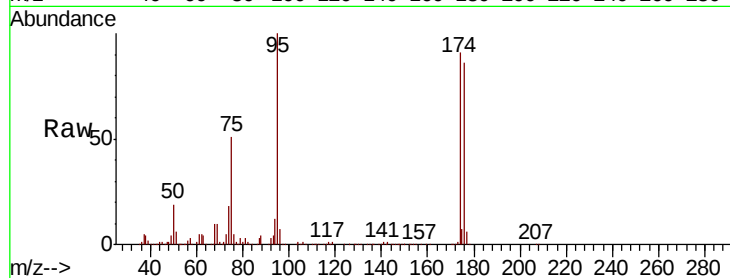




#76
 1,2,3-Trichloropropane
 Concen: 53.273 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N1-(1.9)

Tgt Ion: 75 Resp: 80258
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.831 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

Tgt Ion: 75 Resp: 80258
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.1 115.7#
 89 0.0 38.2 57.2#

