

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011976.D
 Acq On : 01 Sep 2019 04:01
 Operator : SY/SP
 Sample : K4526-20
 Misc : 5.62g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 04:22:36 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	416514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	521158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	398748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	147825	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	161552	40.48	ug/l	0.00
Spiked Amount			Recovery	=	80.96%	
35) Dibromofluoromethane	5.48	113	152658	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
50) Toluene-d8	8.71	98	566791	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.14	95	162857	31.08	ug/l	0.00
Spiked Amount			Recovery	=	62.16%	

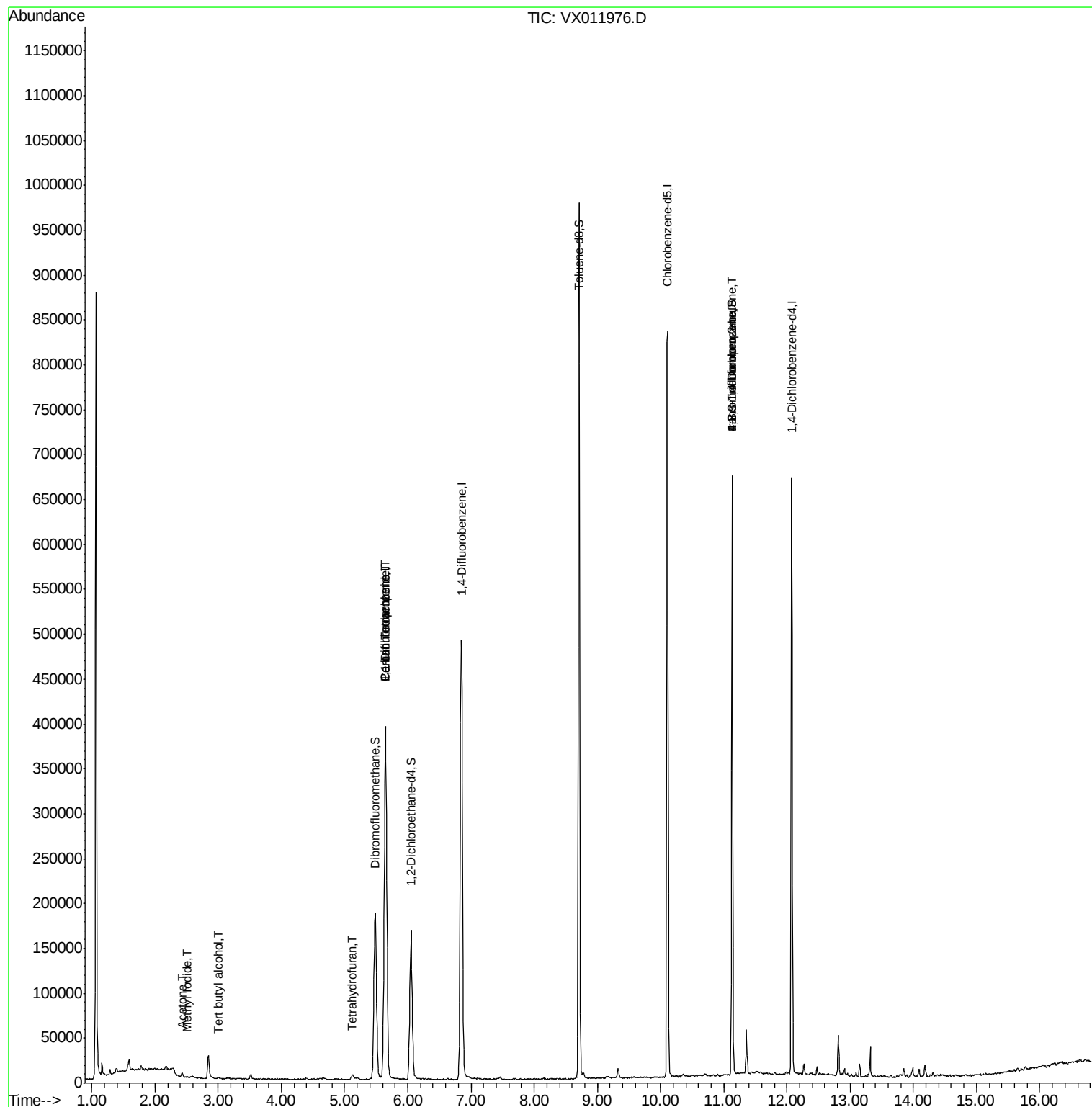
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	110	3.706	ug/l #	35
11) Tert butyl alcohol	3.01	59	1333	3.472	ug/l #	87
16) Acetone	2.43	43	4043	4.709	ug/l	95
20) Methylene Chloride	2.84	84	13036	Below Cal		86
29) Tetrahydrofuran	5.13	42	4493	5.756	ug/l	92
36) 1,1-Dichloropropene	5.65	75	24915	6.034	ug/l #	51
38) Carbon Tetrachloride	5.65	117	35453	7.404	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	81422	55.992	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	81422	140.663	ug/l #	11

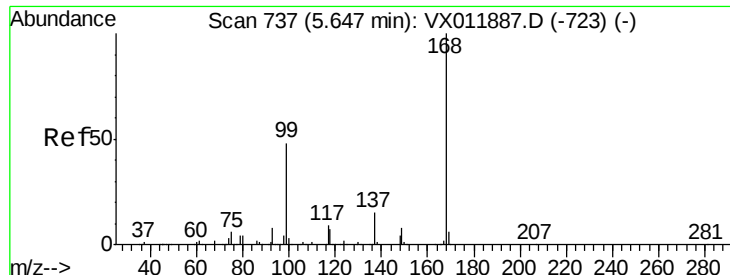
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
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T9-12-13-L-(0)

Quant Time: Sep 01 04:22:36 2019
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: VX011976.D

Acq: 01 Sep 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

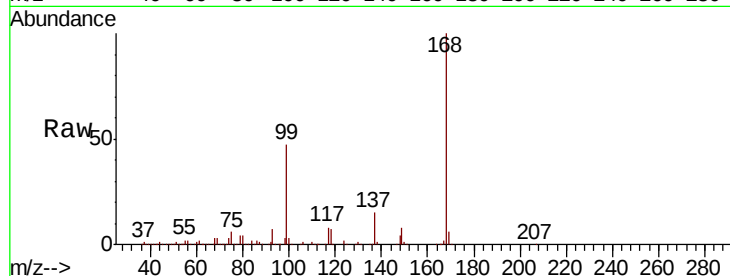
T9-12-13-L-(0)

Tgt Ion:168 Resp: 416514

Ion Ratio Lower Upper

168 100

99 47.4 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

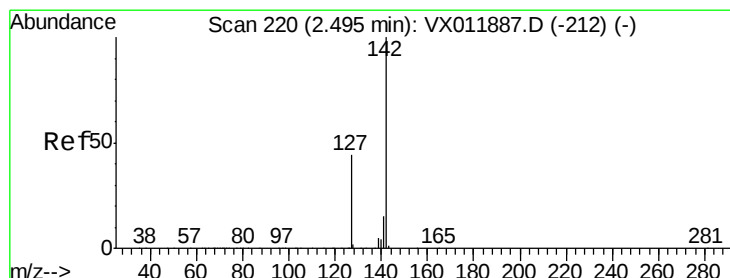
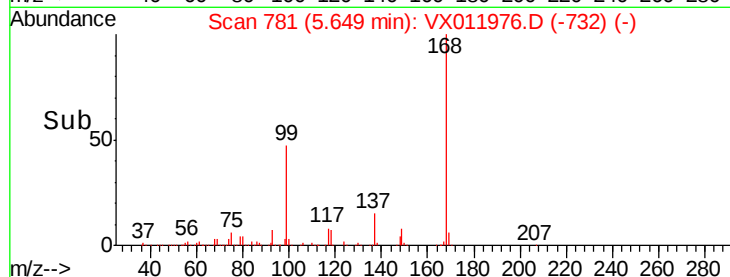
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.706 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011976.D

Acq: 01 Sep 2019 04:01

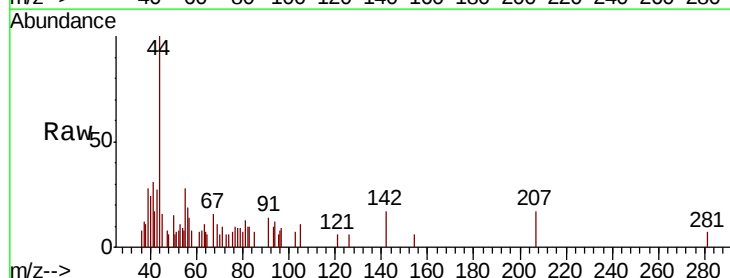
Tgt Ion:142 Resp: 110

Ion Ratio Lower Upper

142 100

127 0.0 35.7 53.5#

141 36.4 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

200

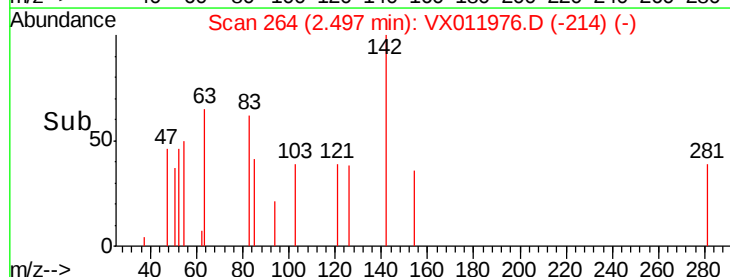
150

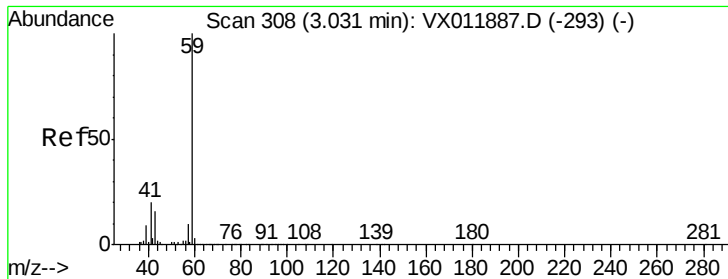
100

50

0

Time-->

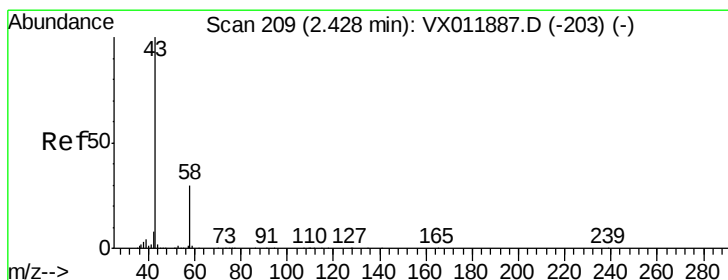
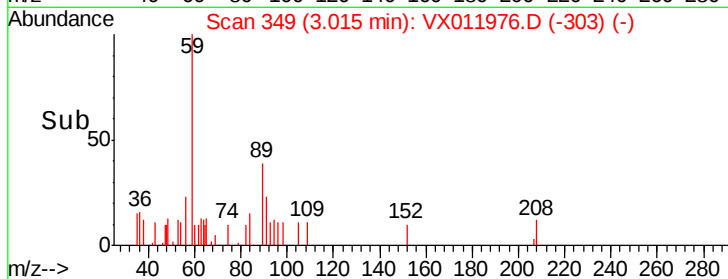
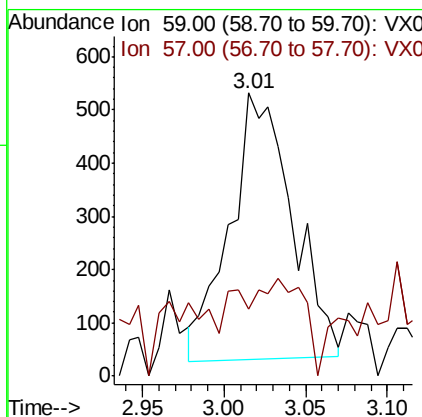
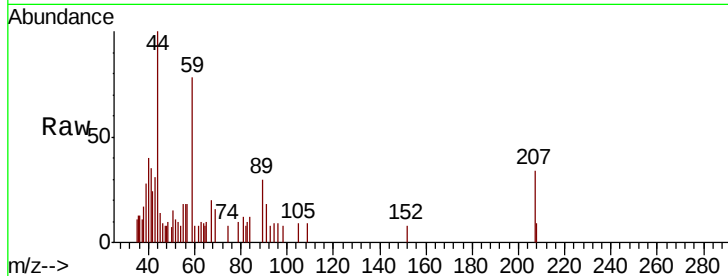




#11
Tert butyl alcohol
Concen: 3.472 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

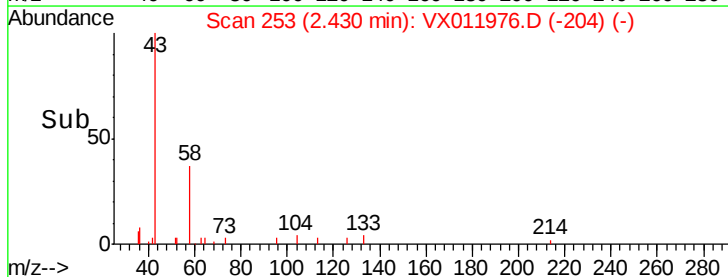
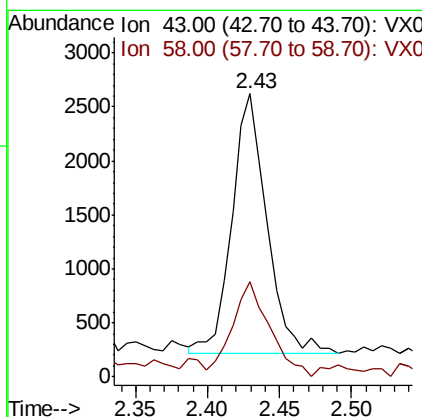
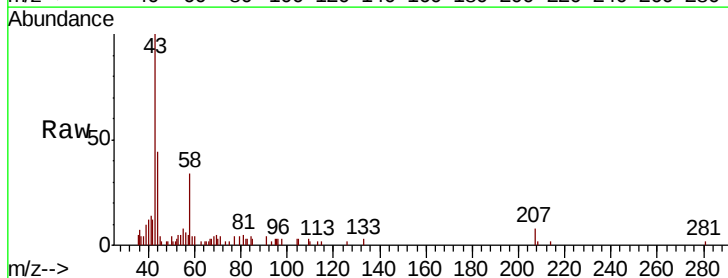
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-L-(0)

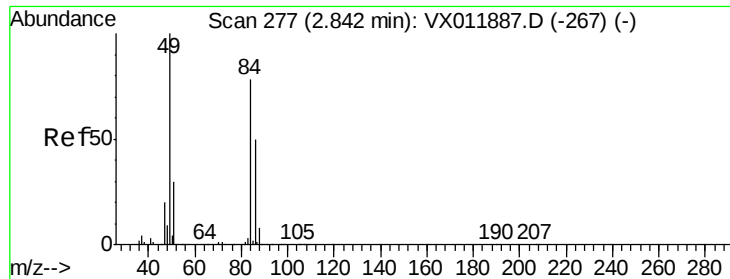
Tgt Ion: 59 Resp: 1333
Ion Ratio Lower Upper
59 100
57 5.7 8.6 12.8#



#16
Acetone
Concen: 4.709 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.8

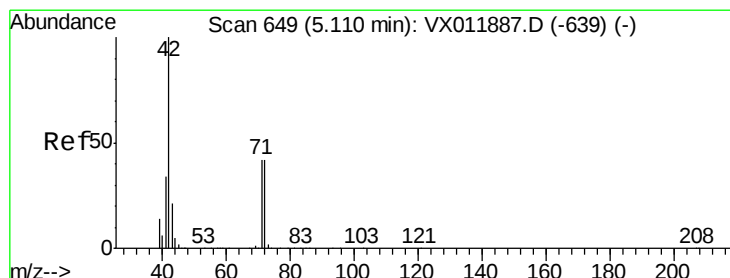
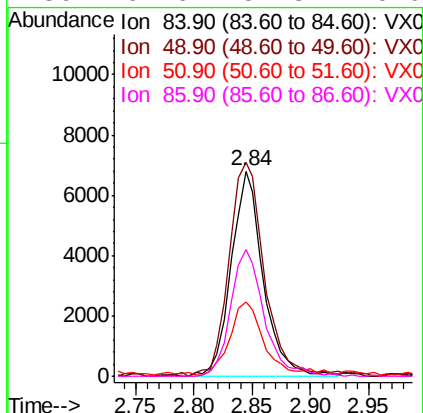
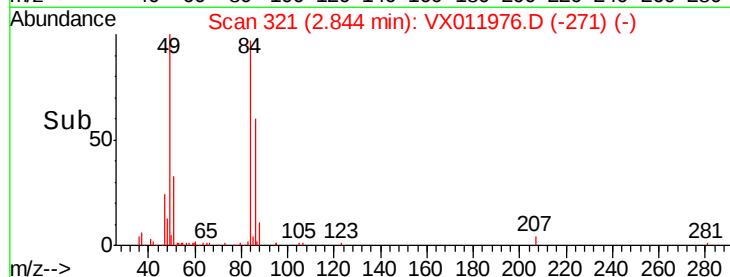
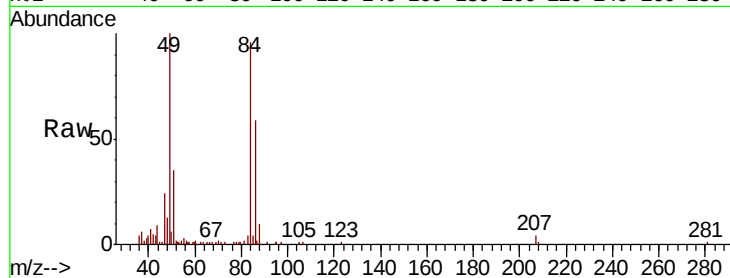




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

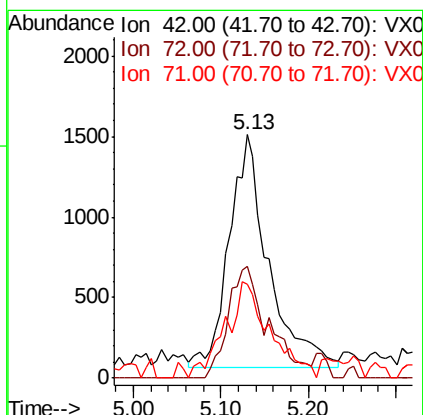
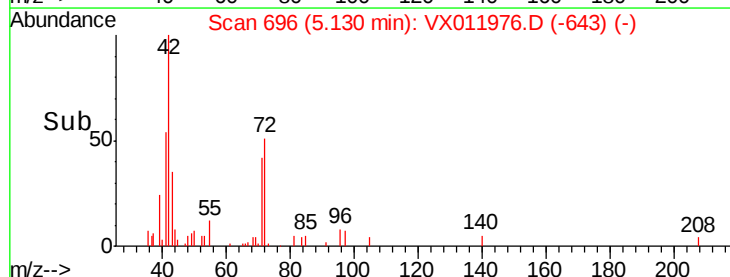
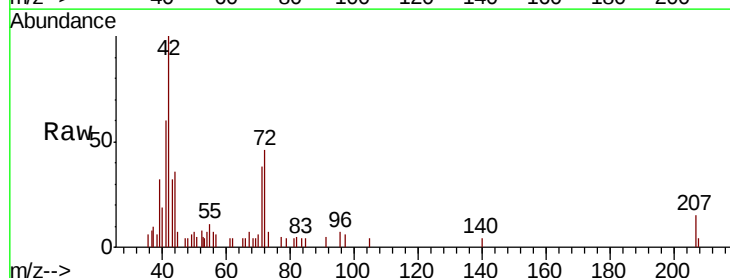
Instrument :
MSVOA_X
ClientSampled :
T9-12-13-L-(0)

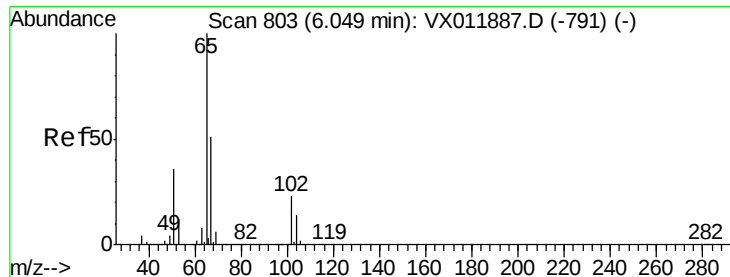
Tgt Ion: 84 Resp: 13036
Ion Ratio Lower Upper
84 100
49 104.2 103.0 154.4
51 35.3 30.8 46.2
86 61.6 51.3 76.9



#29
Tetrahydrofuran
Concen: 5.756 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

Tgt Ion: 42 Resp: 4493
Ion Ratio Lower Upper
42 100
72 49.5 36.2 54.4
71 47.3 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 40.483 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011976.D

Acq: 01 Sep 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

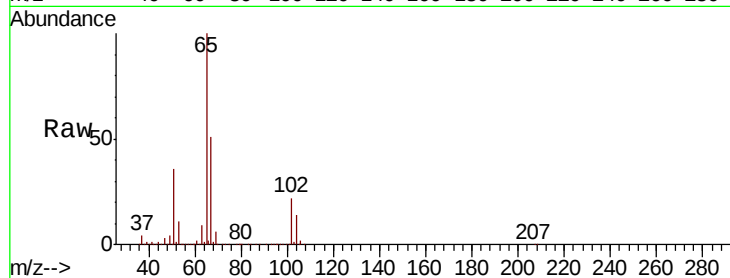
T9-12-13-L-(0)

Tgt Ion: 65 Resp: 161552

Ion Ratio Lower Upper

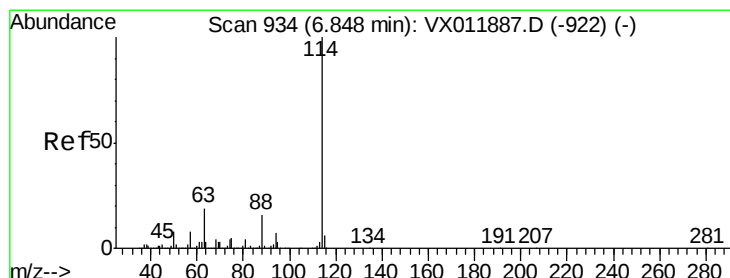
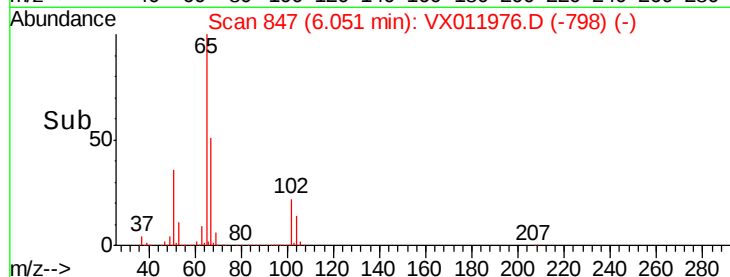
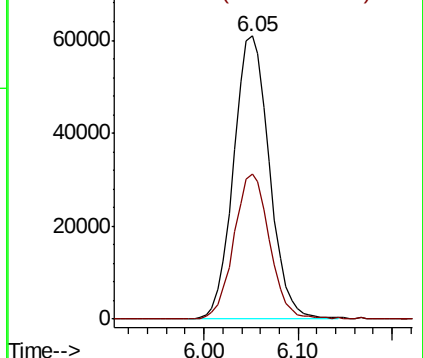
65 100

67 50.9 0.0 102.2



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: VX011976.D

Acq: 01 Sep 2019 04:01

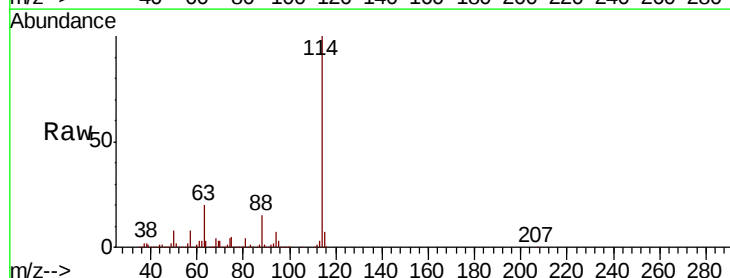
Tgt Ion: 114 Resp: 521158

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

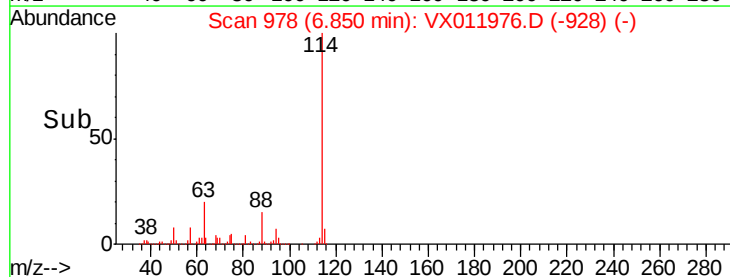
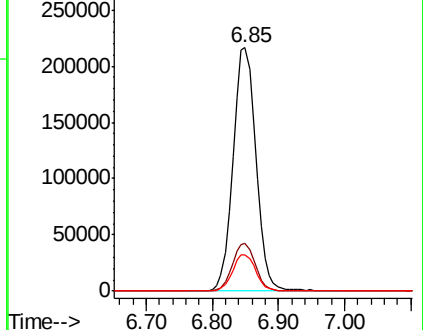
88 15.1 0.0 31.2

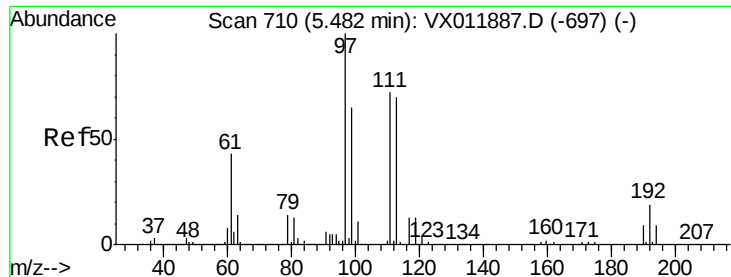


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.680 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011976.D

Acq: 01 Sep 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-L-(0)

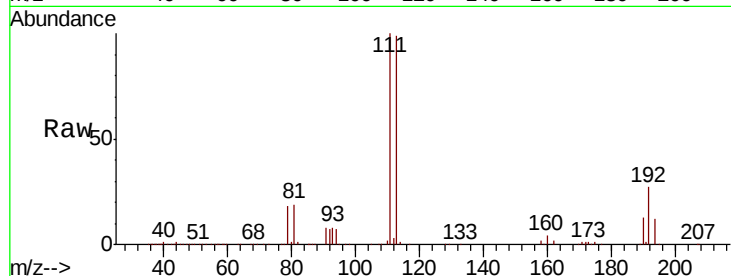
Tgt Ion:113 Resp: 152658

Ion Ratio Lower Upper

113 100

111 100.9 82.1 123.1

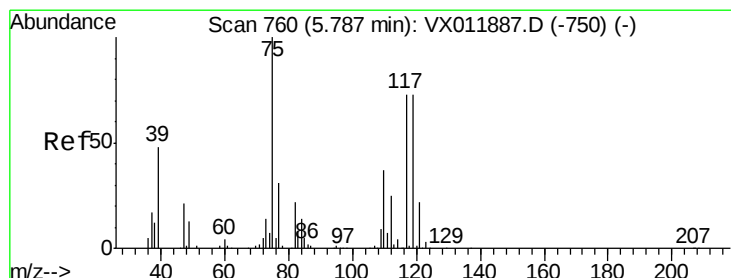
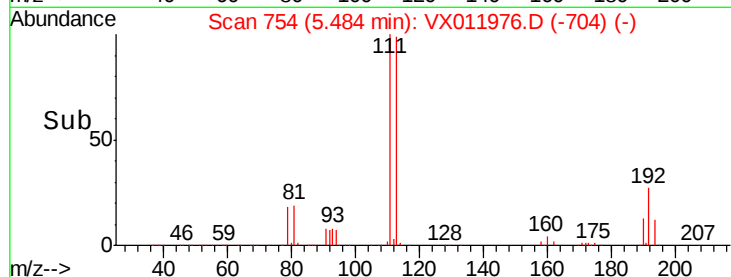
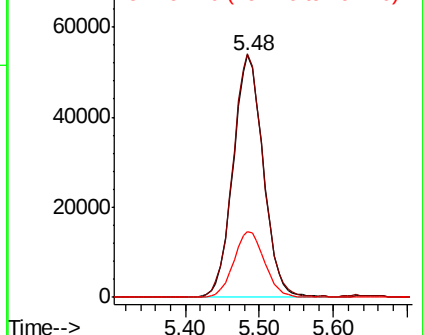
192 27.8 21.5 32.3



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: 6.034 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX011976.D

Acq: 01 Sep 2019 04:01

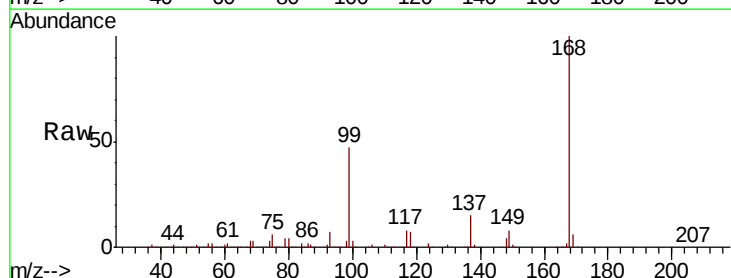
Tgt Ion: 75 Resp: 24915

Ion Ratio Lower Upper

75 100

110 10.9 19.1 57.3#

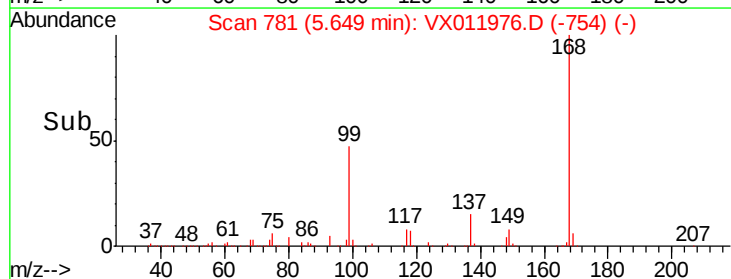
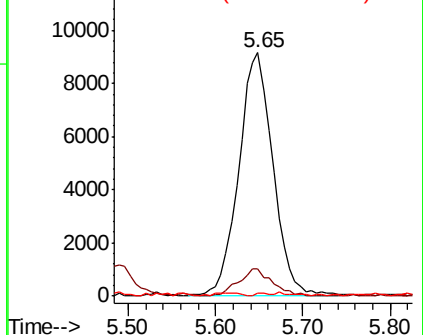
77 0.5 24.4 36.6#

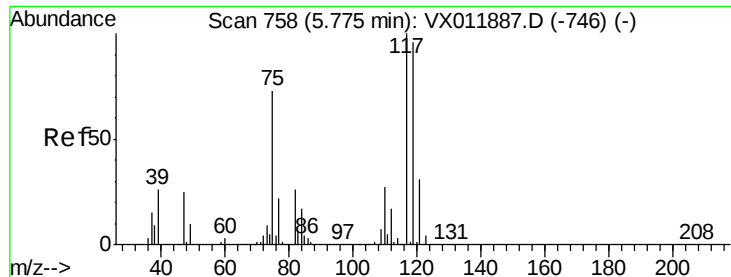


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

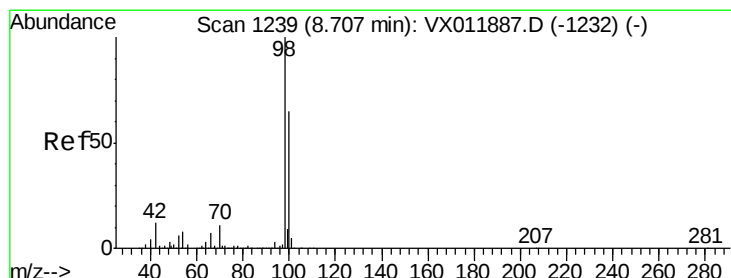
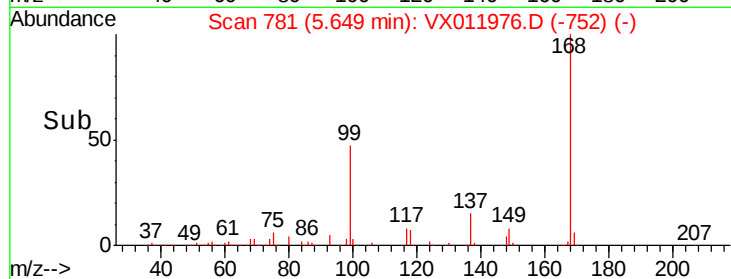
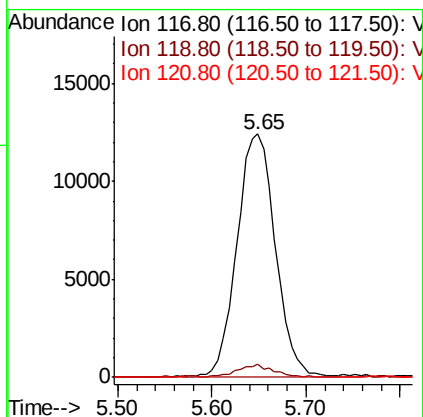
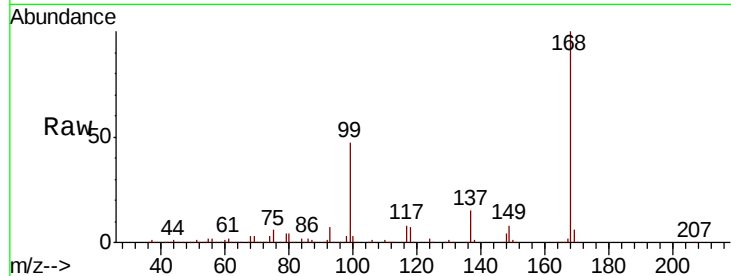




#38
Carbon Tetrachloride
Concen: 7.404 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

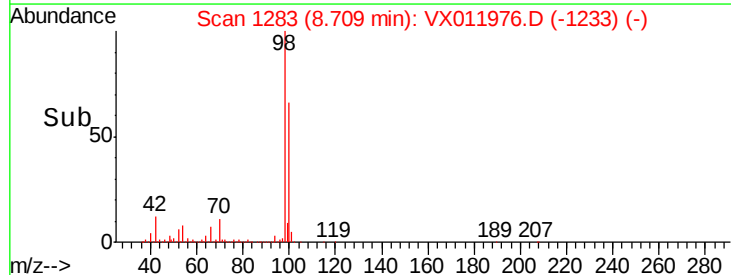
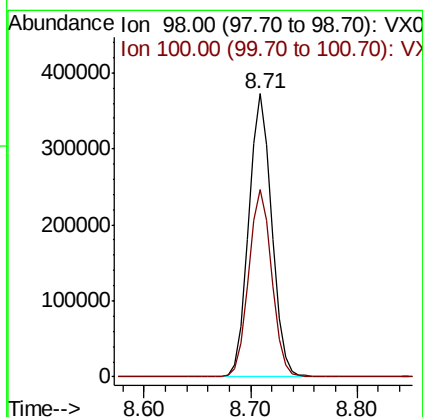
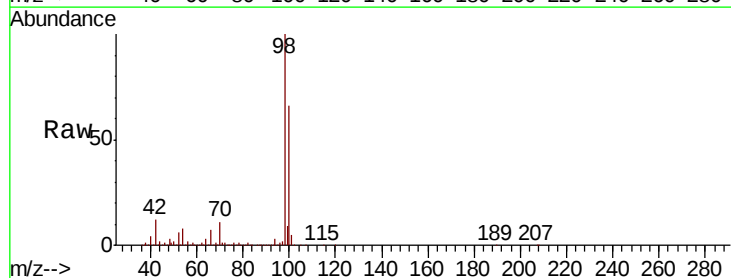
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T9-12-13-L-(0)

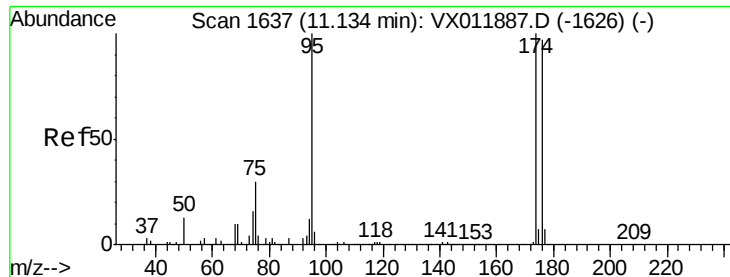
Tgt Ion:117 Resp: 35453
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.445 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

Tgt Ion: 98 Resp: 566791
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 31.077 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011976.D

Acq: 01 Sep 2019 04:01

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-L-(0)

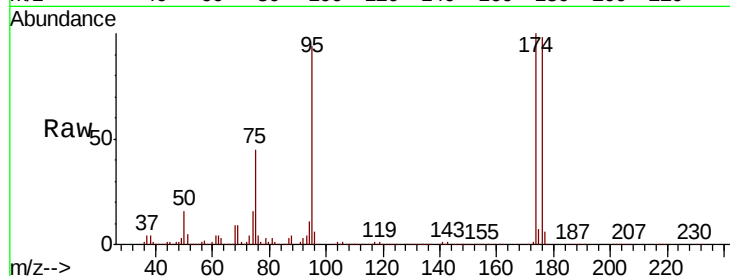
Tgt Ion: 95 Resp: 162857

Ion Ratio Lower Upper

95 100

174 100.8 0.0 196.0

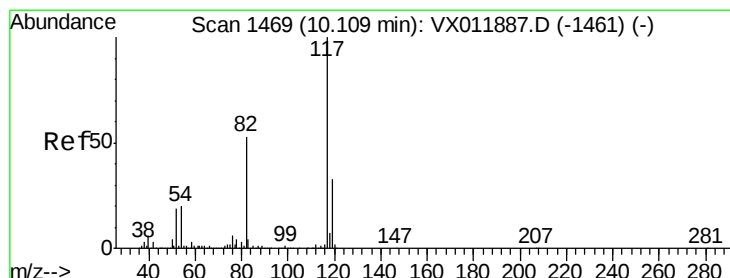
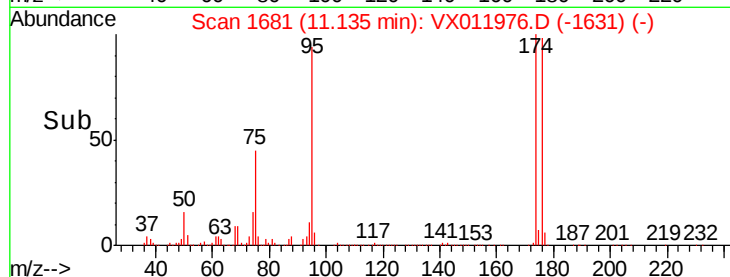
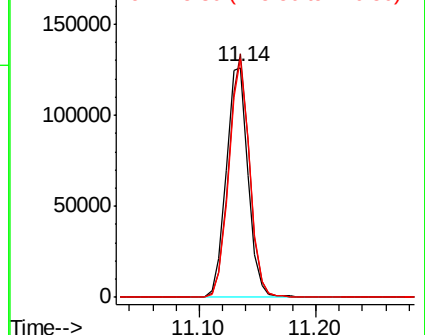
176 99.5 0.0 191.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011976.D

Acq: 01 Sep 2019 04:01

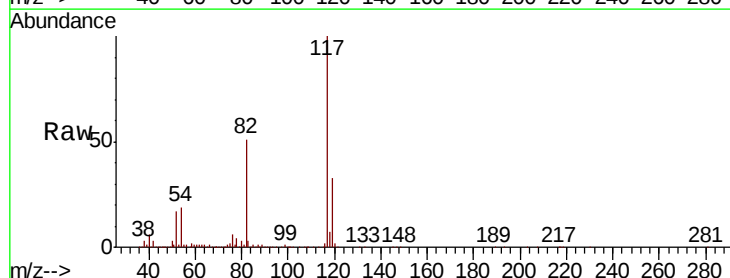
Tgt Ion: 117 Resp: 398748

Ion Ratio Lower Upper

117 100

82 51.2 42.0 63.0

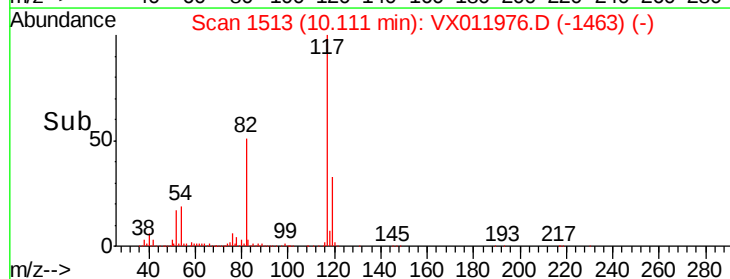
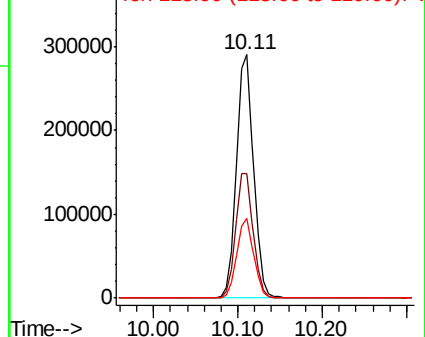
119 32.6 26.2 39.4

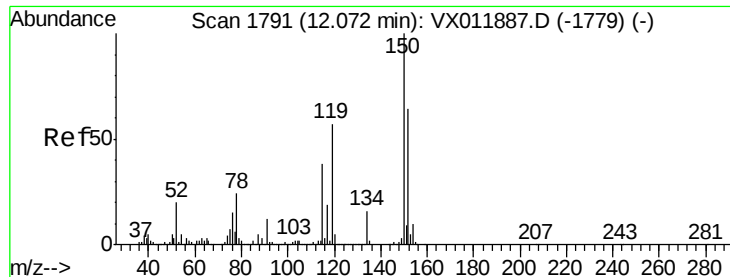


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



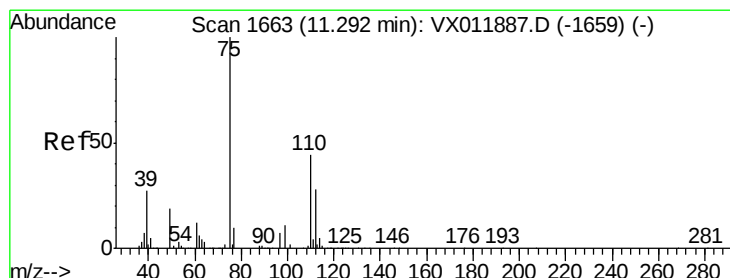
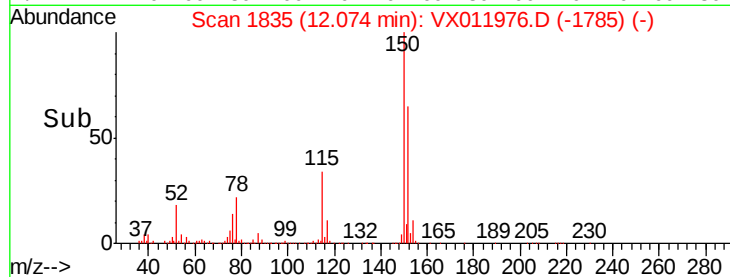
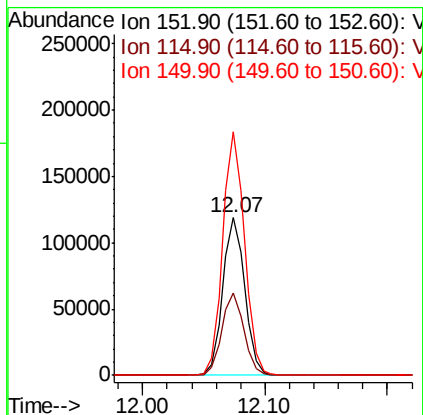
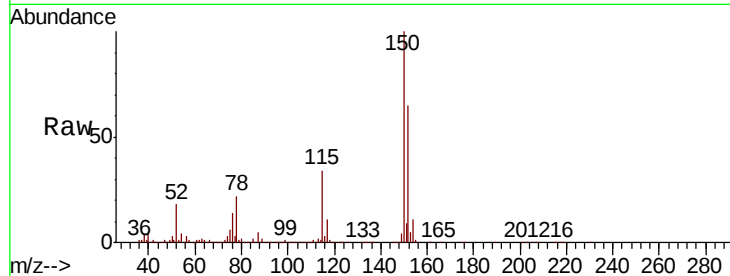


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

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

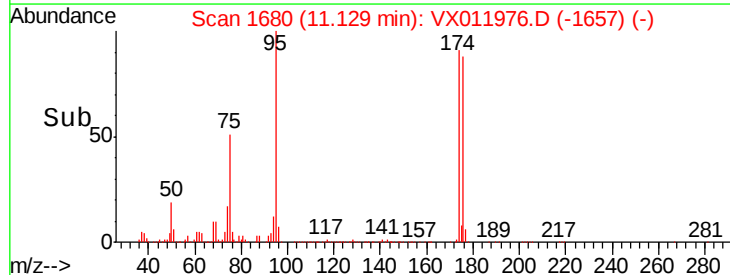
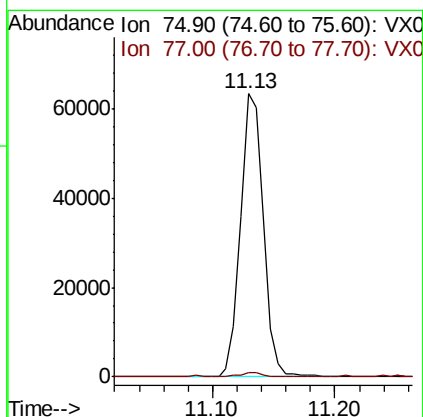
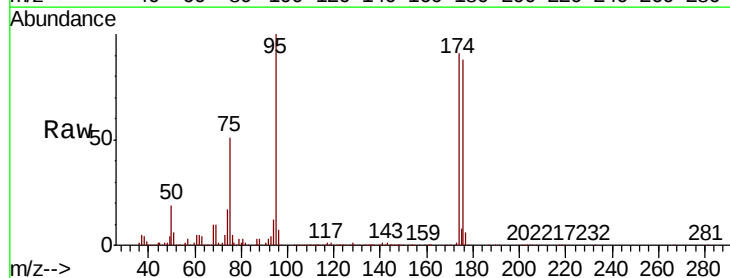
Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.1	111.3
150	153.2	0.0	339.6

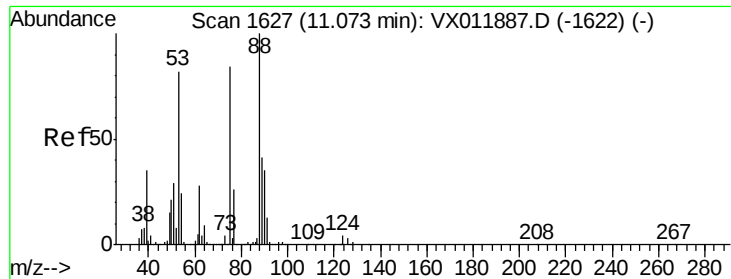


#76

1,2,3-Trichloropropane
Concen: 55.992 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011976.D
Acq: 01 Sep 2019 04:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.9	62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.663 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX011976.D
 Acq: 01 Sep 2019 04:01

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

Tgt Ion: 75 Resp: 81422
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.1 115.7#
 89 0.0 38.2 57.2#

