

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019280.D
 Acq On : 04 Nov 2020 19:41
 Operator : JC/MD
 Sample : L4616-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 02:25:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

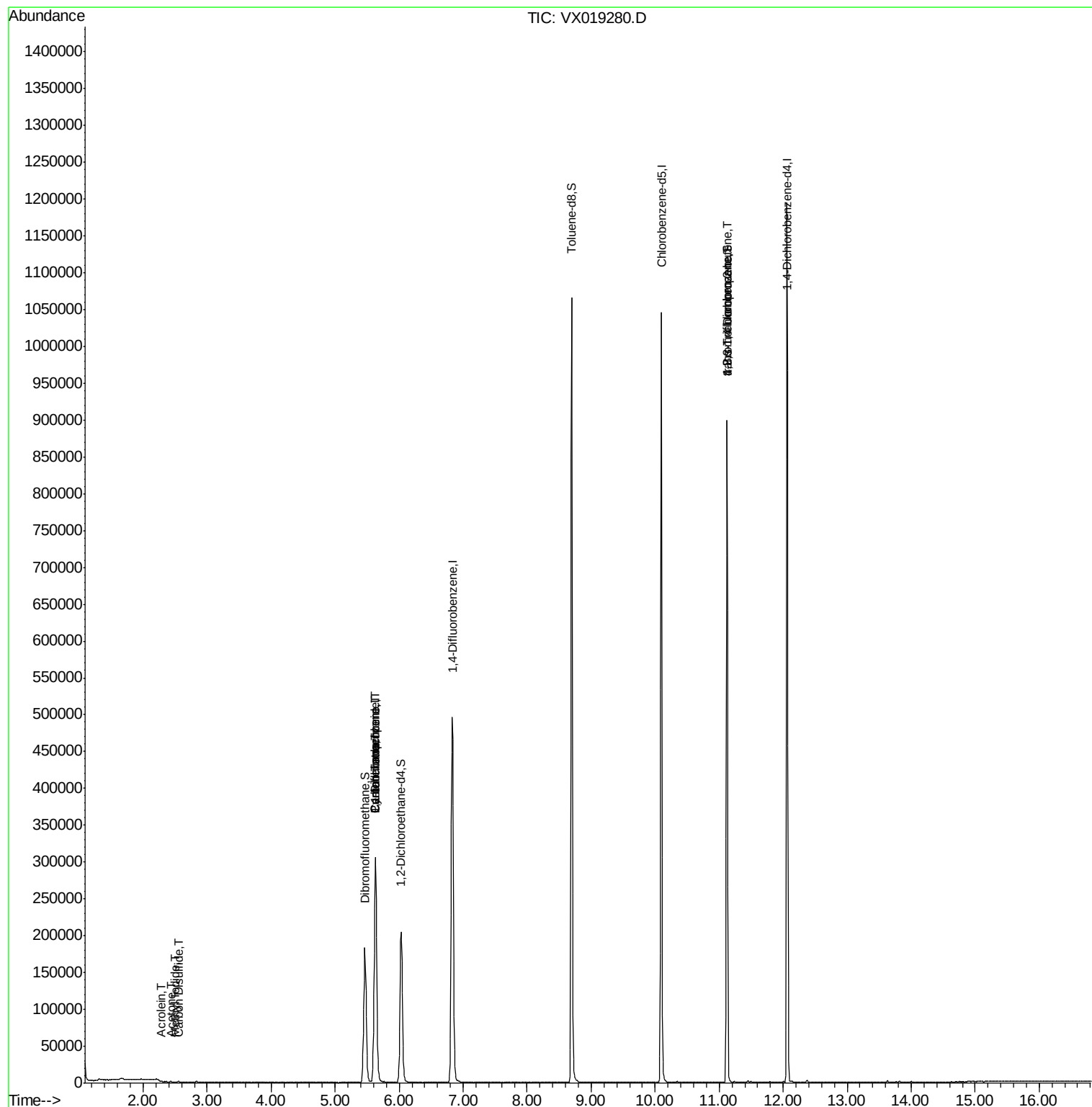
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	198580	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	5.46	113	157072	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.70	98	627382	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.12	95	237548	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.50	142	327	6.470	ug/l #	67
13) Acrolein	2.28	56	20	5.709	ug/l #	1
16) Acetone	2.43	43	1039	0.829	ug/l #	85
17) Carbon Disulfide	2.56	76	1161	0.907	ug/l #	89
31) Cyclohexane	5.63	56	6669	1.453	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	23866	5.113	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29750	6.253	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	122205	24.862	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	122205	65.461	ug/l #	12

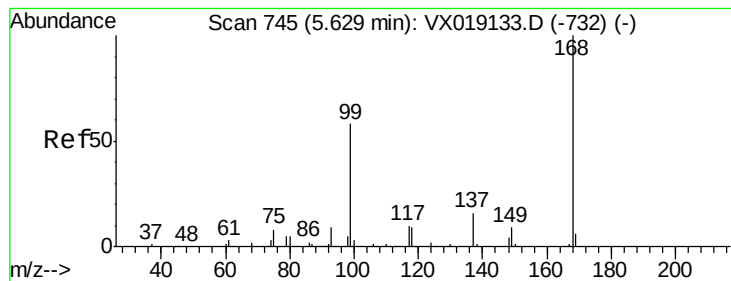
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

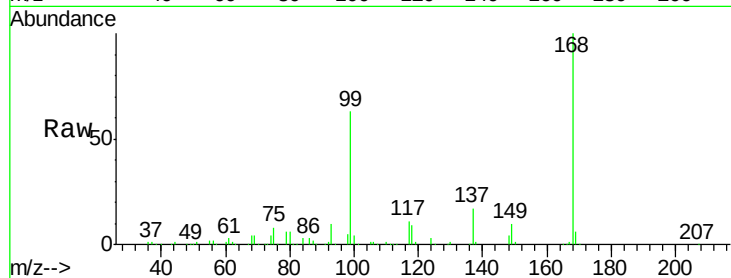
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 281644

Ion Ratio Lower Upper

168 100

99 62.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

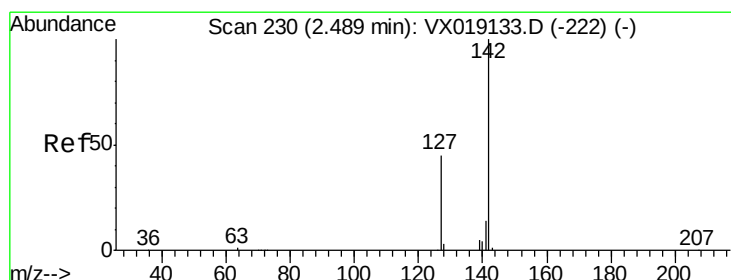
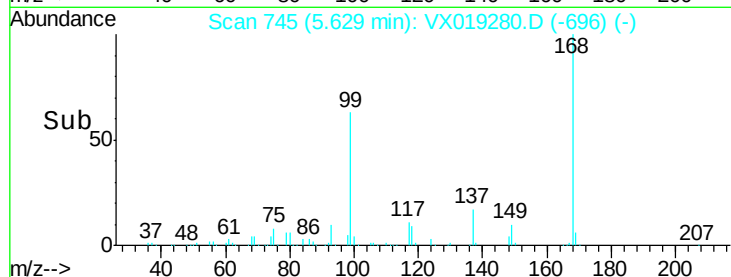
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.470 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

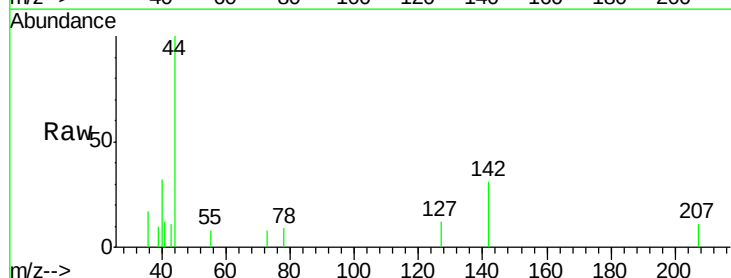
Tgt Ion:142 Resp: 327

Ion Ratio Lower Upper

142 100

127 24.2 36.1 54.1#

141 0.0 11.3 16.9#



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

250

200

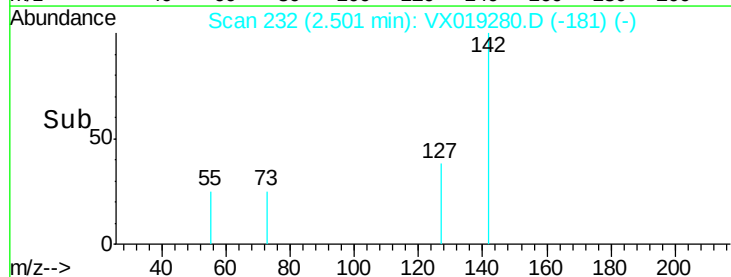
150

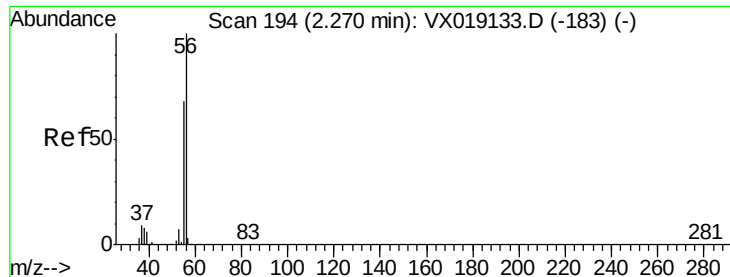
100

50

0

Time-->





#13

Acrolein

Concen: 5.709 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

Instrument :

MSVOA_X

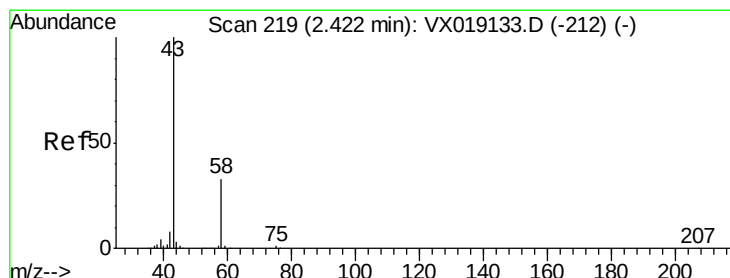
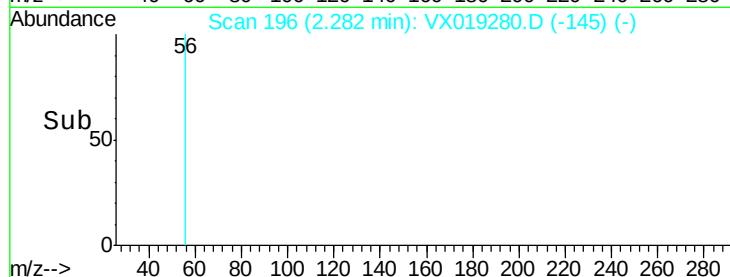
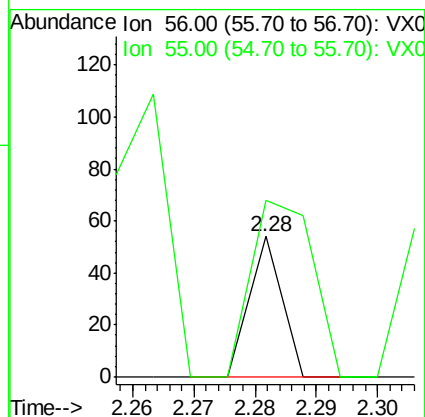
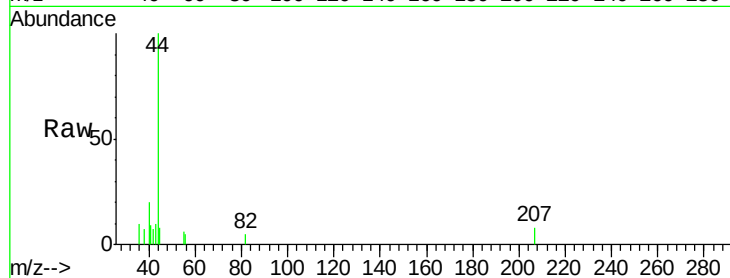
ClientSampled :

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 240.0 54.7 82.1#



#16

Acetone

Concen: 0.829 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019280.D

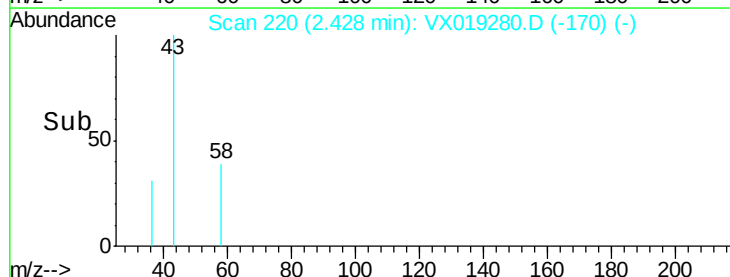
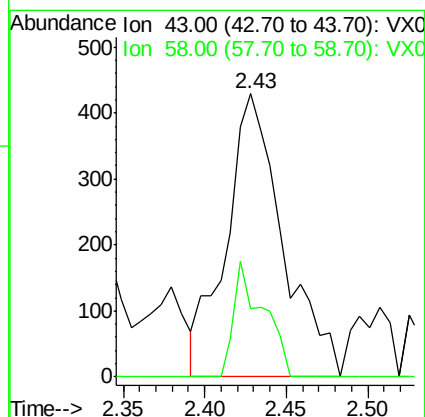
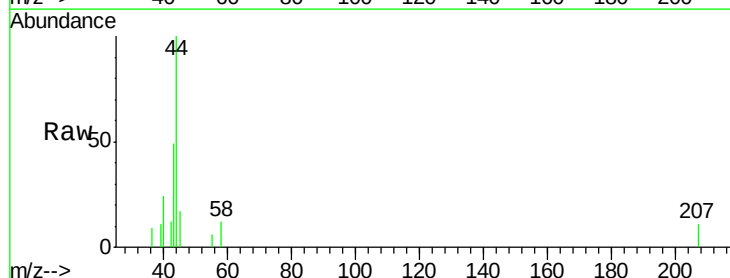
Acq: 04 Nov 2020 19:41

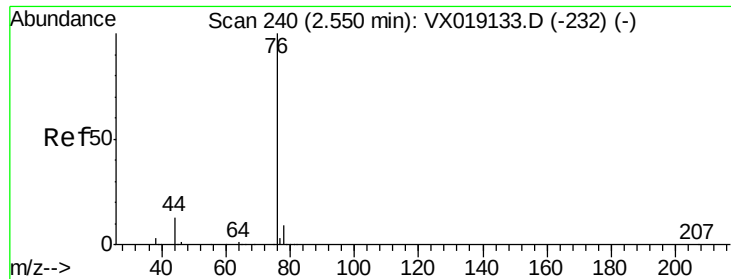
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

58 24.2 26.3 39.5#





#17

Carbon Disulfide

Concen: 0.907 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

Instrument :

MSVOA_X

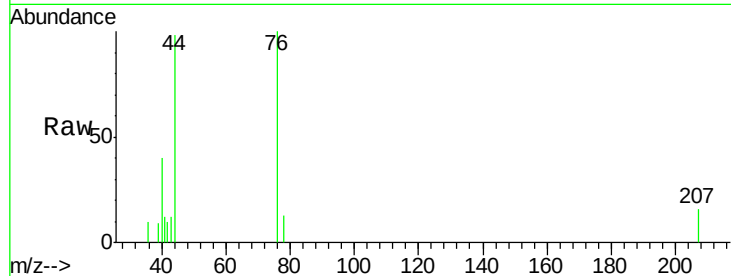
ClientSampleId :

Tot Ion: 76 Resp: 1161

Ion Ratio Lower Upper

76 100

78 13.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800

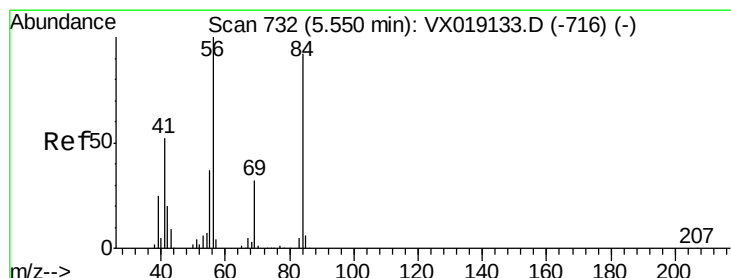
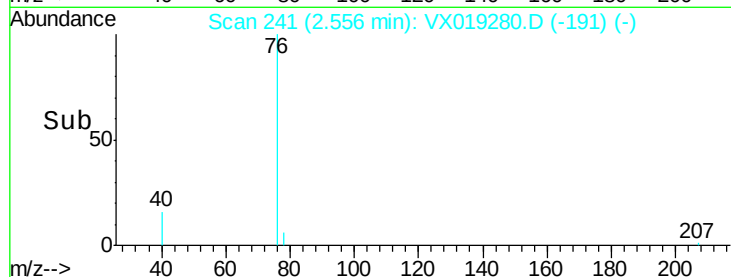
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.453 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.08 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

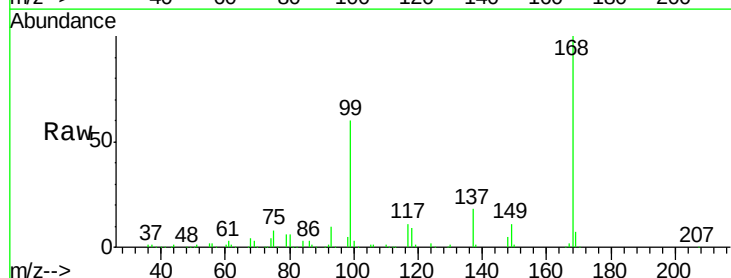
Tgt Ion: 56 Resp: 6669

Ion Ratio Lower Upper

56 100

69 149.8 25.9 38.9#

84 149.1 73.4 110.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5000

4000

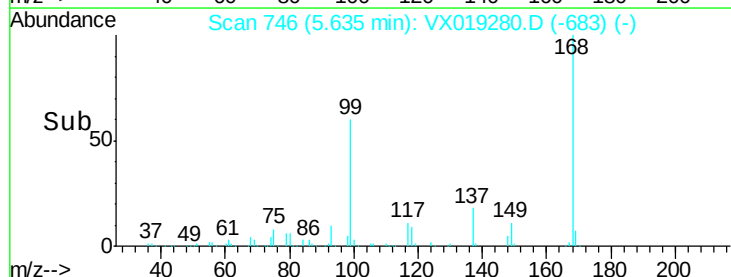
3000

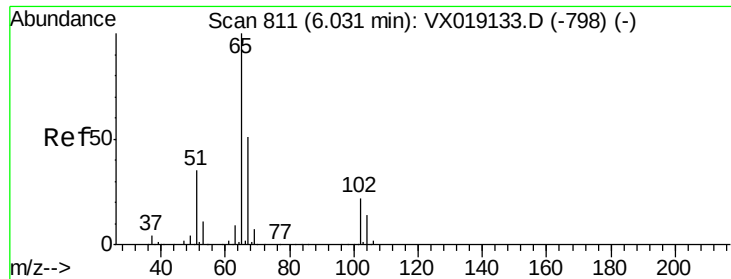
2000

1000

0

Time-->

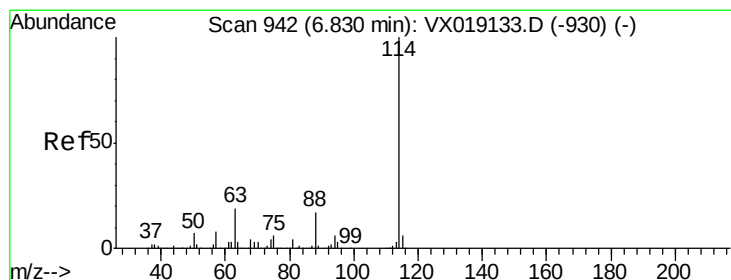
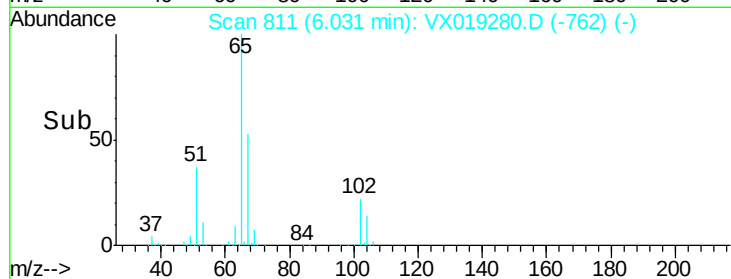
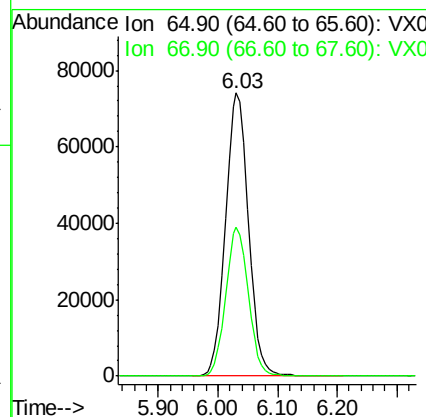
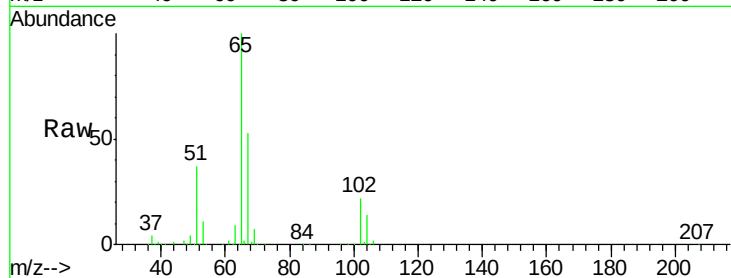




#33
 1,2-Dichloroethane-d4
 Concen: 54.673 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019280.D
 Acq: 04 Nov 2020 19:41

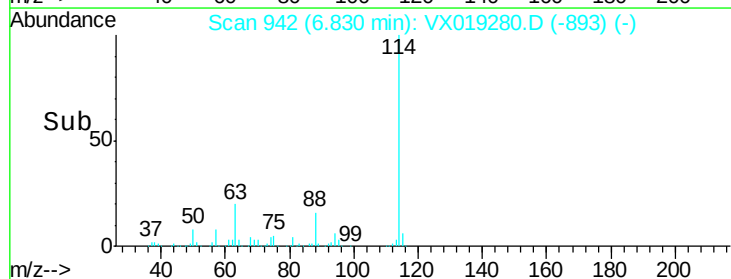
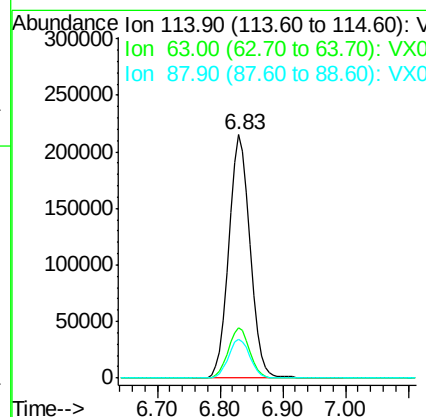
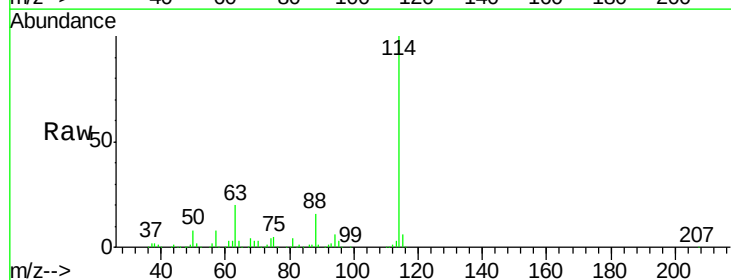
Instrument :
 MSVOA_X
 ClientSampleId :

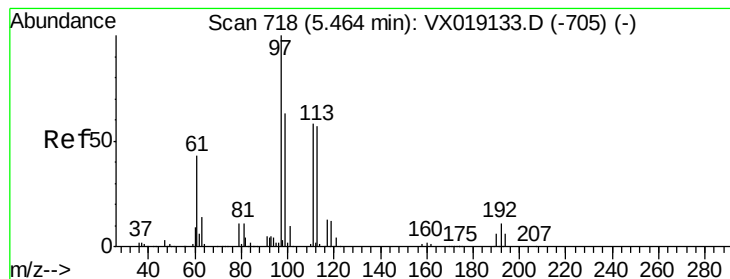
Tot Ion	65	Resp	198580
Ion Ratio	Lower	Upper	
65	100		
67	51.9	0.0	103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019280.D
 Acq: 04 Nov 2020 19:41

Tgt Ion	114	Resp	505508
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	38.8
88	16.0	0.0	34.2





#35

Dibromofluoromethane

Concen: 49.467 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

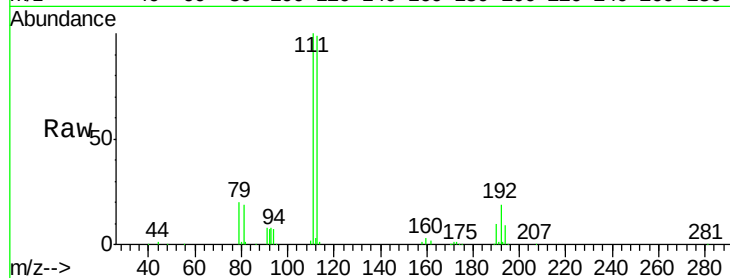
Tot Ion:113 Resp: 157072

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

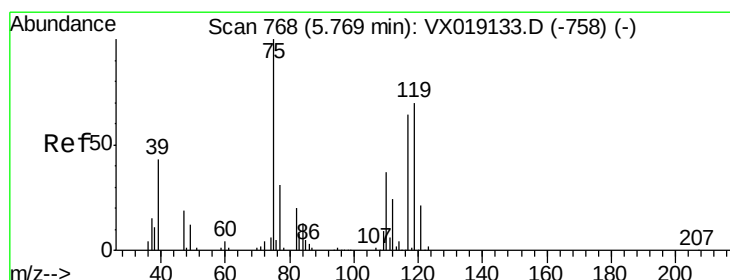
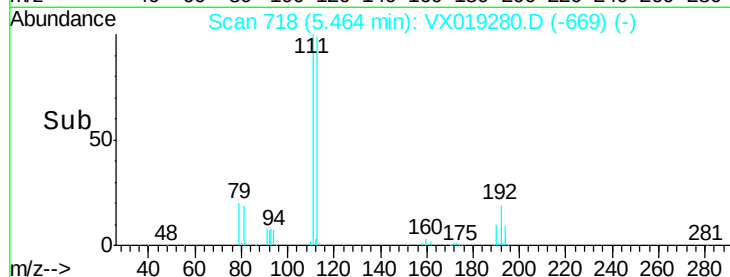
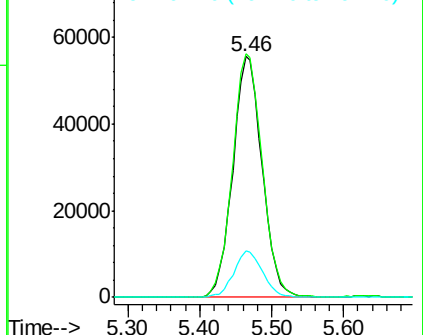
192 19.1 16.2 24.2



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: 5.113 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

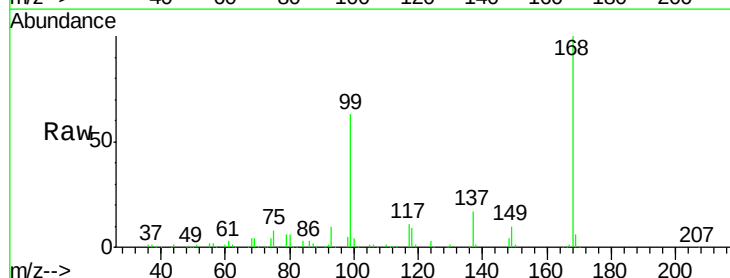
Tgt Ion: 75 Resp: 23866

Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.9#

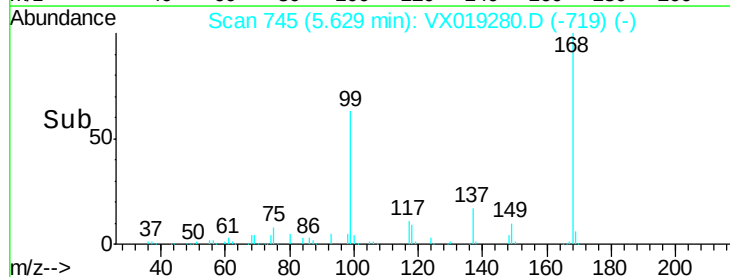
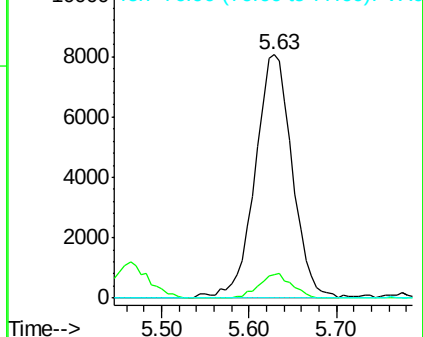
77 0.0 24.9 37.3#

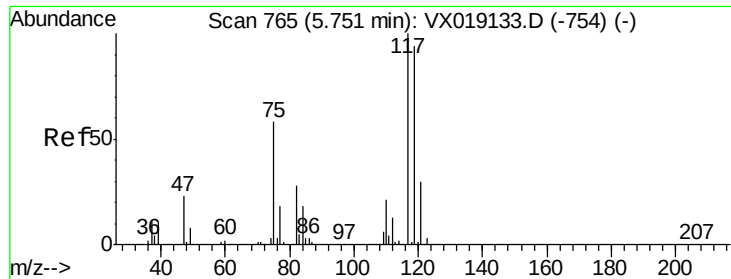


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

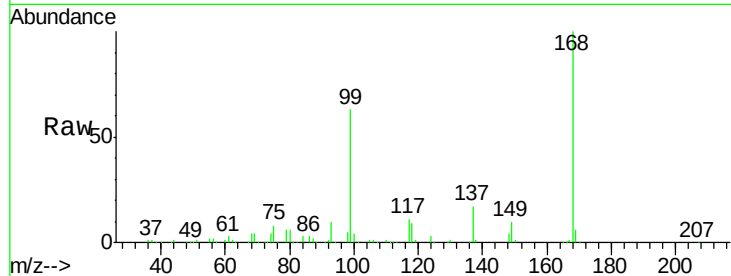




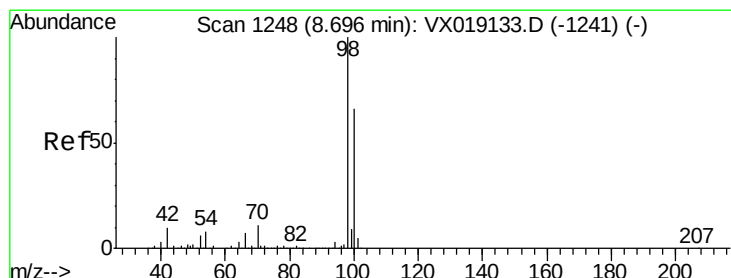
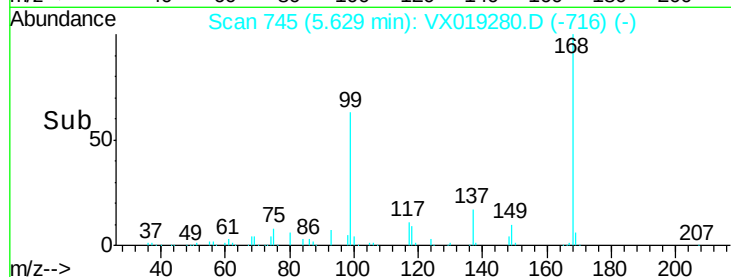
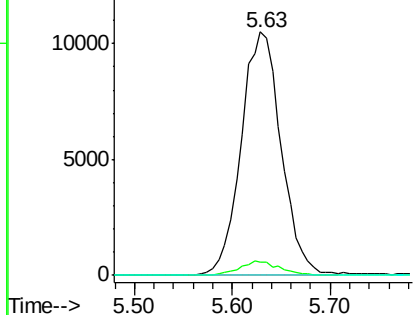
#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019280.D
Acq: 04 Nov 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 29750
Ion Ratio Lower Upper
117 100
119 5.7 75.0 112.6#
121 0.0 23.9 35.9#

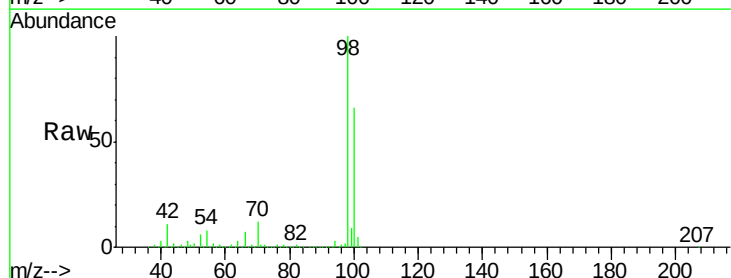


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

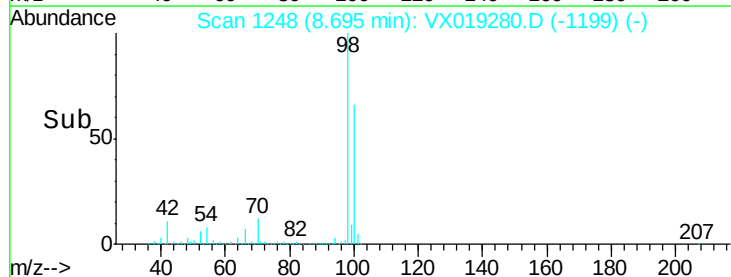
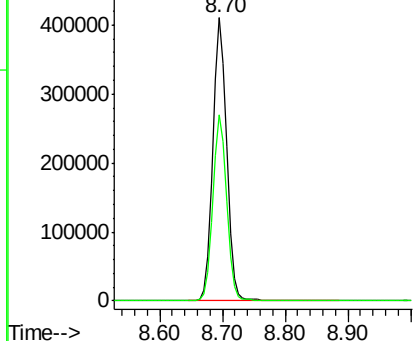


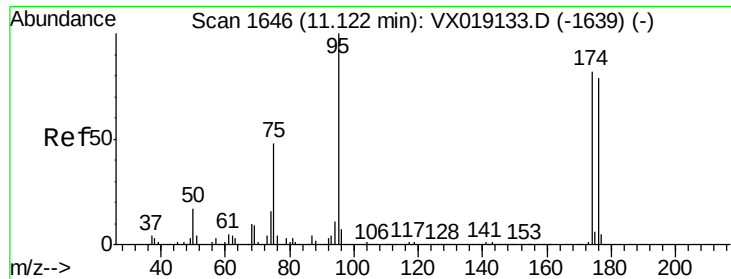
#50
Toluene-d8
Concen: 52.414 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019280.D
Acq: 04 Nov 2020 19:41

Tgt Ion: 98 Resp: 627382
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

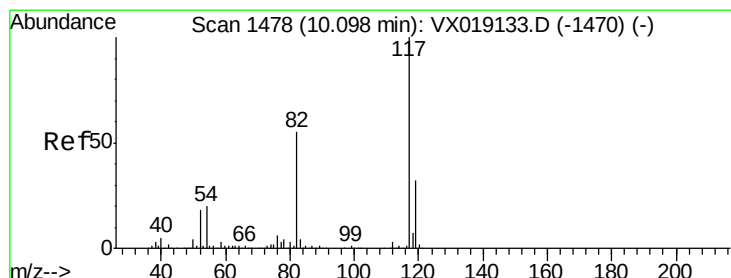
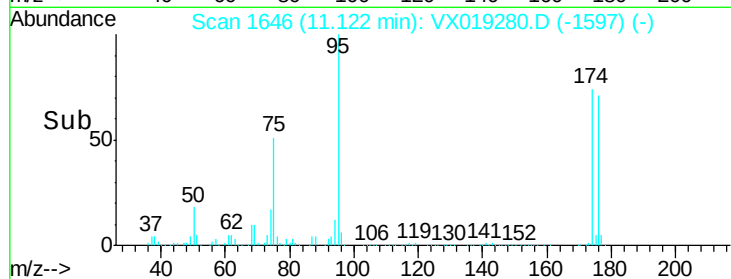
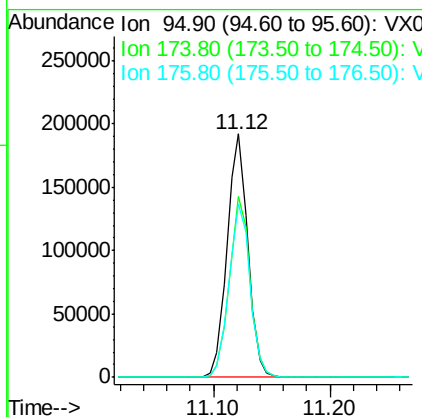
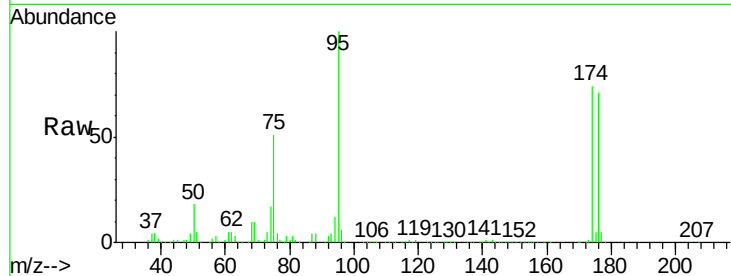




#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019280.D
Acq: 04 Nov 2020 19:41

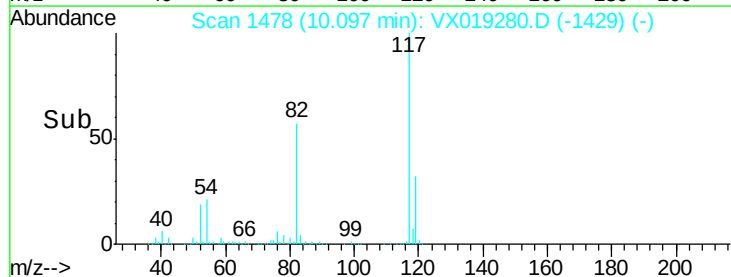
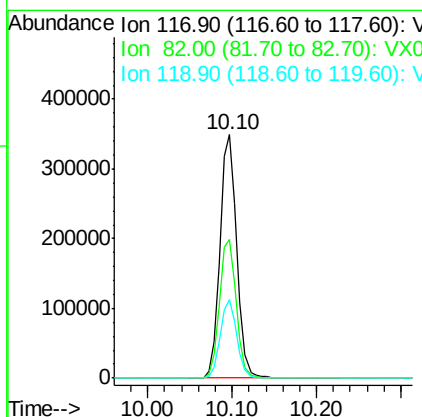
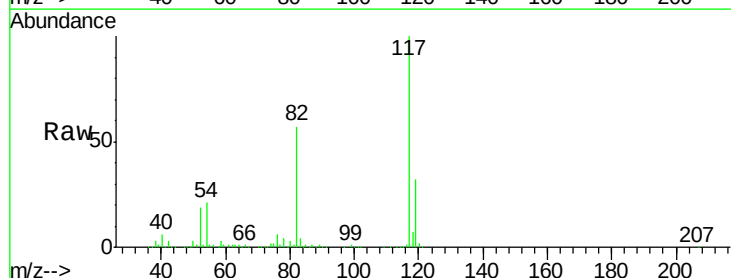
Instrument :
MSVOA_X
ClientSampleId :

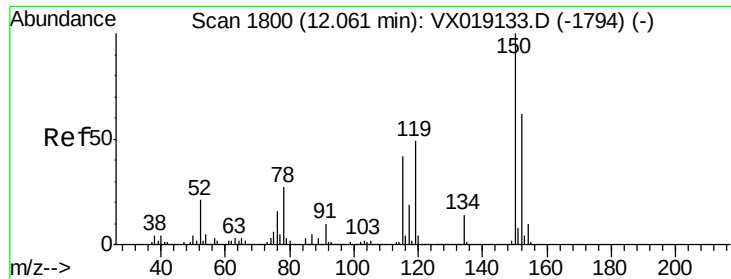
Tot Ion: 95 Resp: 237548
Ion Ratio Lower Upper
95 100
174 74.6 0.0 156.0
176 72.5 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019280.D
Acq: 04 Nov 2020 19:41

Tgt Ion: 117 Resp: 478731
Ion Ratio Lower Upper
117 100
82 57.0 43.6 65.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019280.D

Acq: 04 Nov 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

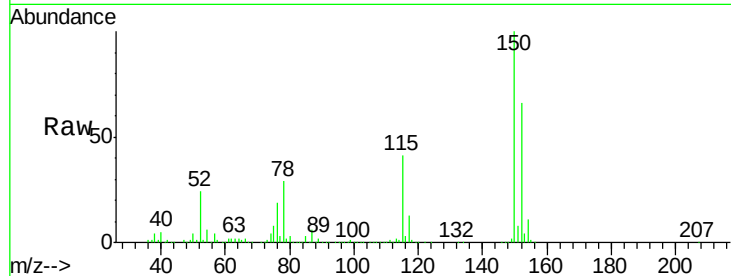
Tot Ion:152 Resp: 238057

Ion Ratio Lower Upper

152 100

115 61.4 41.9 125.7

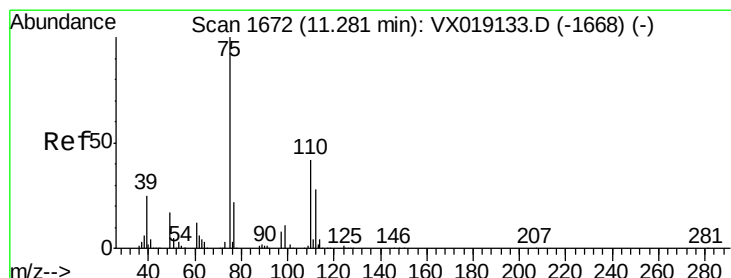
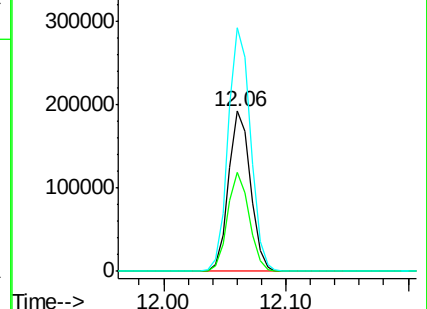
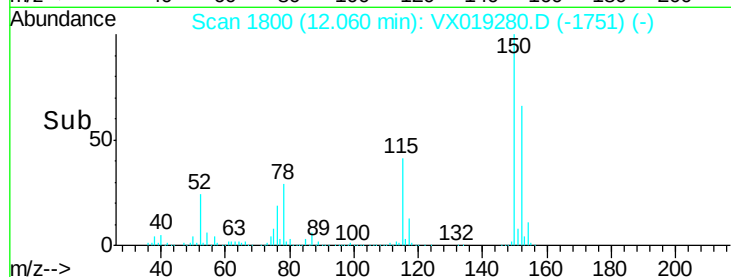
150 155.0 0.0 347.8



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: 24.862 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019280.D

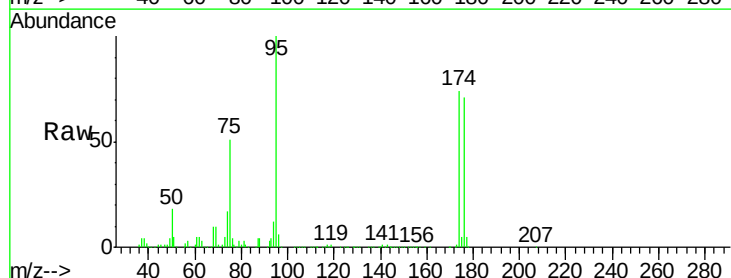
Acq: 04 Nov 2020 19:41

Tgt Ion: 75 Resp: 122205

Ion Ratio Lower Upper

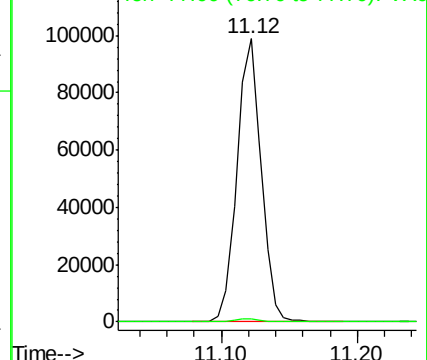
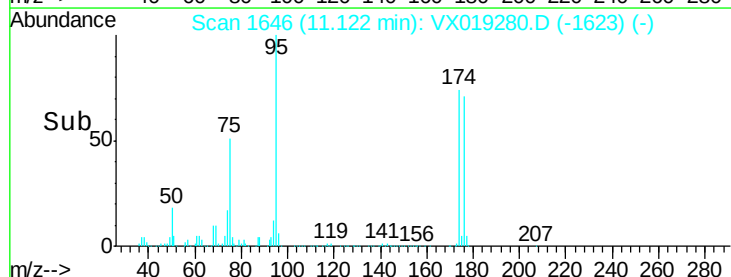
75 100

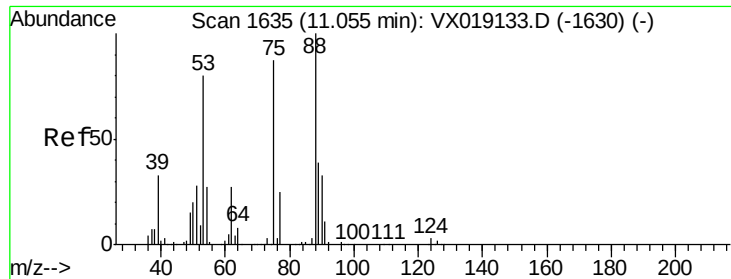
77 1.1 20.3 60.9#



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: 65.461 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019280.D
 Acq: 04 Nov 2020 19:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 122205
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 38.2 57.2#

