

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014771.D
 Acq On : 09 Mar 2020 13:03
 Operator : SY/MD
 Sample : L1834-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK6

Quant Time: Mar 10 14:47:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384214	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	374660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192557	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123550	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.04%
7) Chloroethane-d5	1.58	69	100571	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.86%
11) 1,1-Dichloroethene-d2	2.12	63	155379	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	3.93	46	195314	100.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	4.38	84	230874	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.06	65	170453	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.08	84	518330	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.10	67	161582	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.34	98	493922	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.64	79	81908	51.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.32%
47) 2-Hexanone-d5	8.12	63	152443	104.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	225541	50.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	199388	52.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.48%

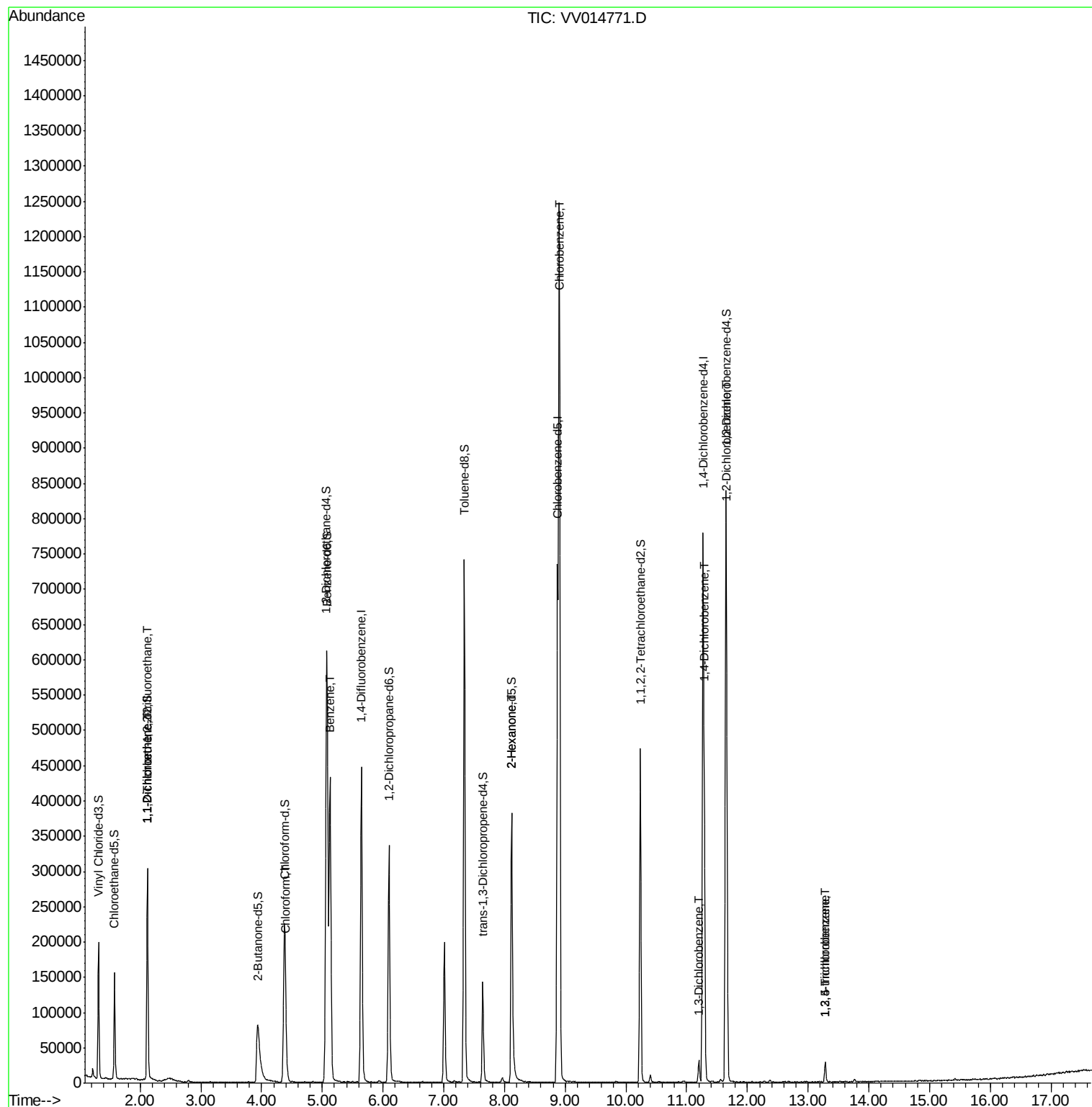
Target Compounds

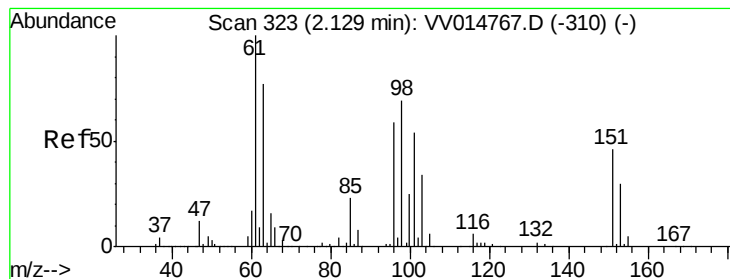
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1538	0.72	ug/L	#

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QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.72 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014771.D

Acq: 09 Mar 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0DK6

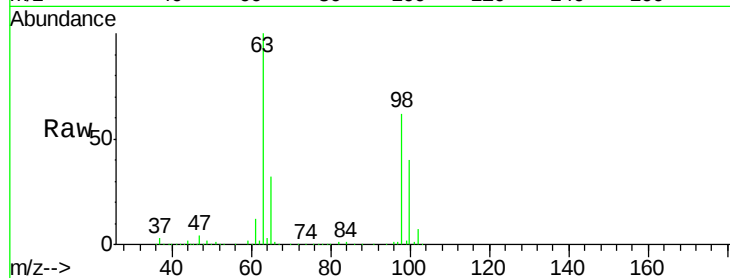
Tgt Ion: 101 Resp: 1538

Ion Ratio Lower Upper

101 100

85 4.2 35.0 52.6#

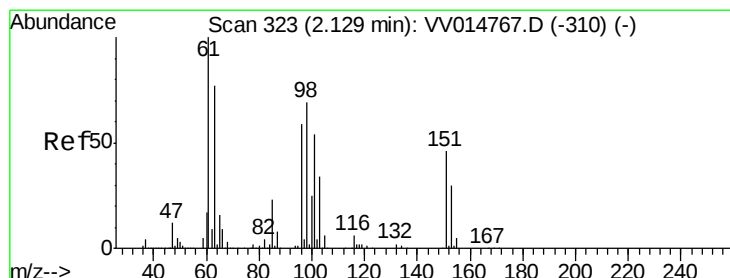
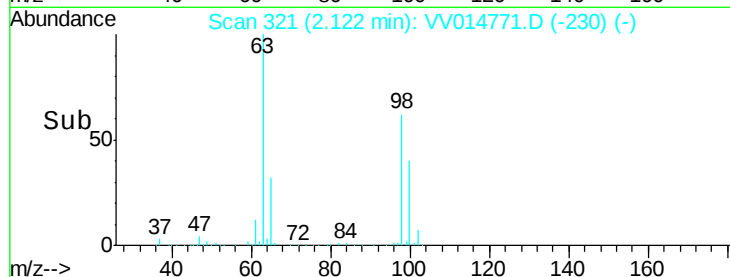
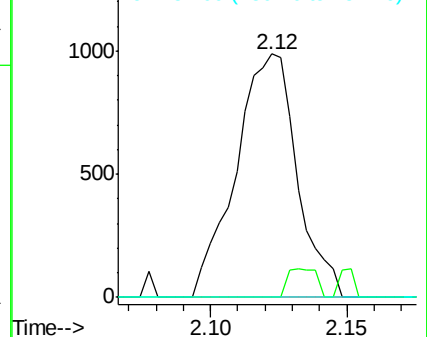
151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.73 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014771.D

Acq: 09 Mar 2020 13:03

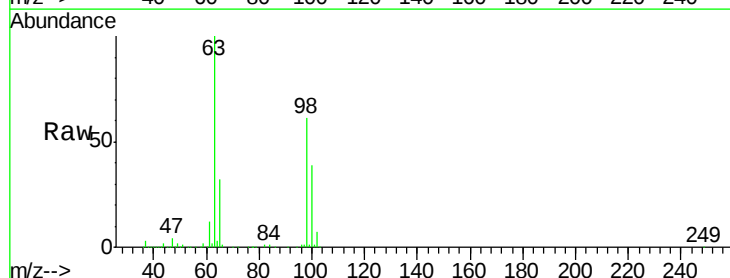
Tgt Ion: 96 Resp: 1528

Ion Ratio Lower Upper

96 100

61 1303.5 118.4 220.0#

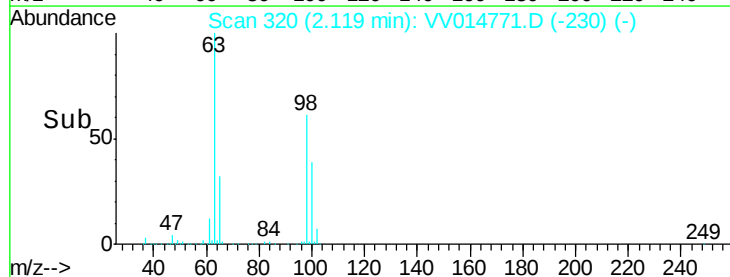
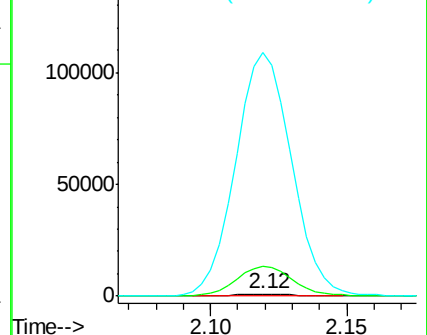
63 10757.0 88.4 164.2#

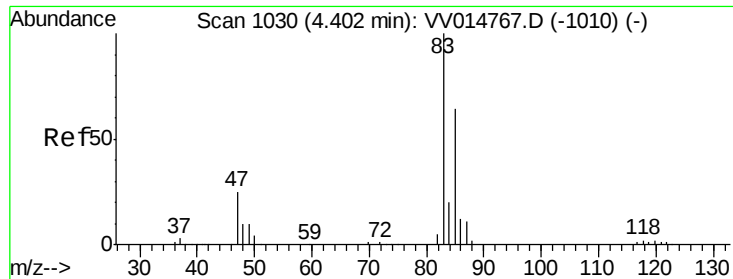


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

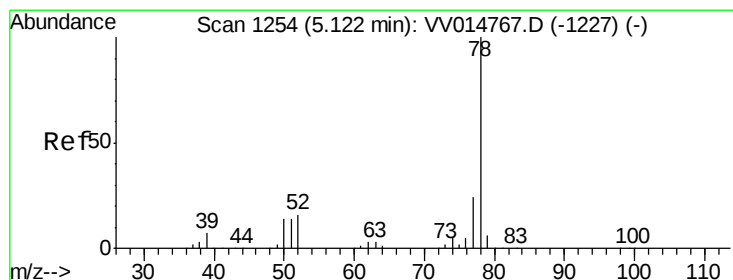
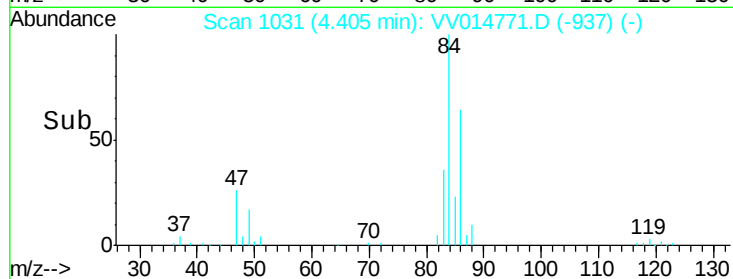
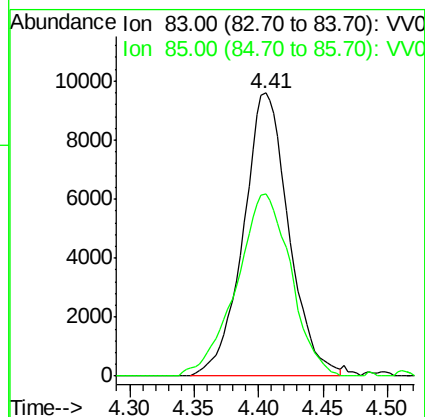
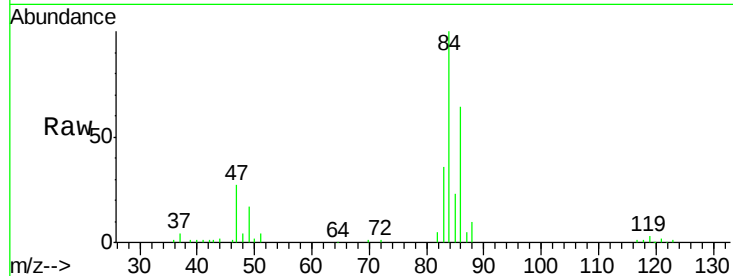




#25
Chloroform
Concen: 4.53 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014771.D
Acq: 09 Mar 2020 13:03

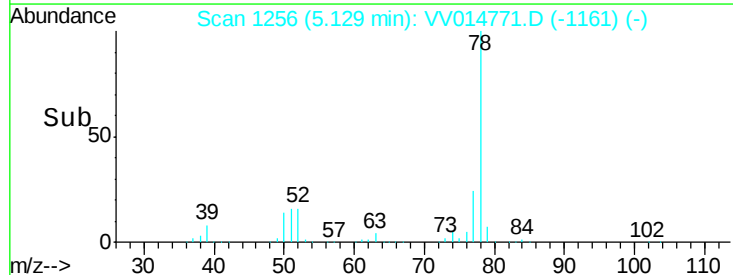
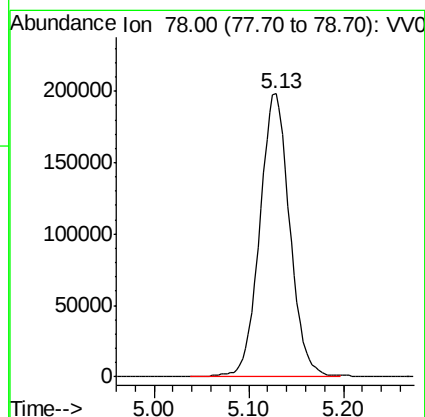
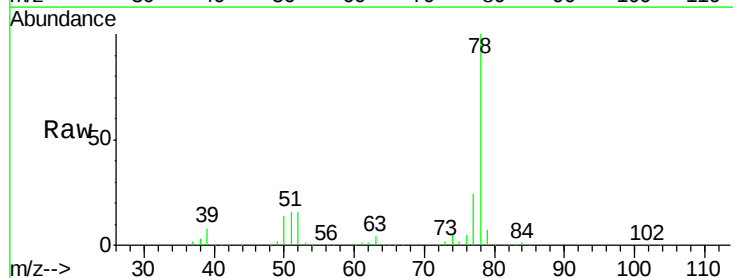
Instrument :
MSVOA_V
ClientSampled :
C0DK6

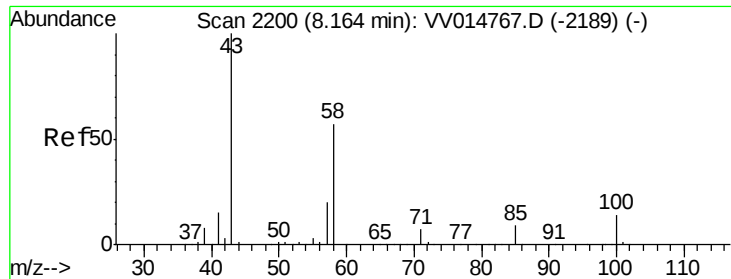
Tgt Ion: 83 Resp: 23631
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.9



#33
Benzene
Concen: 40.20 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV014771.D
Acq: 09 Mar 2020 13:03

Tgt Ion: 78 Resp: 436292

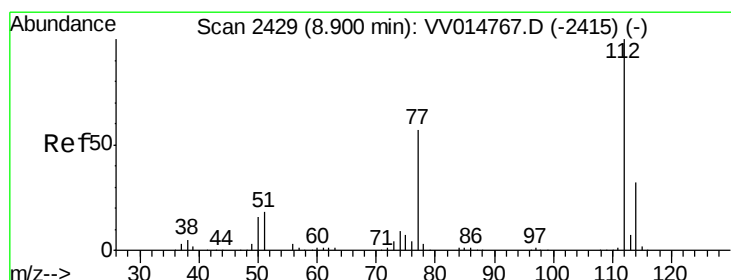
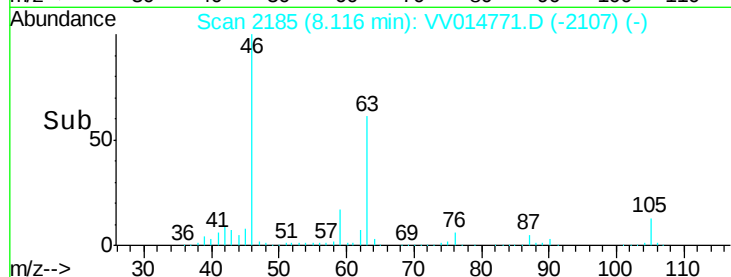
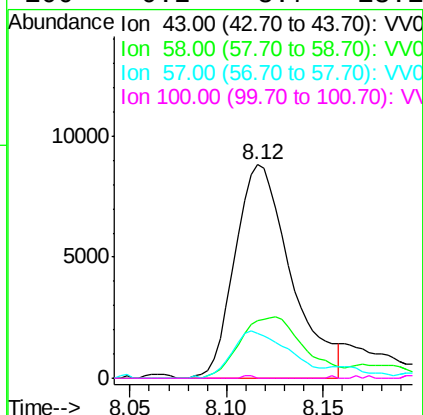
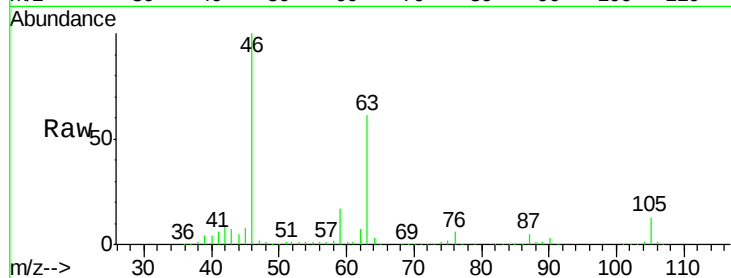




#48
2-Hexanone
Concen: 5.31 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014771.D
Acq: 09 Mar 2020 13:03

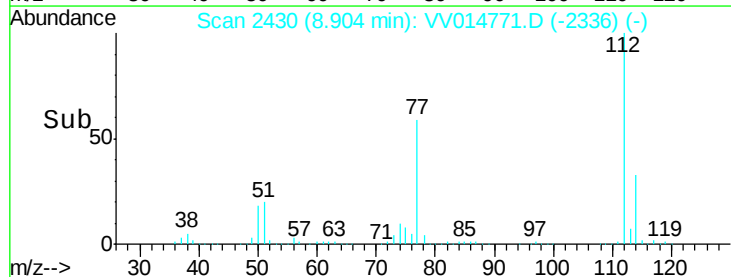
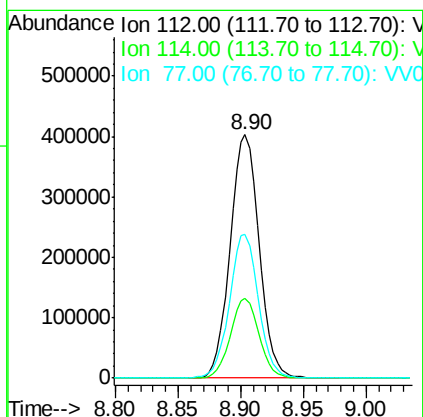
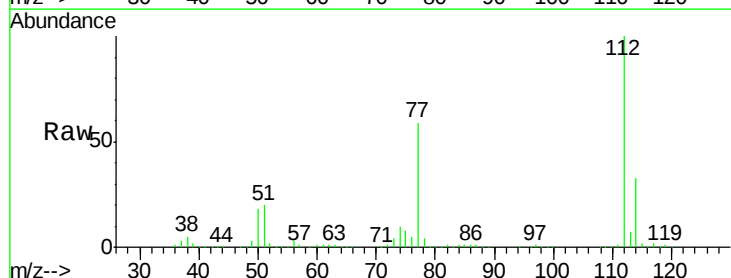
Instrument :
MSVOA_V
ClientSampleId :
C0DK6

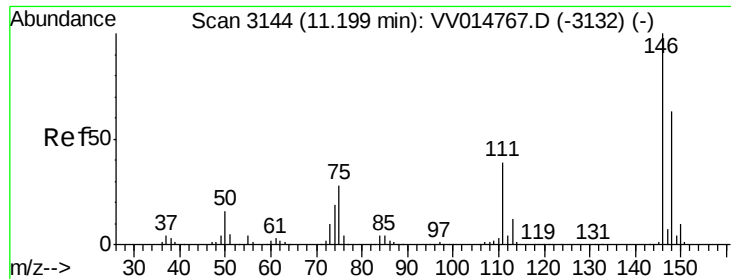
Tgt Ion: 43 Resp: 17753
Ion Ratio Lower Upper
43 100
58 33.1 43.3 64.9#
57 22.2 15.6 23.4
100 0.2 8.7 13.1#



#51
Chlorobenzene
Concen: 84.08 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014771.D
Acq: 09 Mar 2020 13:03

Tgt Ion: 112 Resp: 647772
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 59.2 47.8 71.8

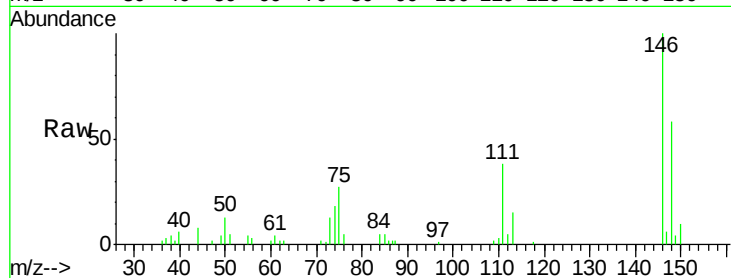




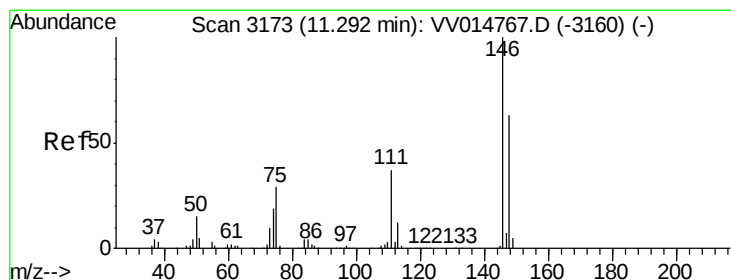
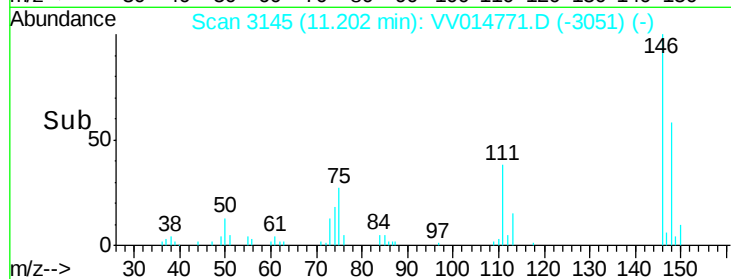
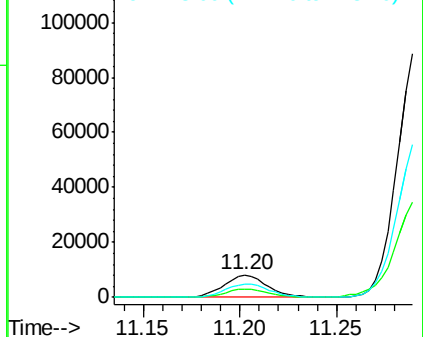
#62
 1,3-Dichlorobenzene
 Concen: 2.04 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV014771.D
 Acq: 09 Mar 2020 13:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK6

Tgt Ion:146 Resp: 12713
 Ion Ratio Lower Upper
 146 100
 111 37.8 27.2 50.4
 148 58.0 44.2 82.2

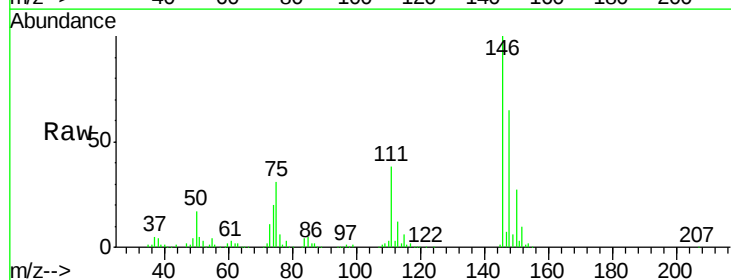


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

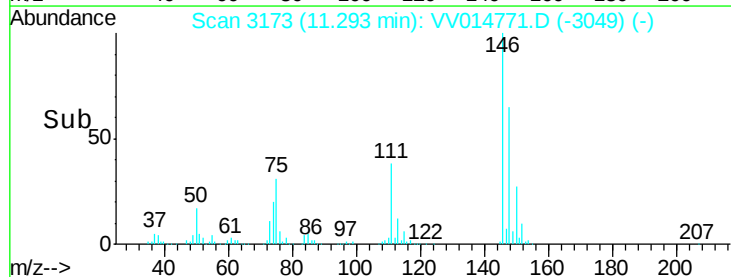
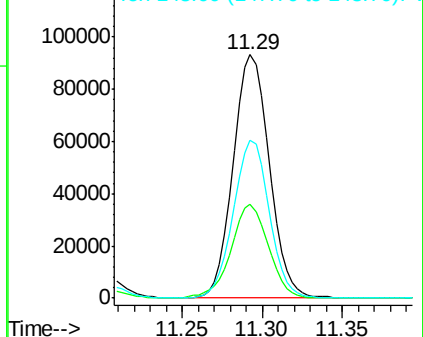


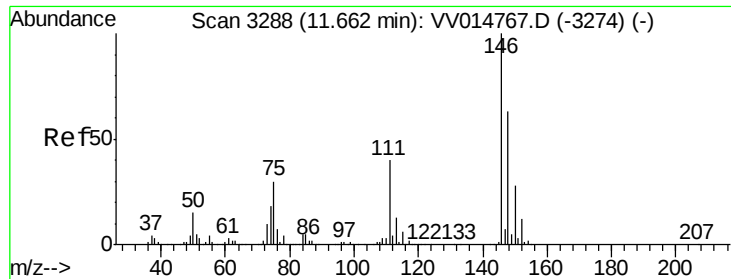
#63
 1,4-Dichlorobenzene
 Concen: 22.88 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014771.D
 Acq: 09 Mar 2020 13:03

Tgt Ion:146 Resp: 143542
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.3 48.9
 148 64.9 44.0 81.8



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 19.80 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV014771.D

Acq: 09 Mar 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0DK6

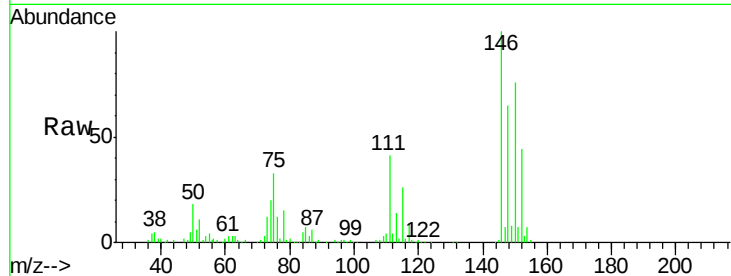
Tgt Ion:146 Resp: 122732

Ion Ratio Lower Upper

146 100

111 41.1 33.9 50.9

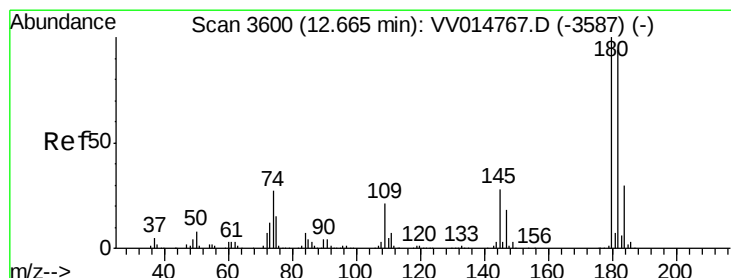
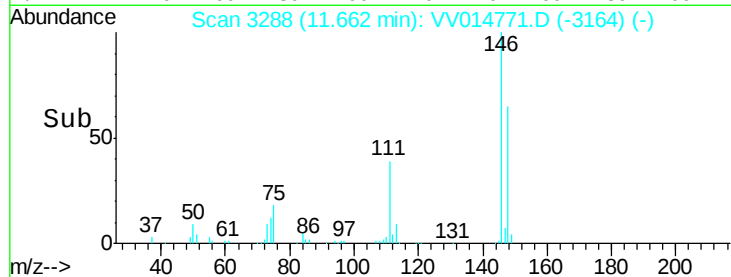
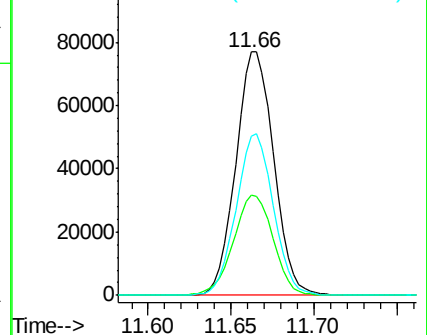
148 65.5 51.4 77.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 1.76 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.62 min

Lab File: VV014771.D

Acq: 09 Mar 2020 13:03

Tgt Ion:180 Resp: 8489

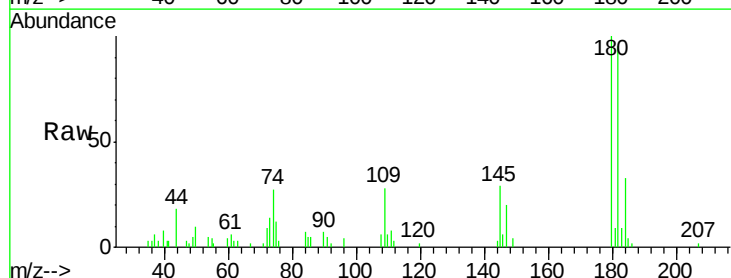
Ion Ratio Lower Upper

180 100

182 96.9 75.6 113.4

184 30.9 24.8 37.2

145 31.9 23.3 34.9

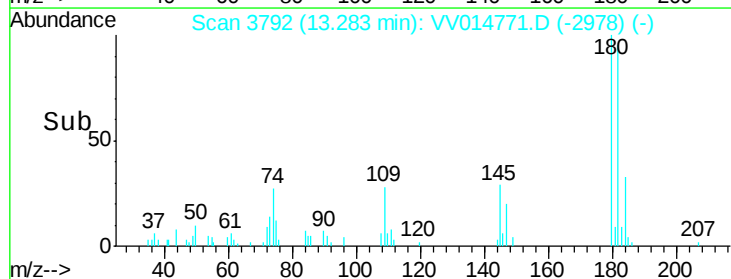
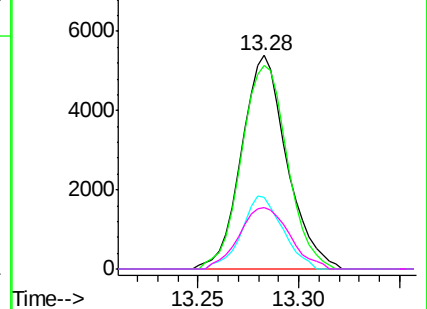


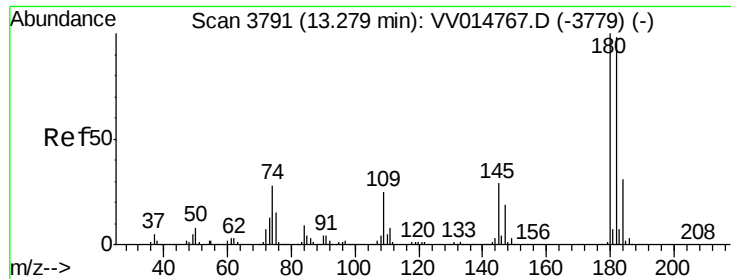
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

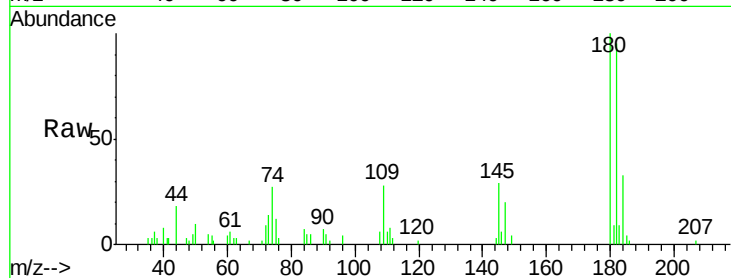




#68
 1,2,4-trichlorobenzene
 Concen: 1.92 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014771.D
 Acq: 09 Mar 2020 13:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK6

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	114.8
145	31.9	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

