

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037065.D
 Acq On : 05 Mar 2020 02:25
 Operator : JC/MD
 Sample : L1780-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

Quant Time: Mar 05 04:24:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 02:52:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	253199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94066	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.92	69	92346	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.38%
11) 1,1-Dichloroethene-d2	2.59	63	123427	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	4.67	46	154564	100.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.53%
24) Chloroform-d	5.10	84	165968	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.74	65	115548	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.76	84	360692	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.72	67	120979	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.92	98	322446	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%
43) trans-1,3-Dichloropropene-	8.20	79	50355	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
47) 2-Hexanone-d5	8.66	63	112206	96.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170379	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	93938	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

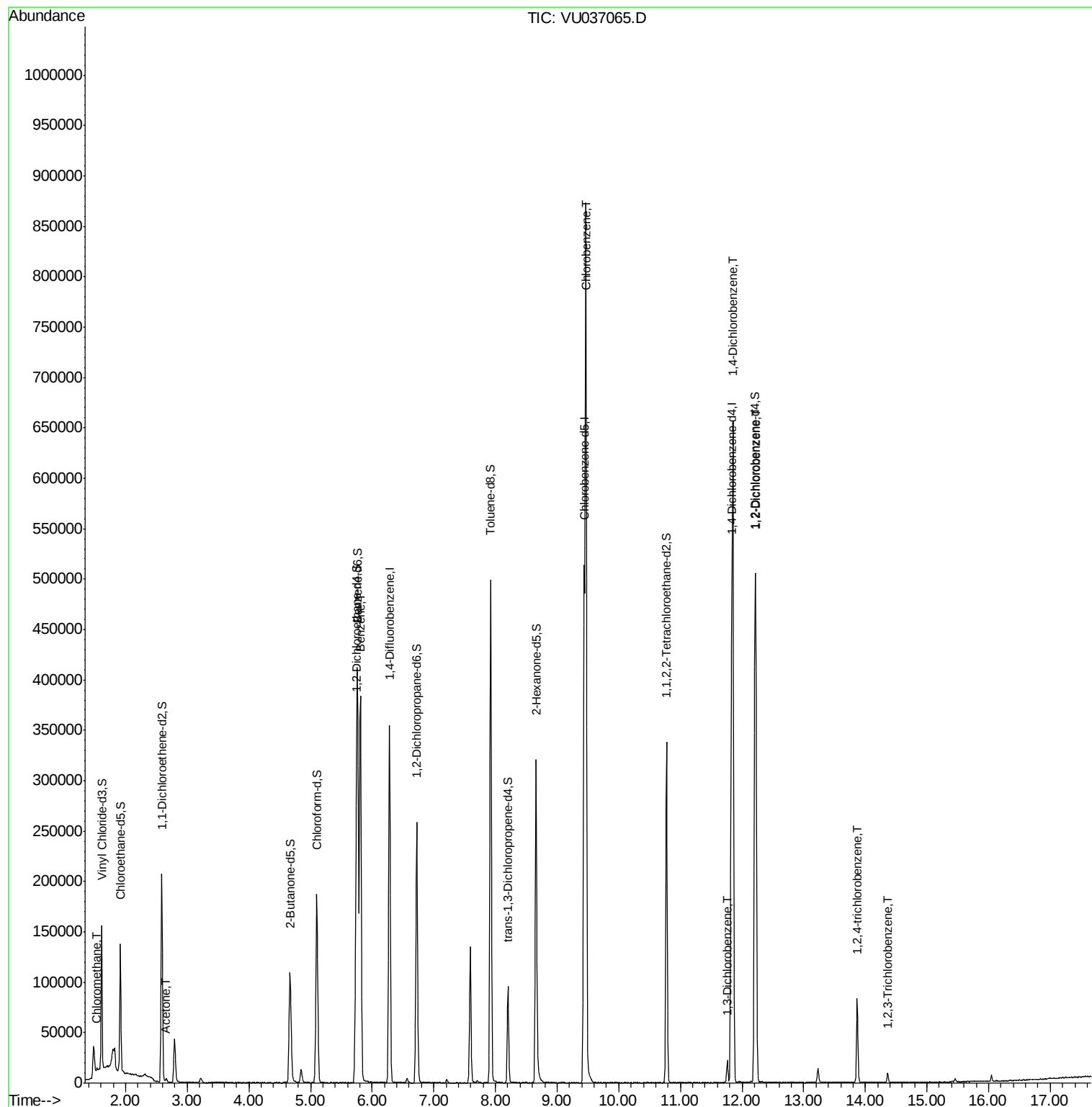
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2850	1.070	ug/L	94
13) Acetone	2.66	43	2846	1.800	ug/L	100
33) Benzene	5.81	78	358228	44.784	ug/L	100
51) Chlorobenzene	9.47	112	437126	86.569	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	8545	2.860	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	232847	78.884	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	135248	45.338	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	23962	16.865	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	2950	2.078	ug/L	94

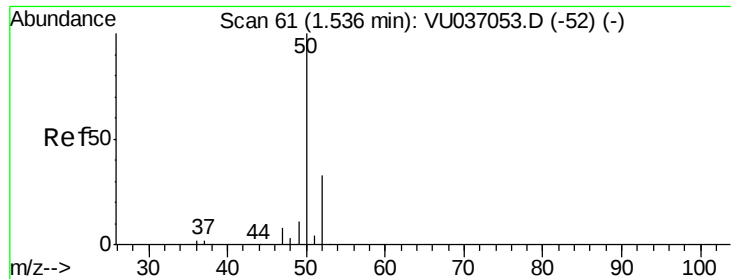
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037065.D
Acq On : 05 Mar 2020 02:25
Operator : JC/MD
Sample : L1780-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DH7

Quant Time: Mar 05 04:24:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

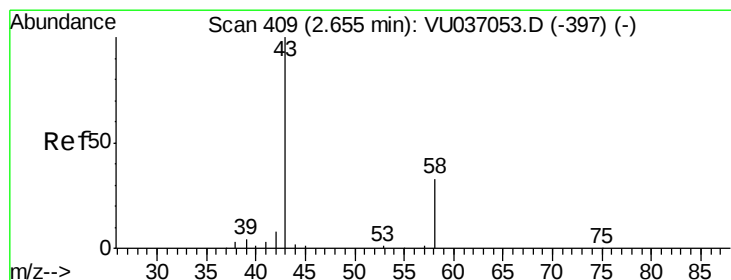
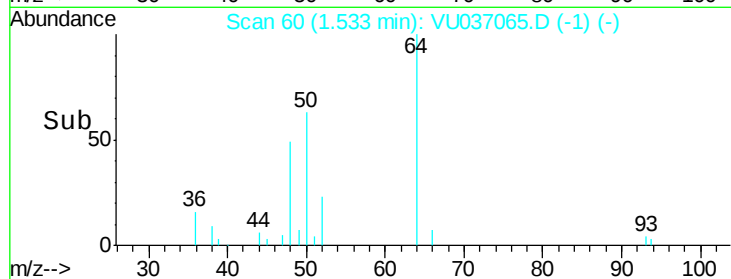
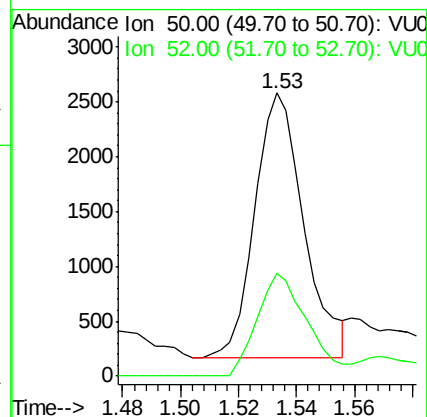
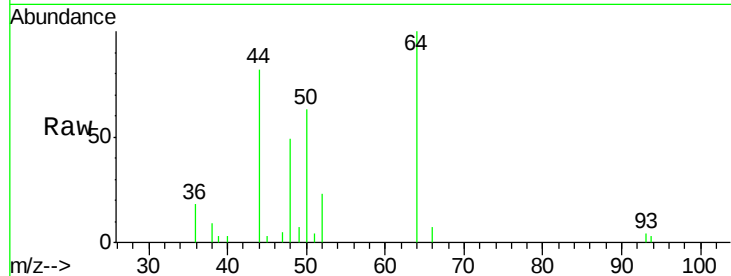




#3
Chloromethane
Concen: 1.070 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037065.D
Acq: 05 Mar 2020 02:25

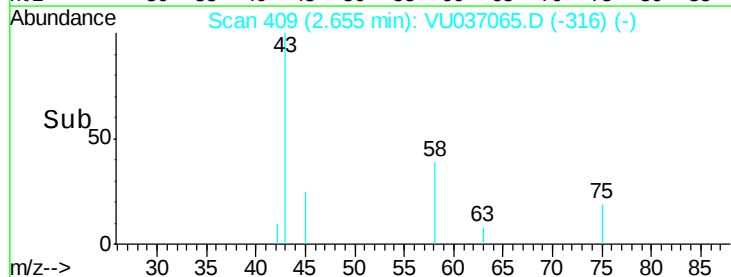
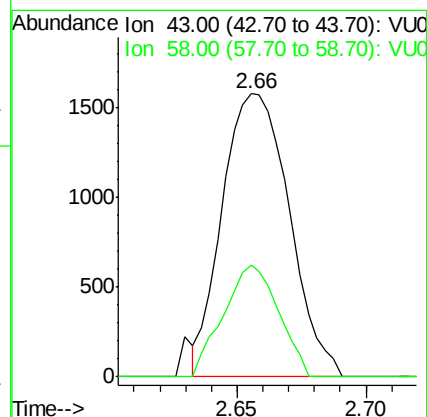
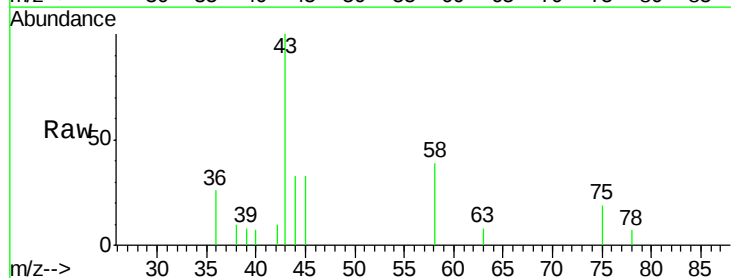
Instrument :
MSVOA_U
ClientSampleId :
C0DH7

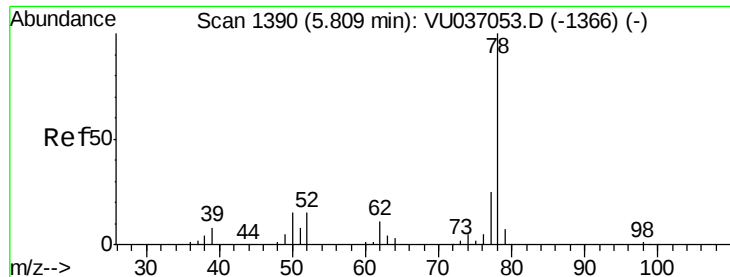
Tot Ion: 50 Resp: 2850
Ion Ratio Lower Upper
50 100
52 36.2 23.0 42.6



#13
Acetone
Concen: 1.800 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037065.D
Acq: 05 Mar 2020 02:25

Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.6





#33

Benzene

Concen: 44.784 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

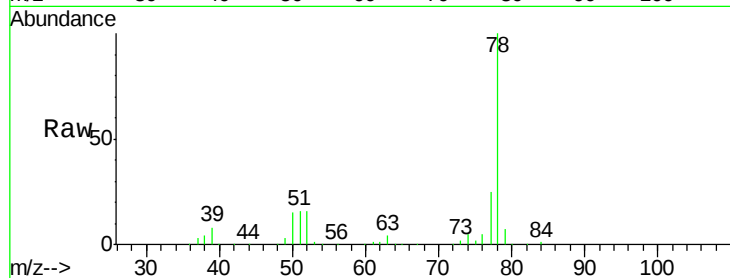
Instrument :

MSVOA_U

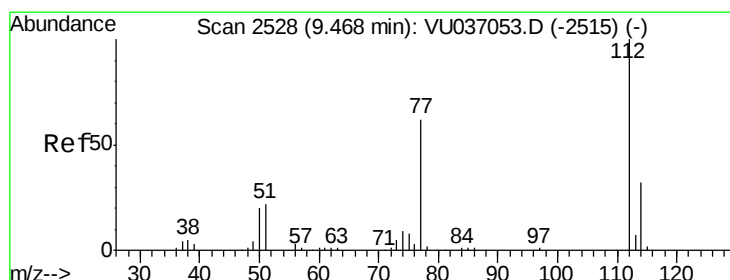
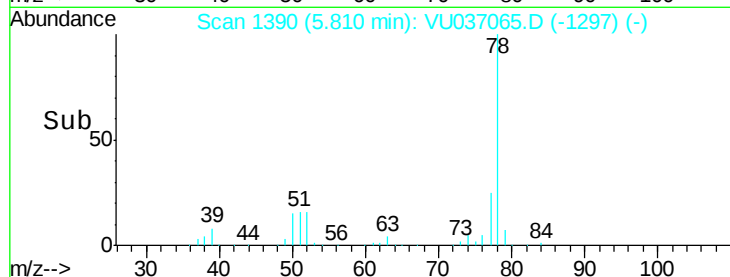
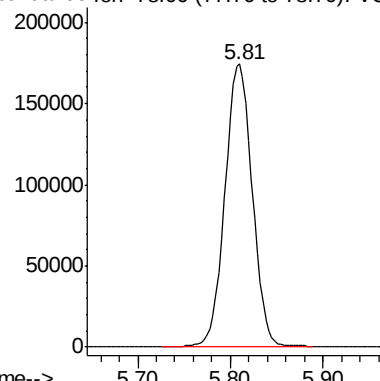
ClientSampleId :

C0DH7

Tgt Ion: 78 Resp: 358228



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 86.569 ug/L

RT: 9.47 min Scan# 2528

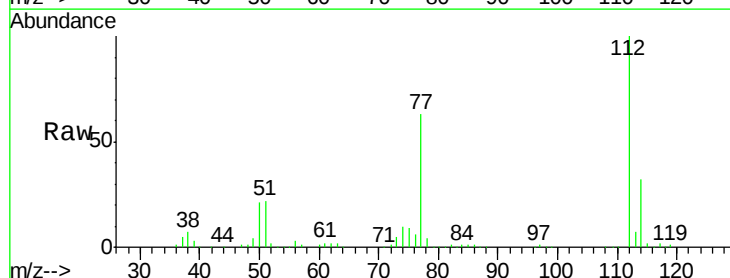
Delta R.T. 0.00 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

Tgt Ion: 112 Resp: 437126

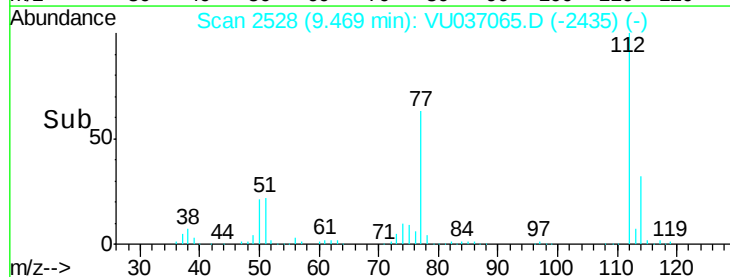
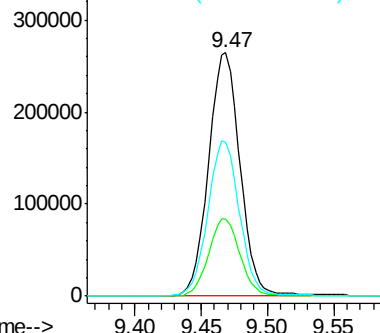
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	63.4	50.1	75.1

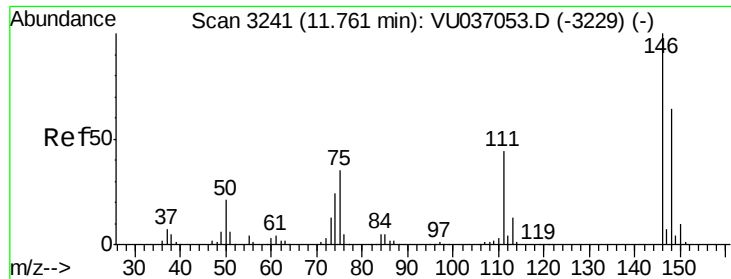


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

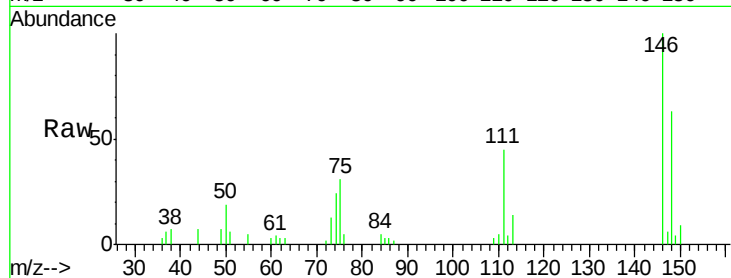




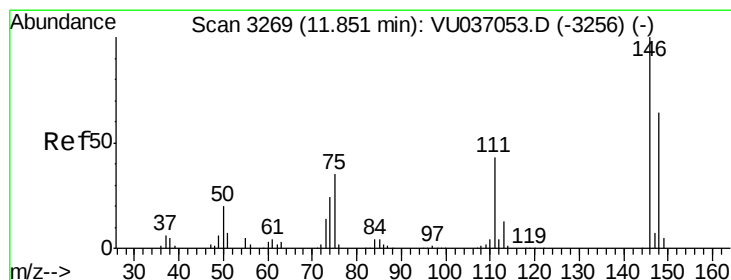
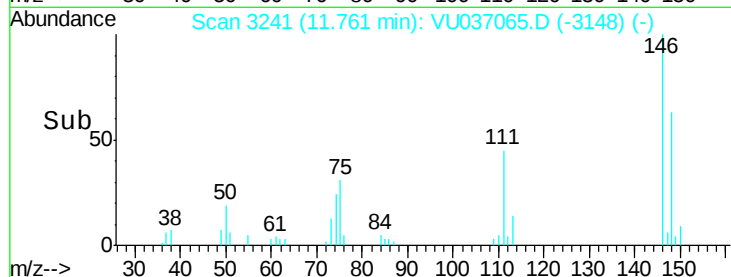
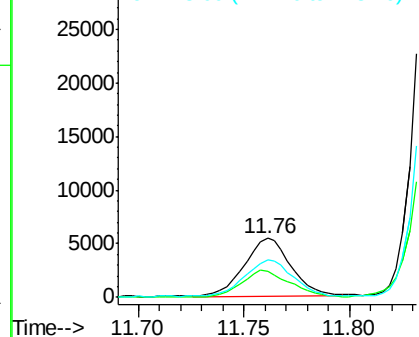
#62
 1,3-Dichlorobenzene
 Concen: 2.860 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

Tot Ion:146 Resp: 8545
 Ion Ratio Lower Upper
 146 100
 111 44.7 30.7 56.9
 148 63.0 44.2 82.2

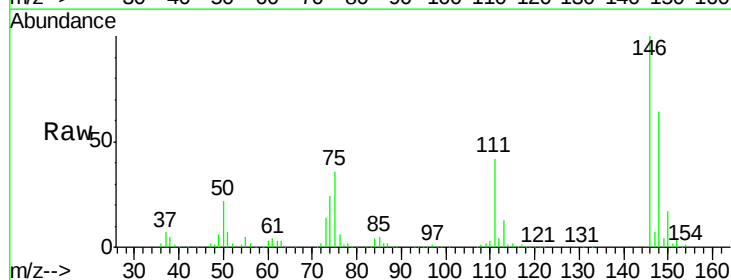


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

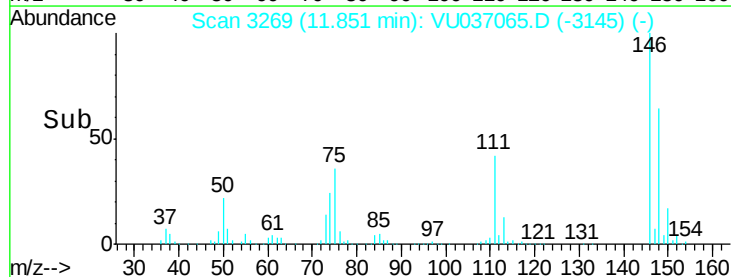
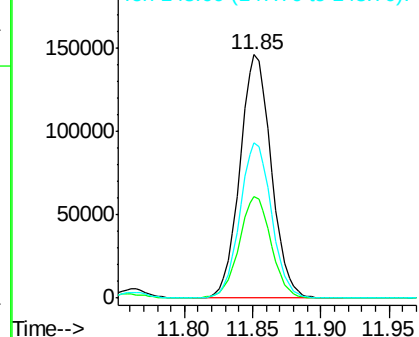


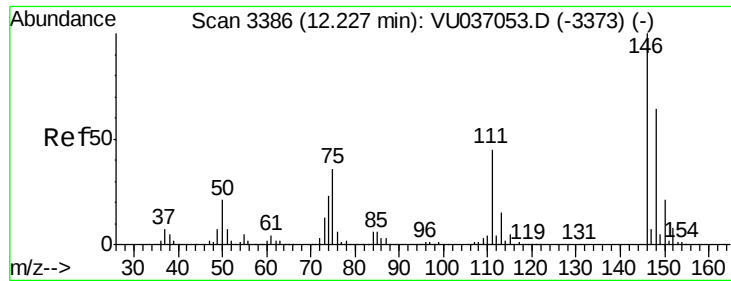
#63
 1,4-Dichlorobenzene
 Concen: 78.884 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU037065.D
 Acq: 05 Mar 2020 02:25

Tgt Ion:146 Resp: 232847
 Ion Ratio Lower Upper
 146 100
 111 41.8 29.8 55.4
 148 63.6 45.1 83.9



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: 45.338 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

Instrument :

MSVOA_U

ClientSampleId :

C0DH7

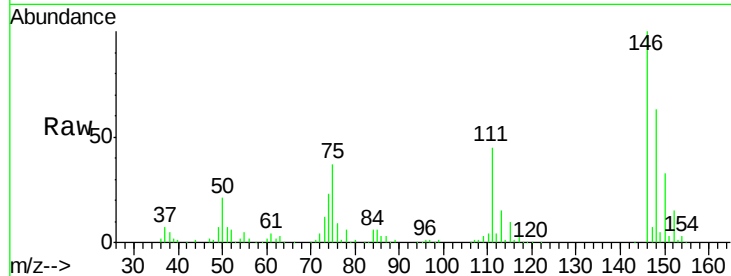
Tot Ion:146 Resp: 135248

Ion Ratio Lower Upper

146 100

111 45.0 35.4 53.0

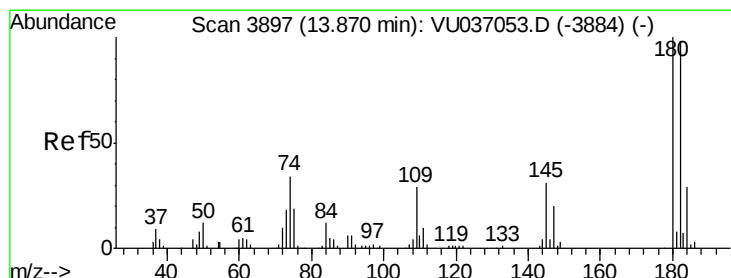
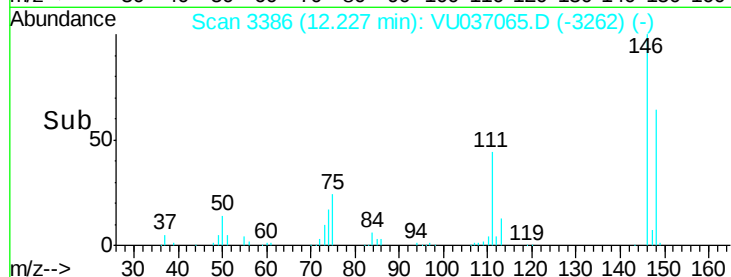
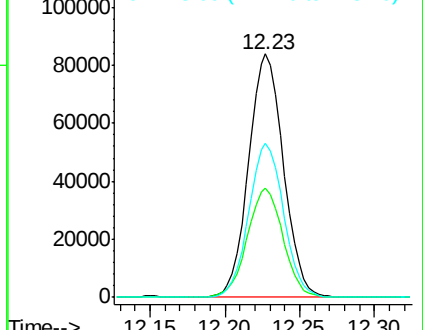
148 63.4 50.5 75.7



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



#68

1,2,4-trichlorobenzene

Concen: 16.865 ug/L

RT: 13.87 min Scan# 3897

Delta R.T. 0.00 min

Lab File: VU037065.D

Acq: 05 Mar 2020 02:25

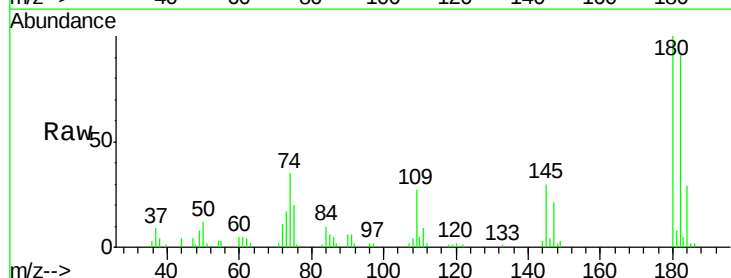
Tgt Ion:180 Resp: 23962

Ion Ratio Lower Upper

180 100

182 95.3 75.3 112.9

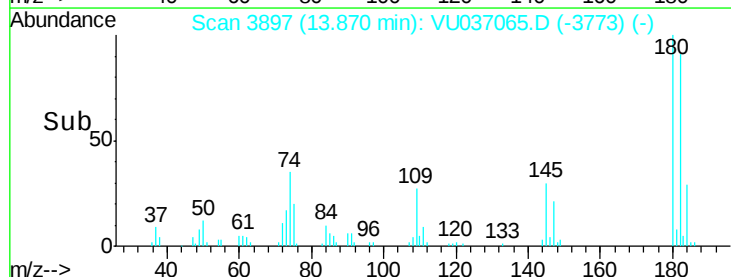
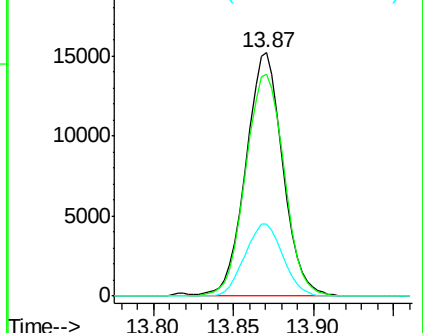
145 30.2 26.2 39.4

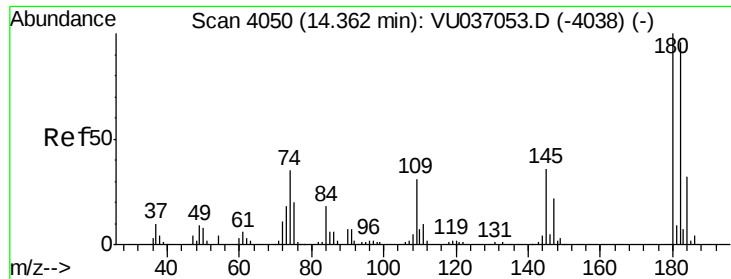


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 2.078 ug/L

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU037065.D

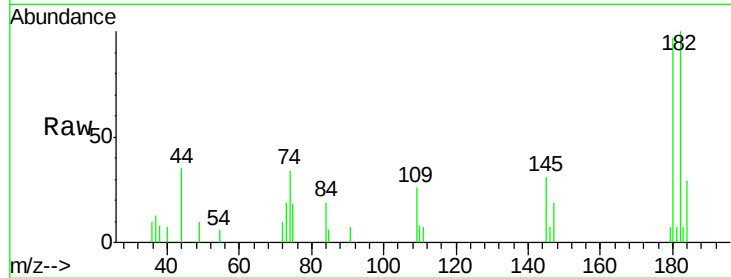
Acq: 05 Mar 2020 02:25

Instrument :

MSVOA_U

ClientSampleId :

C0DH7



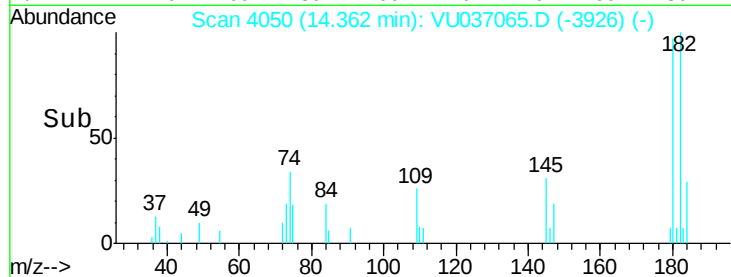
Tot Ion:180 Resp: 2950

Ion Ratio Lower Upper

180 100

182 90.9 77.0 115.6

145 31.1 28.1 42.1



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

