

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040168.D
 Acq On : 16 Sep 2020 23:51
 Operator : SY/MD
 Sample : L4046-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P4

Quant Time: Sep 17 03:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25514	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.92	69	24141	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	47466	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.67	46	107134	44.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.38%
24) Chloroform-d	5.08	84	62006	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	39051	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.75	84	115440	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	38449	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	91841	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.19	79	14974	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.64	63	82343	45.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34430	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	38334	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

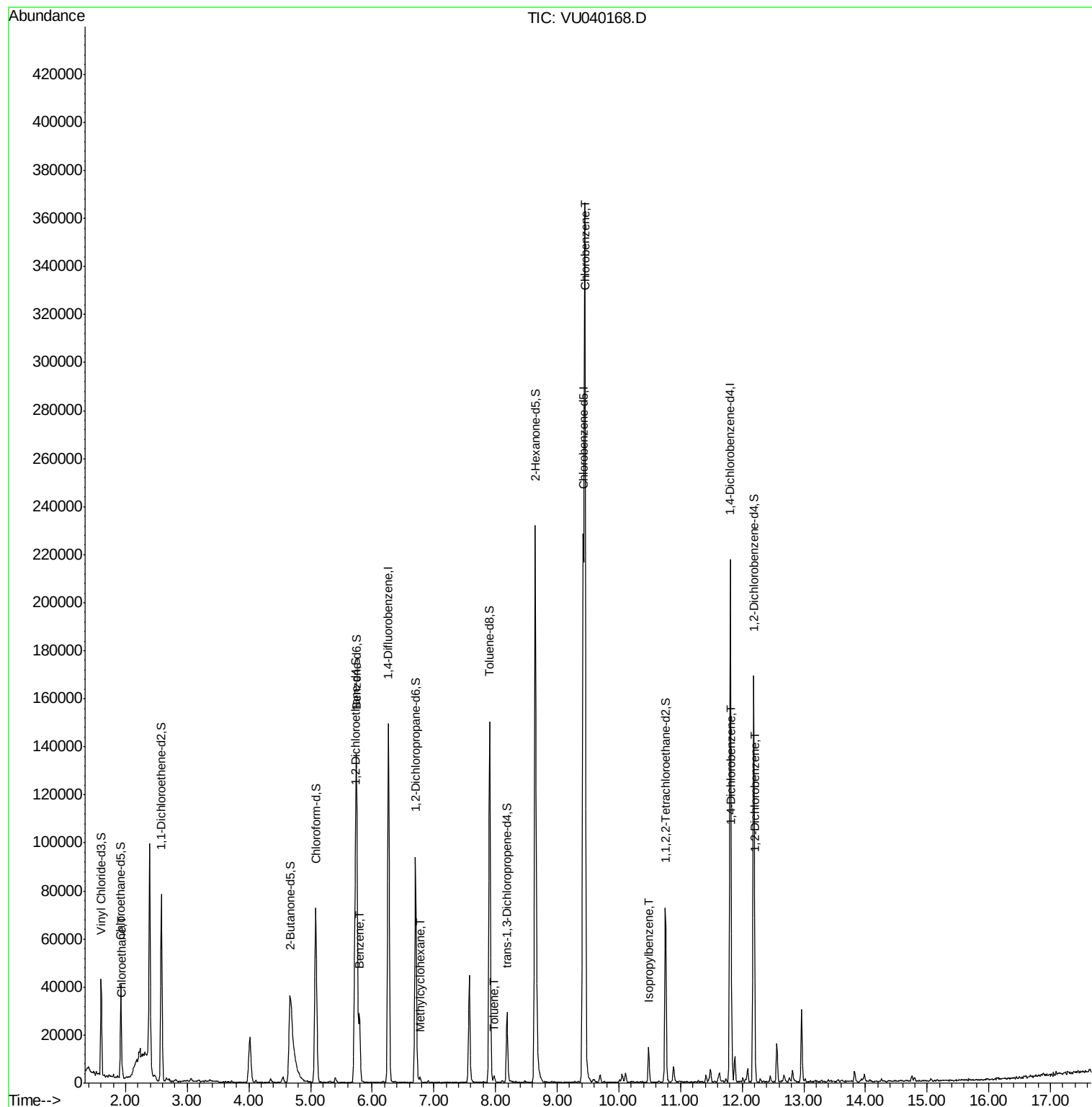
					Ovalue
8) Chloroethane	1.94	64	2138	0.333 ug/L	99
33) Benzene	5.79	78	24296	0.631 ug/L	100
35) Methylcyclohexane	6.77	83	857	0.054 ug/L #	87
42) Toluene	7.98	91	1946	0.049 ug/L	84
51) Chlorobenzene	9.45	112	173754	7.052 ug/L	96
56) Isopropylbenzene	10.48	105	8649	0.207 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	4226	0.230 ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	3025	0.172 ug/L	92

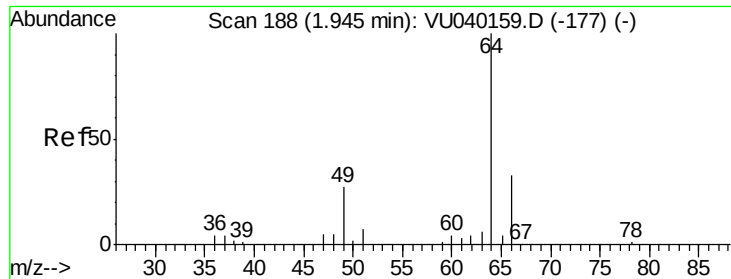
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040168.D
Acq On : 16 Sep 2020 23:51
Operator : SY/MD
Sample : L4046-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P4

Quant Time: Sep 17 03:20:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration

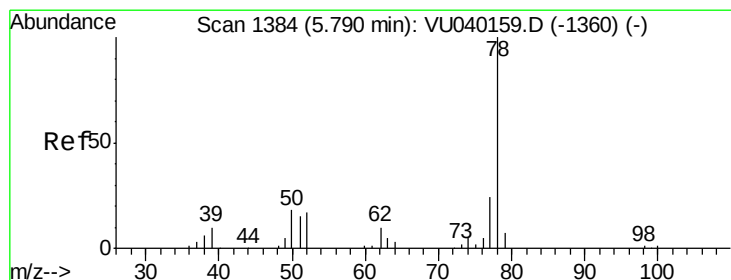
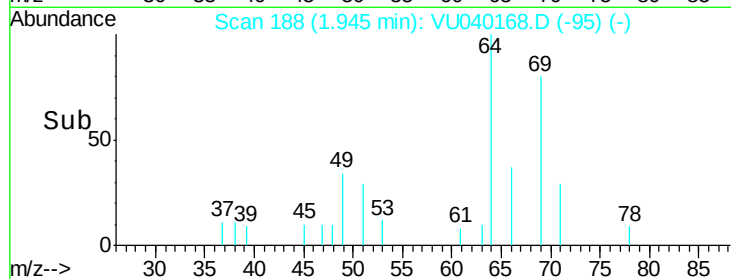
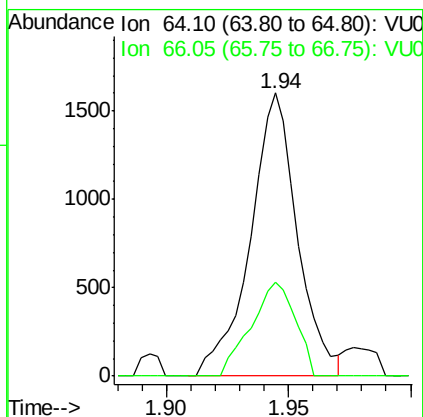
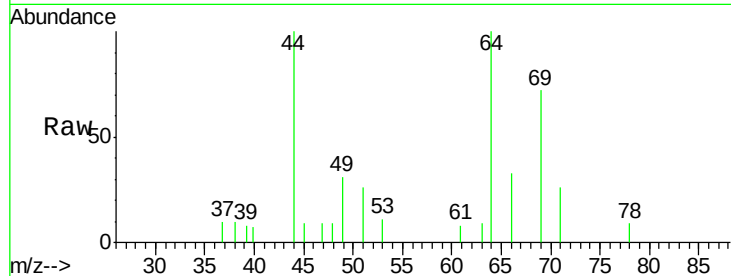




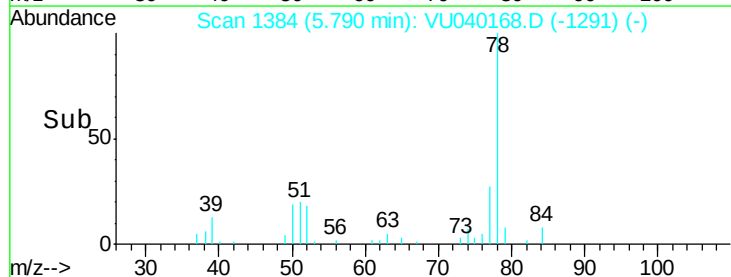
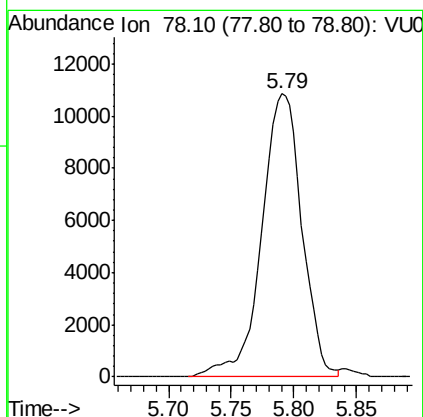
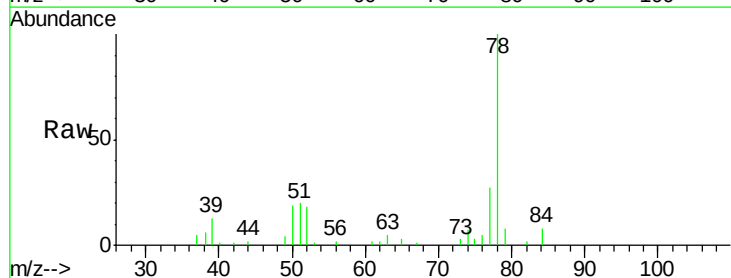
#8
Chloroethane
Concen: 0.333 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040168.D
Acq: 16 Sep 2020 23:51

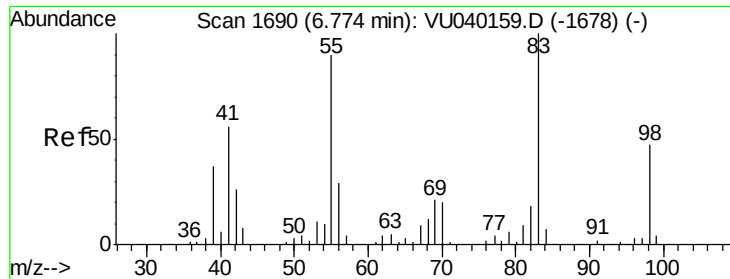
Instrument :
MSVOA_U
ClientSampleId :
BG0P4

Tot Ion: 64 Resp: 2138
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.1



#33
Benzene
Concen: 0.631 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU040168.D
Acq: 16 Sep 2020 23:51
Tgt Ion: 78 Resp: 24296

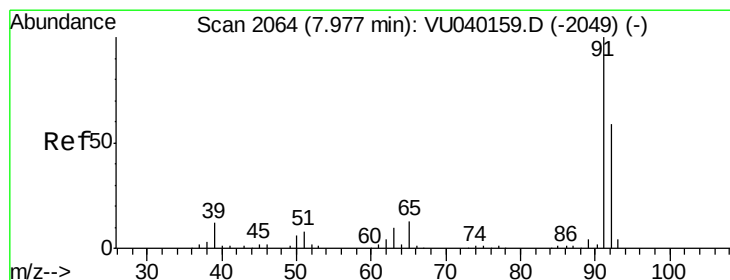
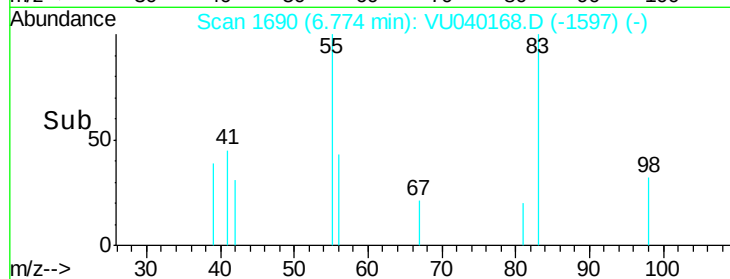
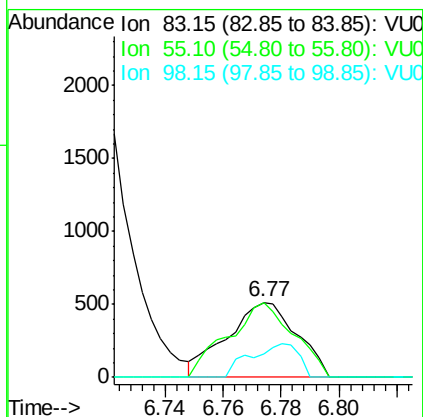
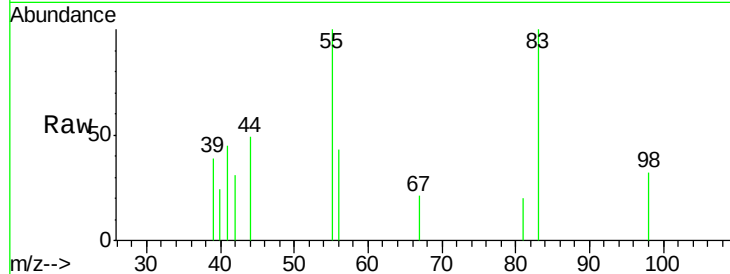




#35
Methylvlcyclohexane
Concen: 0.054 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU040168.D
Acq: 16 Sep 2020 23:51

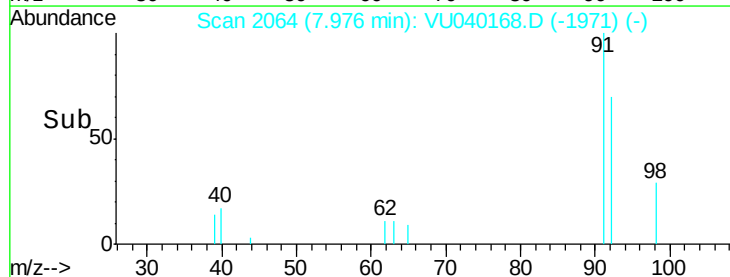
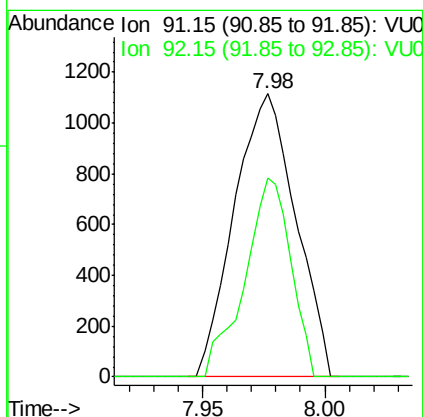
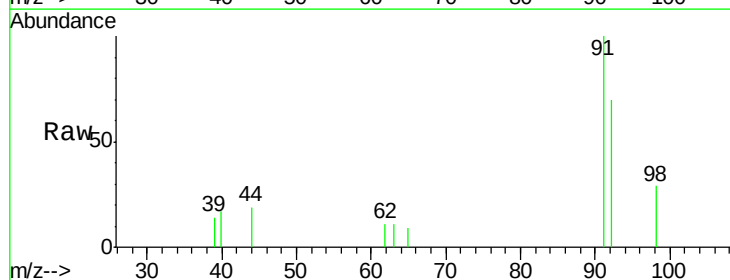
Instrument :
MSVOA_U
ClientSampleId :
BG0P4

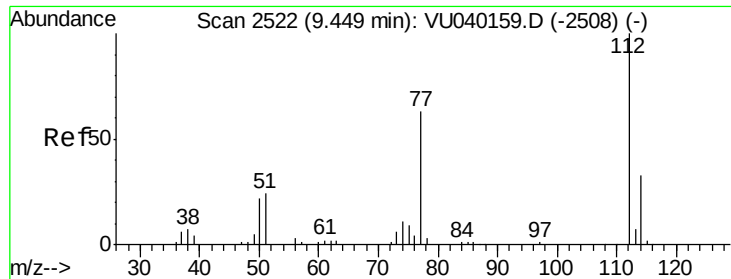
Tot Ion: 83 Resp: 857
Ion Ratio Lower Upper
83 100
55 94.5 70.5 105.7
98 30.7 37.8 56.6#



#42
Toluene
Concen: 0.049 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU040168.D
Acq: 16 Sep 2020 23:51

Tgt Ion: 91 Resp: 1946
Ion Ratio Lower Upper
91 100
92 70.2 40.7 75.5





#51

Chlorobenzene

Concen: 7.052 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040168.D

Acq: 16 Sep 2020 23:51

Instrument :

MSVOA_U

ClientSampleId :

BG0P4

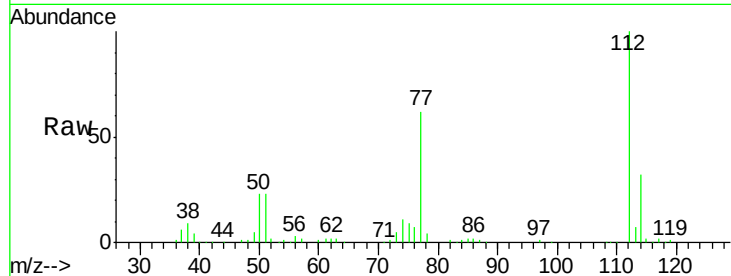
Tot Ion:112 Resp: 173754

Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.3

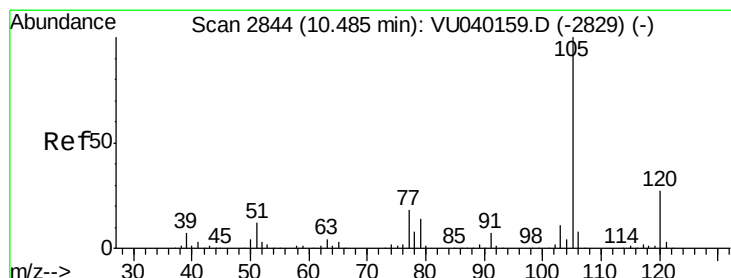
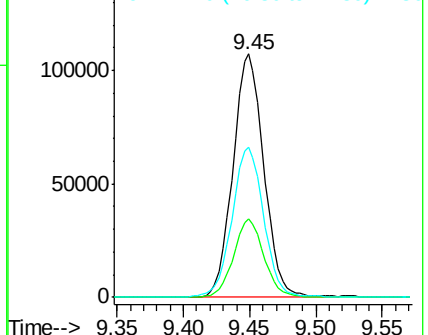
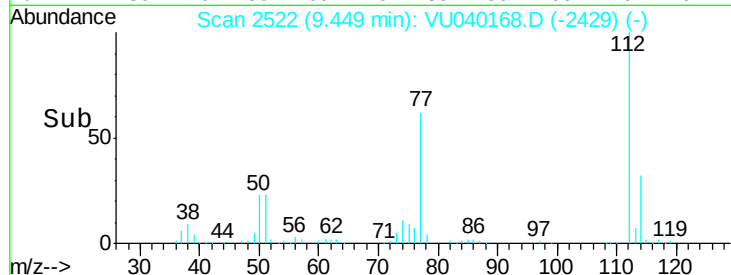
77 61.6 53.2 79.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#56

Isopropylbenzene

Concen: 0.207 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040168.D

Acq: 16 Sep 2020 23:51

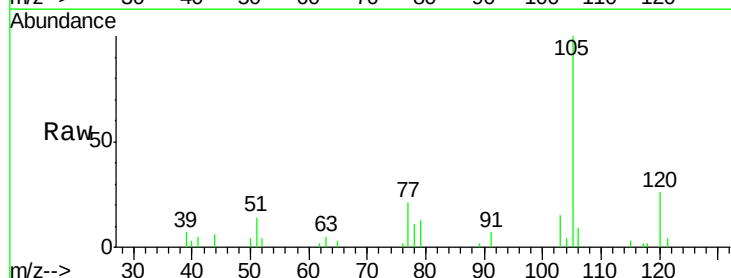
Tgt Ion:105 Resp: 8649

Ion Ratio Lower Upper

105 100

120 24.2 20.1 30.1

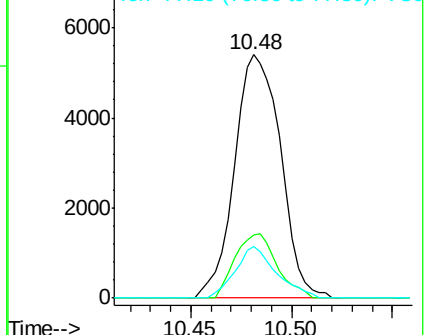
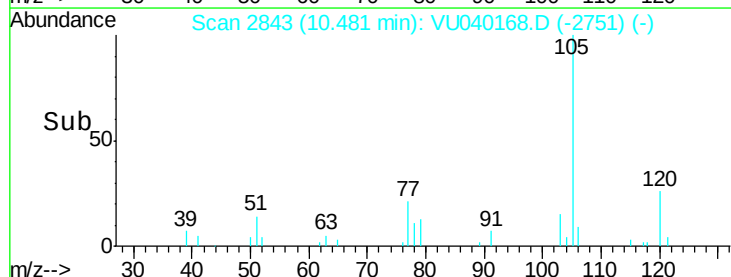
77 19.0 14.4 21.6

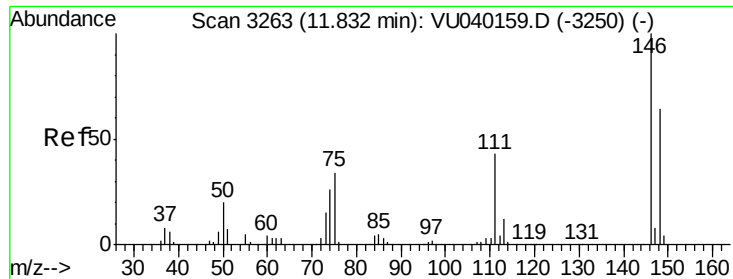


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

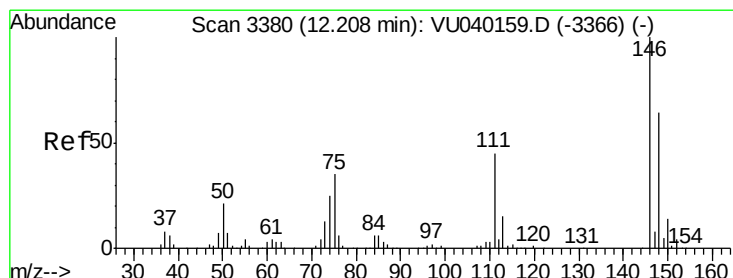
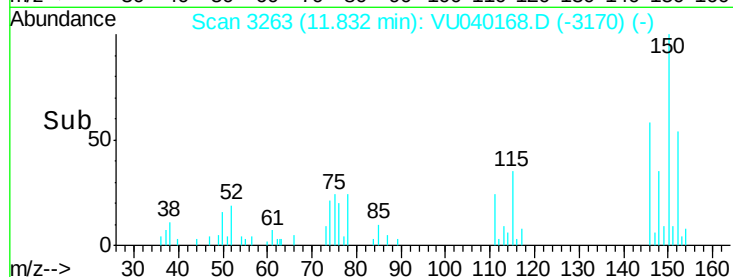
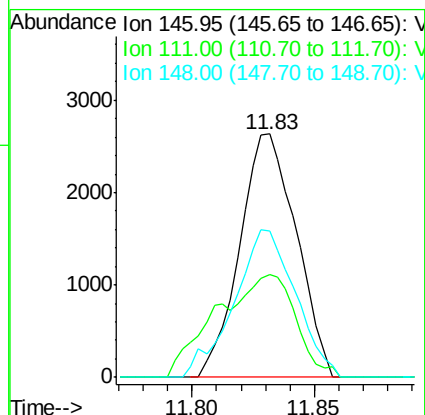
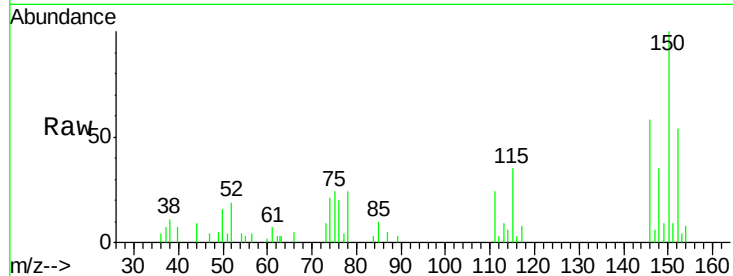




#63
 1,4-Dichlorobenzene
 Concen: 0.230 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040168.D
 Acq: 16 Sep 2020 23:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P4

Tot Ion:146 Resp: 4226
 Ion Ratio Lower Upper
 146 100
 111 42.1 30.5 56.7
 148 60.2 45.4 84.4



#65
 1,2-Dichlorobenzene
 Concen: 0.172 ug/L
 RT: 12.21 min Scan# 3381
 Delta R.T. 0.00 min
 Lab File: VU040168.D
 Acq: 16 Sep 2020 23:51

Tgt Ion:146 Resp: 3025
 Ion Ratio Lower Upper
 146 100
 111 53.7 36.5 54.7
 148 57.5 48.6 72.8

