

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040237.D
 Acq On : 21 Sep 2020 16:35
 Operator : SY/MD
 Sample : L4046-02DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P0DL

Quant Time: Sep 22 08:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126283	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37779	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.92	69	33146	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.58	63	65627	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.66	46	166772	60.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.94%
24) Chloroform-d	5.08	84	82646	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	52917	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.74	84	157995	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.70	67	50906	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.91	98	133770	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.19	79	19509	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	121550	59.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45583	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	53185	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

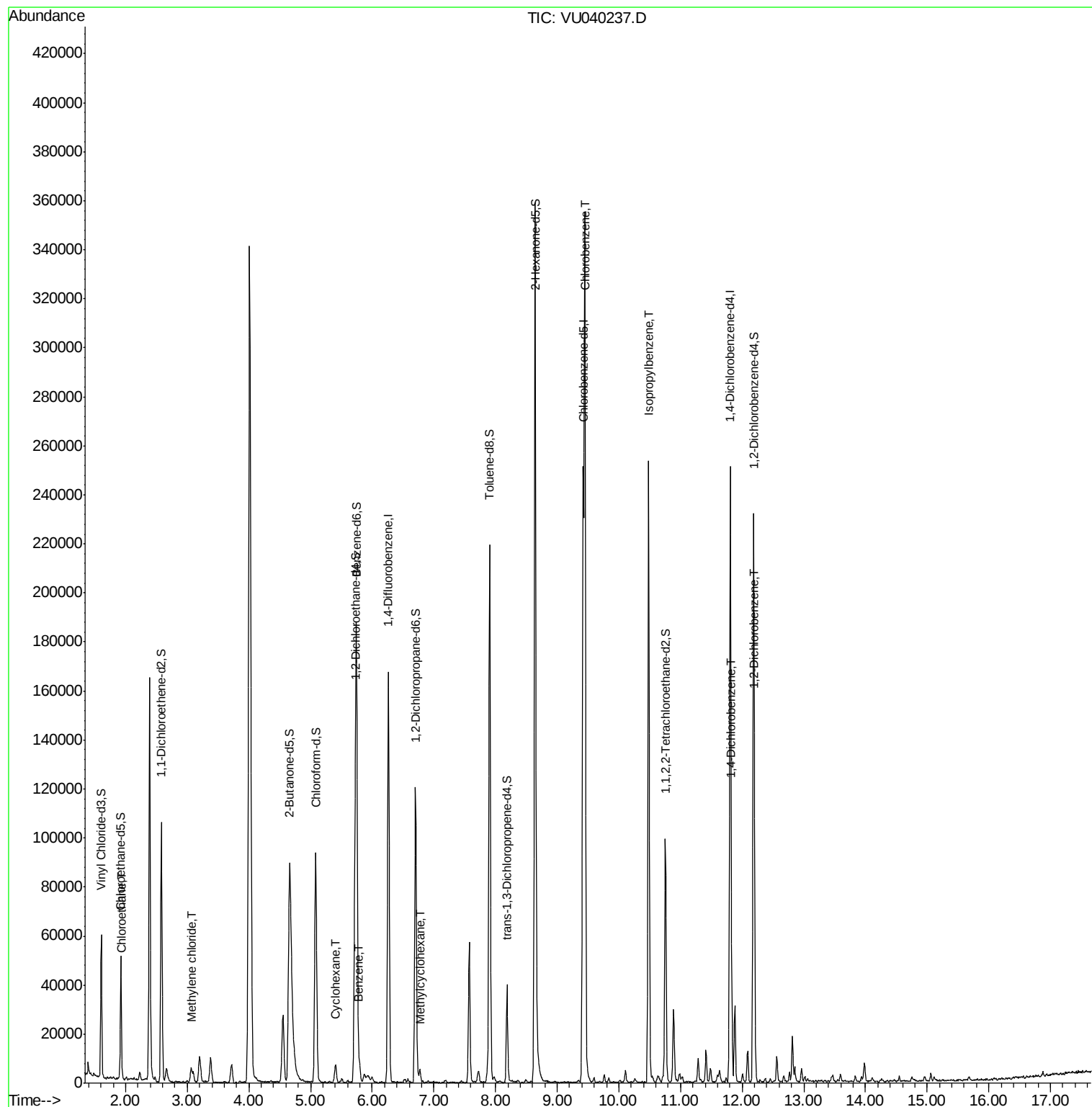
					Ovalue
8) Chloroethane	1.94	64	1208	0.165 ug/L	91
16) Methylene chloride	3.06	84	2209	0.173 ug/L	82
30) Cyclohexane	5.40	56	3139	0.169 ug/L #	24
33) Benzene	5.79	78	6985	0.160 ug/L	100
35) Methylcyclohexane	6.77	83	1906	0.106 ug/L #	90
51) Chlorobenzene	9.45	112	170707	6.106 ug/L	94
56) Isopropylbenzene	10.48	105	150722	3.184 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	8472	0.385 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	6591	0.313 ug/L	95

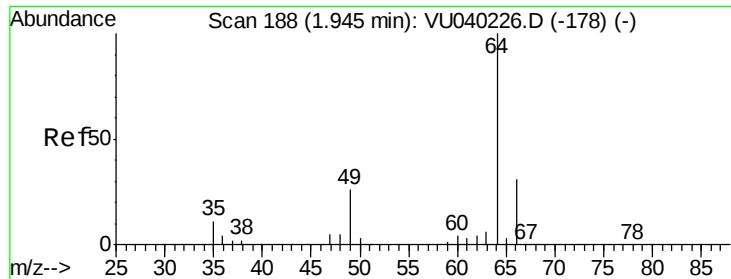
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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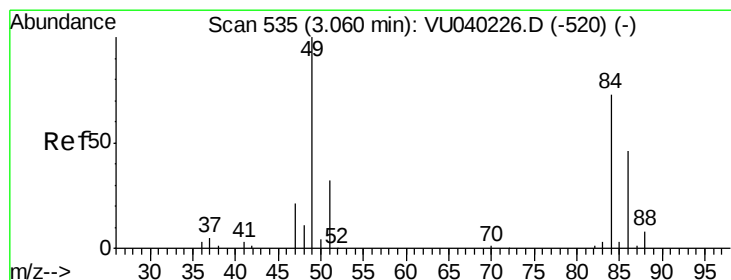
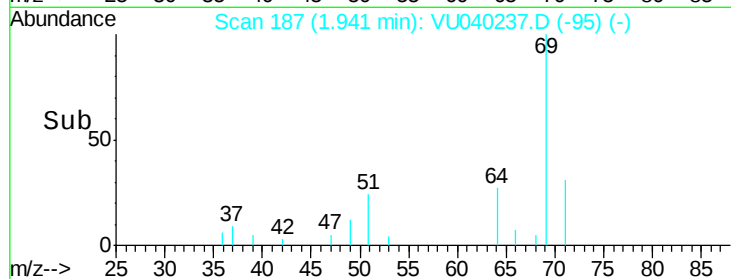
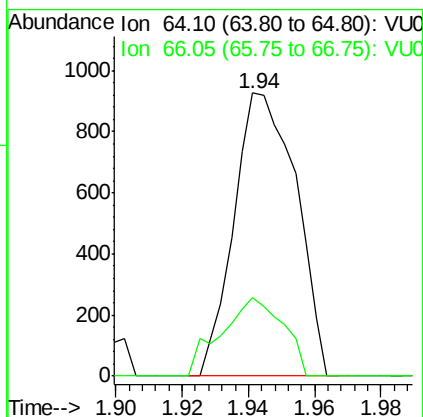
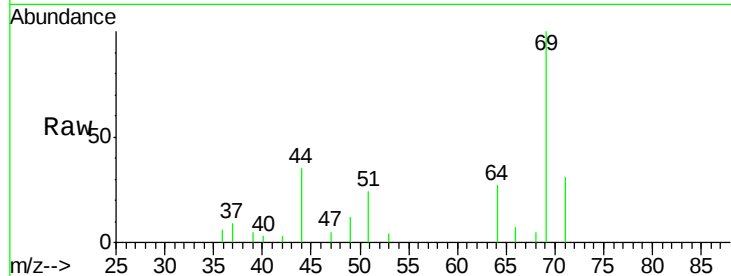




#8
Chloroethane
Concen: 0.165 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040237.D
Acq: 21 Sep 2020 16:35

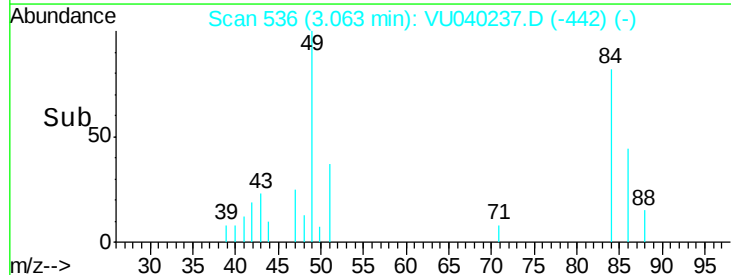
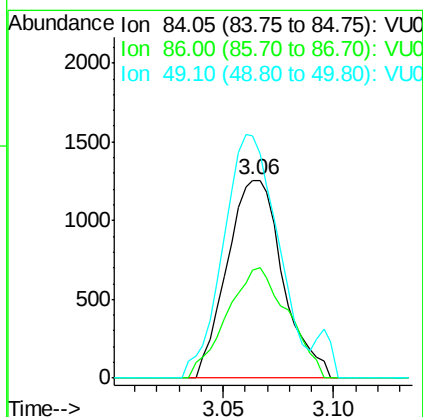
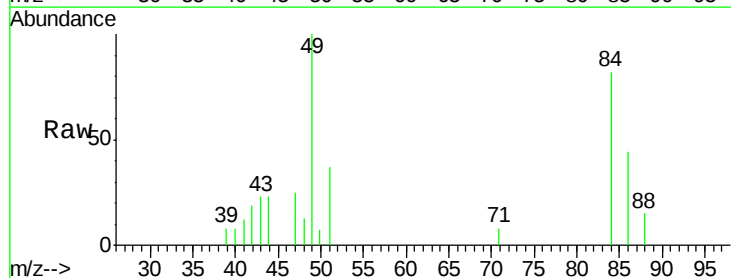
Instrument :
MSVOA_U
ClientSampleId :
BG0P0DL

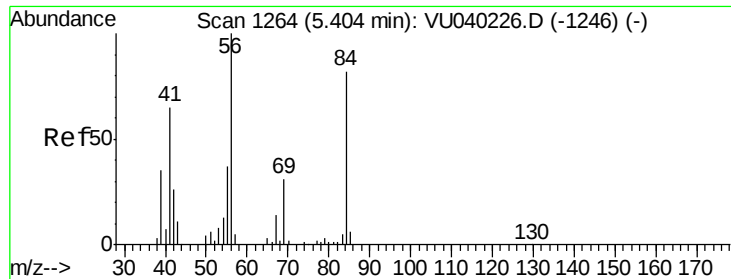
Tot Ion: 64 Resp: 1208
Ion Ratio Lower Upper
64 100
66 27.6 22.7 42.1



#16
Methylene chloride
Concen: 0.173 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040237.D
Acq: 21 Sep 2020 16:35

Tgt Ion: 84 Resp: 2209
Ion Ratio Lower Upper
84 100
86 54.6 45.2 84.0
49 122.7 104.0 193.2

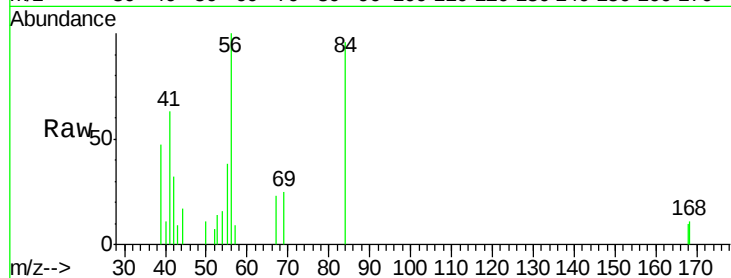




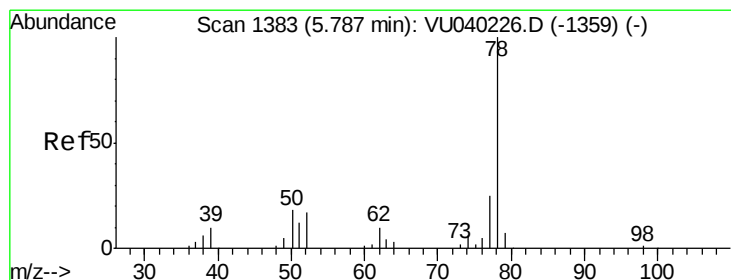
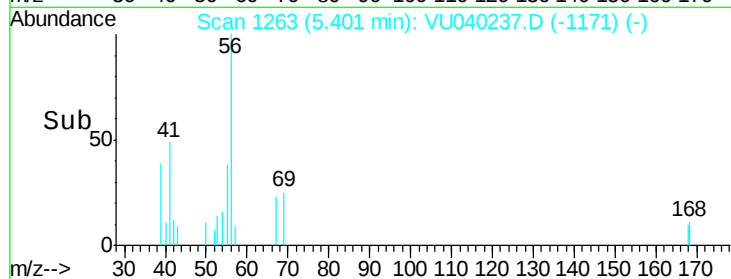
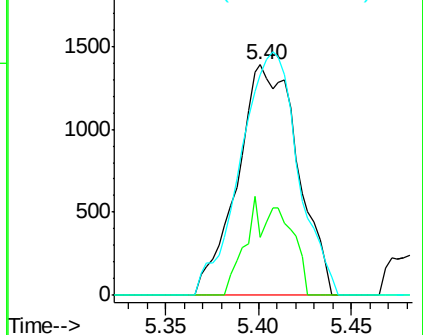
#30
Cyclohexane
Concen: 0.169 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040237.D
Acq: 21 Sep 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
BG0P0DL

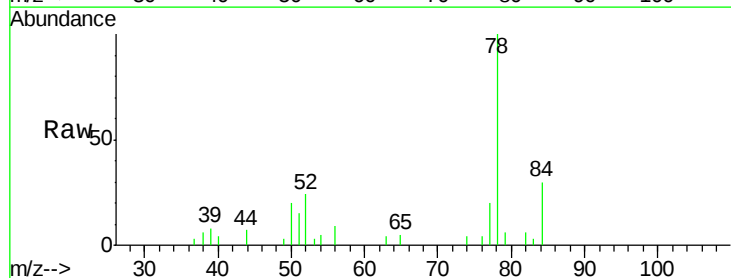
Tot Ion: 56 Resp: 3139
Ion Ratio Lower Upper
56 100
69 11.6 24.1 36.1#
84 0.0 65.0 97.4#



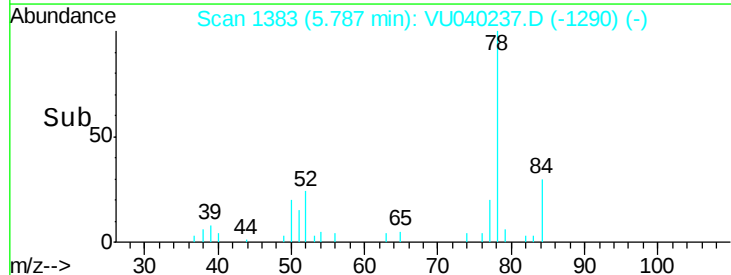
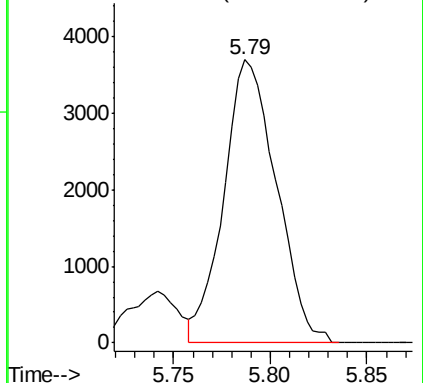
Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

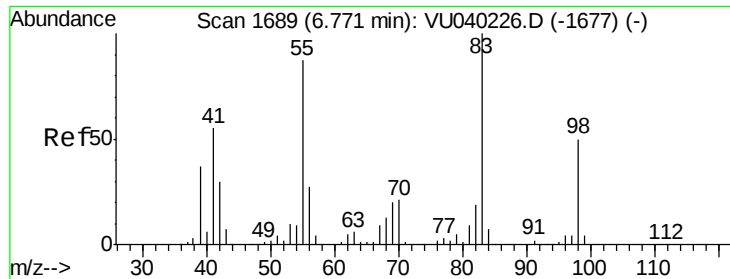


#33
Benzene
Concen: 0.160 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040237.D
Acq: 21 Sep 2020 16:35
Tgt Ion: 78 Resp: 6985



Abundance Ion 78.10 (77.80 to 78.80): VU0

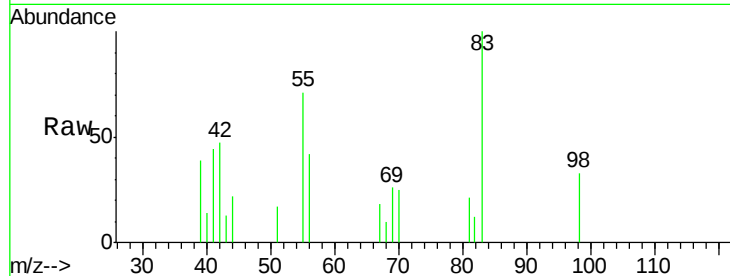




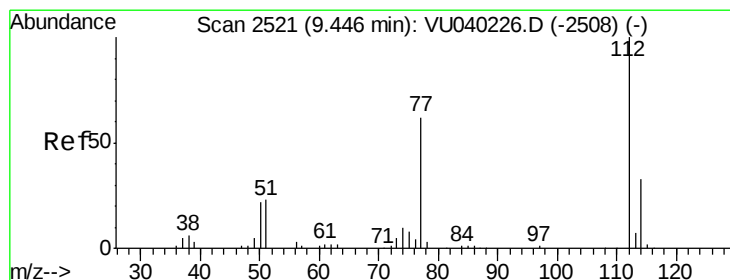
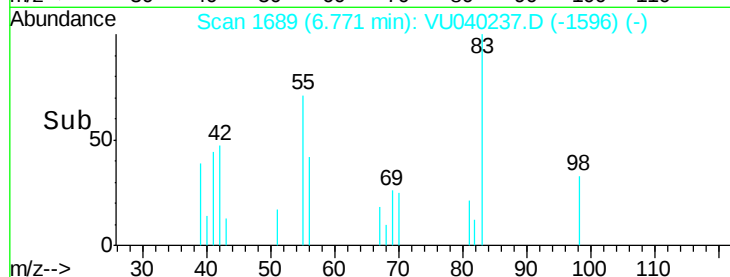
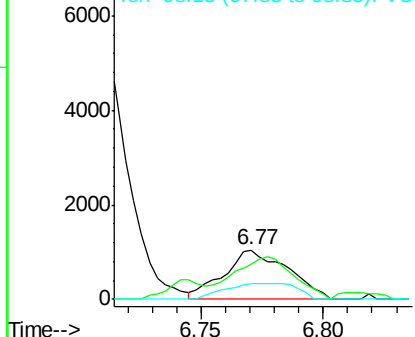
#35
Methvlcvclohexane
Concen: 0.106 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040237.D
Acq: 21 Sep 2020 16:35

Instrument :
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ClientSampleId :
BG0P0DL

Tot Ion: 83 Resp: 1906
Ion Ratio Lower Upper
83 100
55 81.7 70.5 105.7
98 36.6 37.8 56.6#

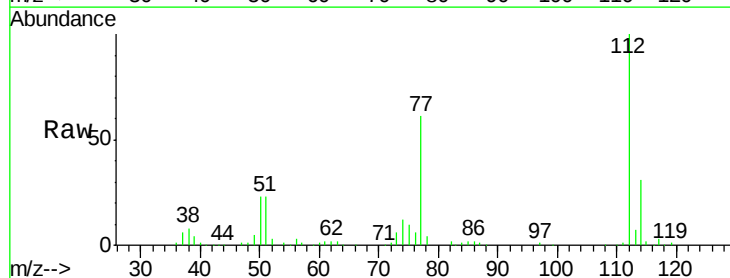


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

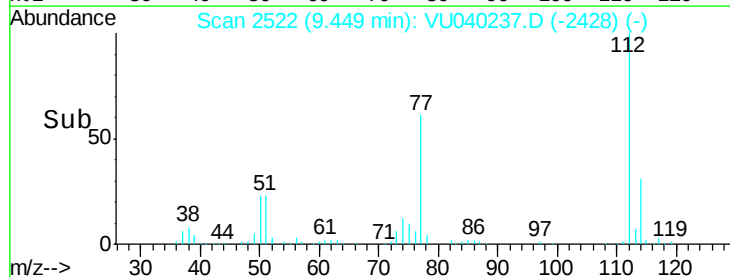
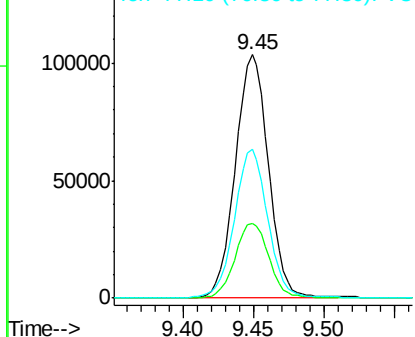


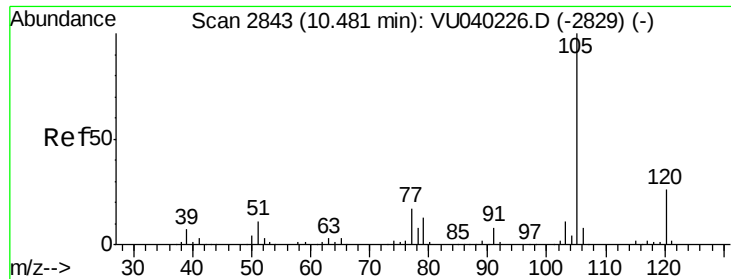
#51
Chlorobenzene
Concen: 6.106 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040237.D
Acq: 21 Sep 2020 16:35

Tgt Ion: 112 Resp: 170707
Ion Ratio Lower Upper
112 100
114 30.6 22.7 42.3
77 61.1 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: 3.184 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040237.D

Acq: 21 Sep 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

BG0P0DL

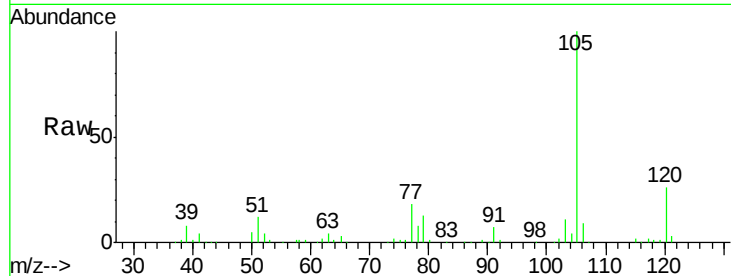
Tot Ion:105 Resp: 150722

Ion Ratio Lower Upper

105 100

120 26.2 20.1 30.1

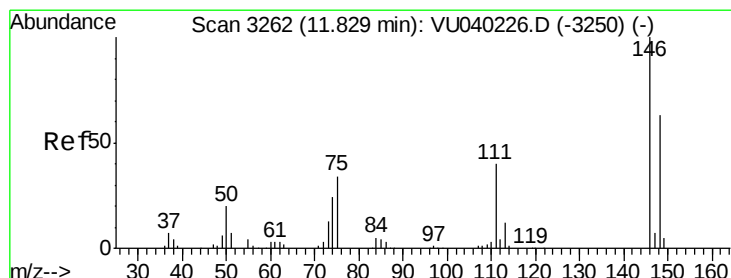
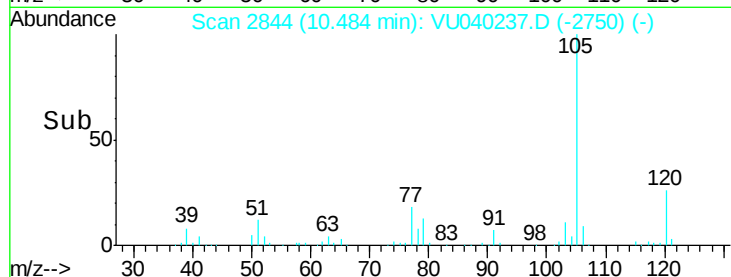
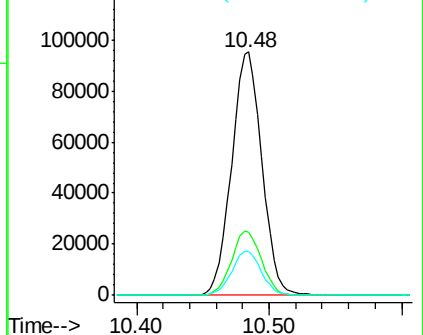
77 17.8 14.4 21.6



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): V



#63

1,4-Dichlorobenzene

Concen: 0.385 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU040237.D

Acq: 21 Sep 2020 16:35

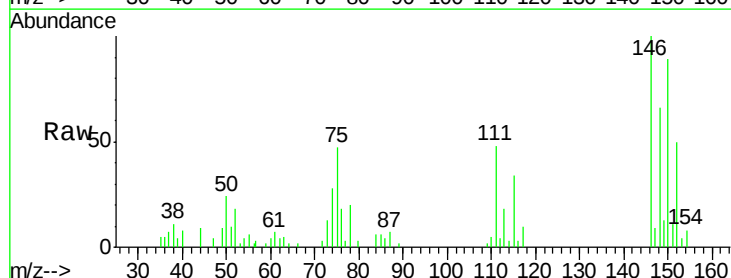
Tgt Ion:146 Resp: 8472

Ion Ratio Lower Upper

146 100

111 47.7 30.5 56.7

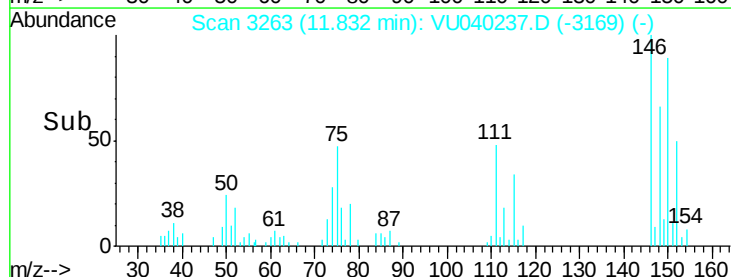
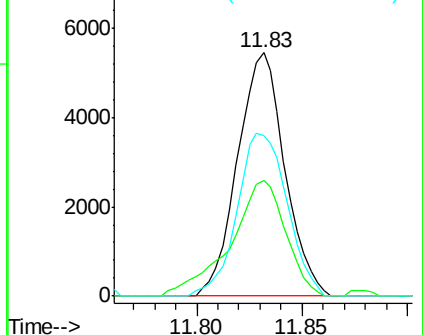
148 65.9 45.4 84.4

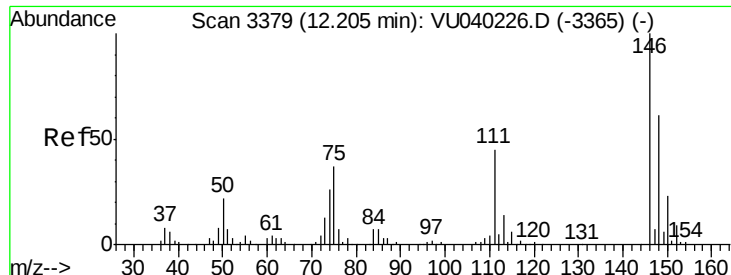


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

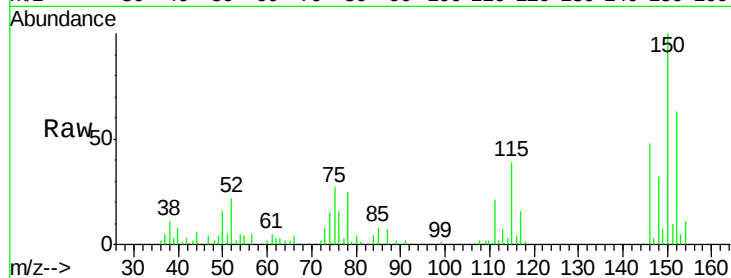




#65
 1,2-Dichlorobenzene
 Concen: 0.313 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040237.D
 Acq: 21 Sep 2020 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P0DL

Tot Ion:146 Resp: 6591
 Ion Ratio Lower Upper
 146 100
 111 44.0 36.5 54.7
 148 66.5 48.6 72.8



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

