

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040497.D
 Acq On : 03 Oct 2020 22:06
 Operator : SY/MD
 Sample : L4240-15 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T7

Quant Time: Oct 05 03:43:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46477	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30695	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.93	69	26822	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.58	63	50888	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.66	46	141357	51.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.08	84	67490	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	43887	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.74	84	129398	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.70	67	45442	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.91	98	105712	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	8.19	79	16784	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.64	63	90641	45.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38962	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	41047	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

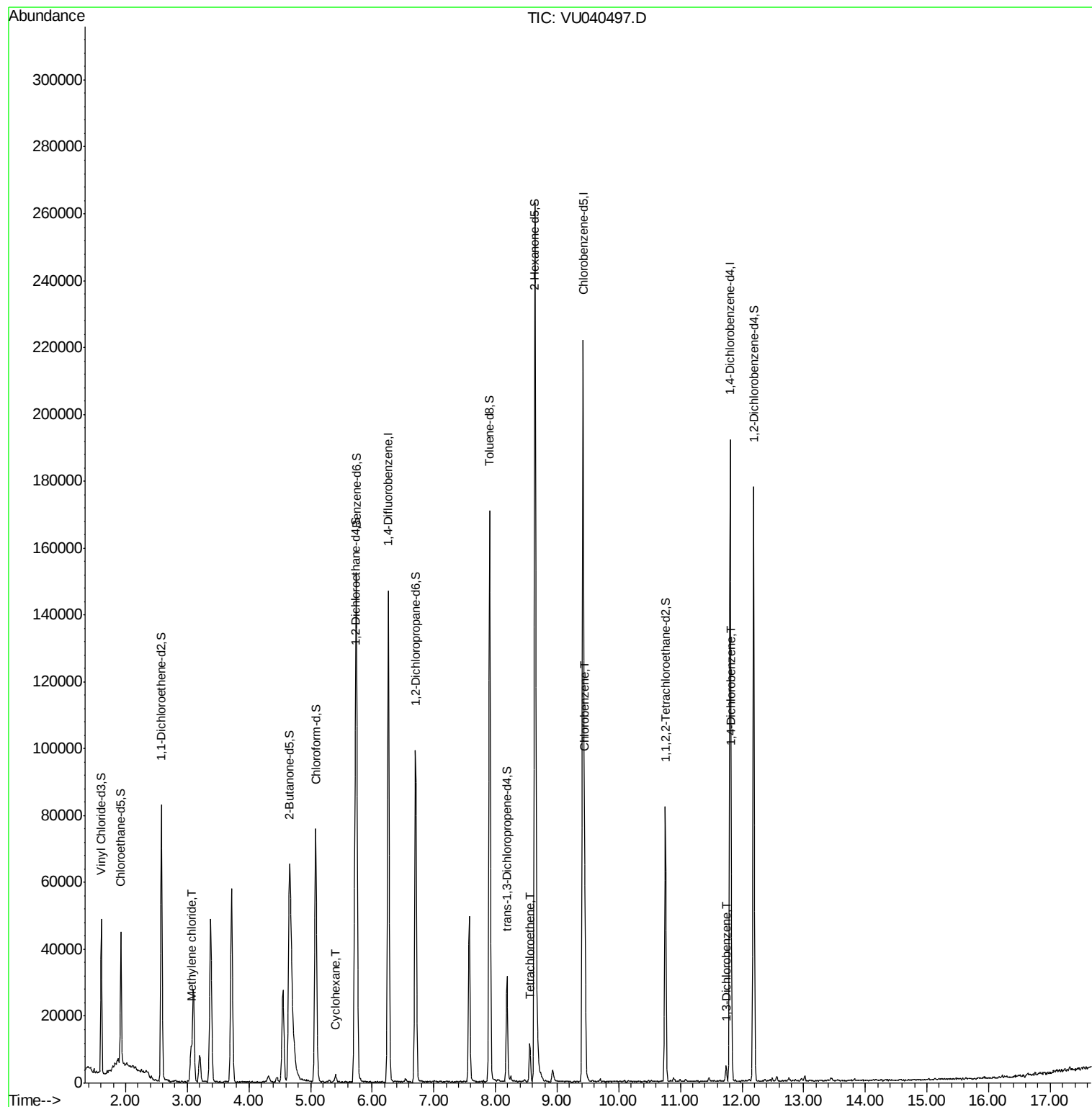
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2448	0.231	ug/L	97
30) Cyclohexane	5.40	56	1023	0.064	ug/L #	80
47) Tetrachloroethene	8.56	164	2686	0.378	ug/L	84
51) Chlorobenzene	9.45	112	28230	1.129	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	2079	0.135	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	4133	0.258	ug/L	95

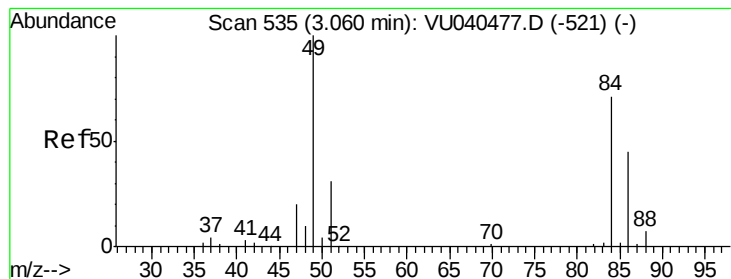
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.231 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040497.D

Acq: 03 Oct 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

BG3T7

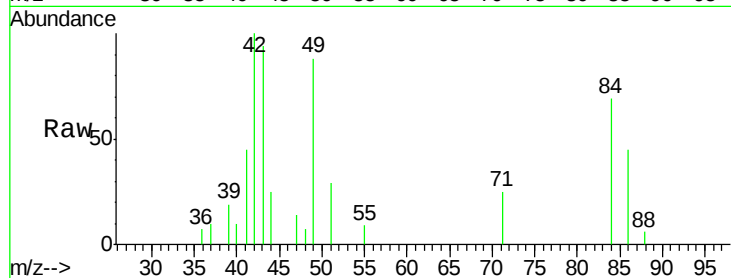
Tot Ion: 84 Resp: 2448

Ion Ratio Lower Upper

84 100

86 65.4 44.4 82.5

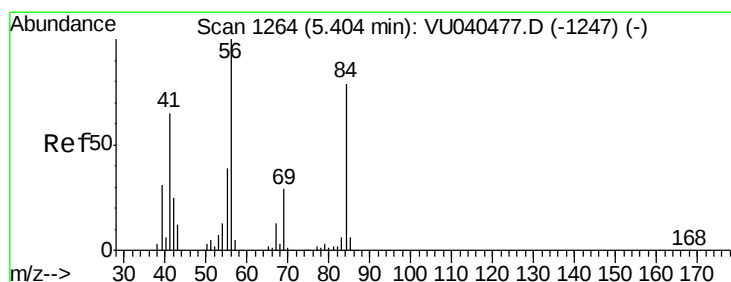
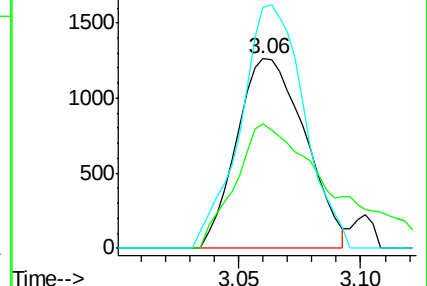
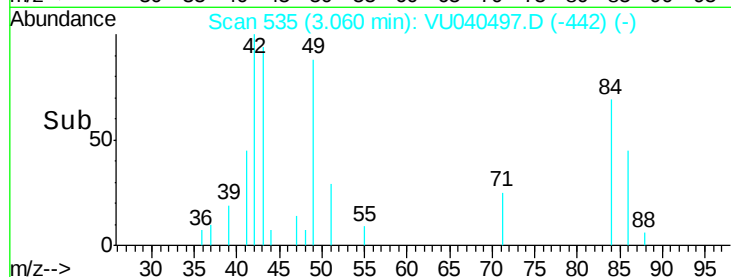
49 127.2 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#30

Cyclohexane

Concen: 0.064 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU040497.D

Acq: 03 Oct 2020 22:06

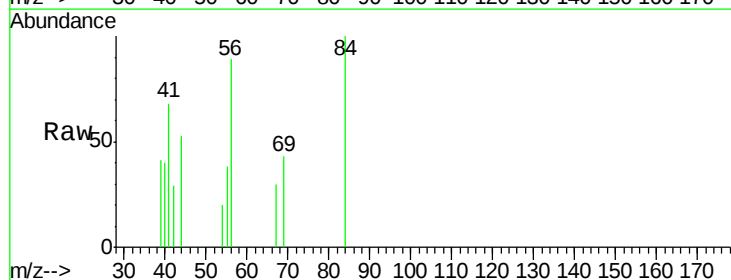
Tgt Ion: 56 Resp: 1023

Ion Ratio Lower Upper

56 100

69 16.7 23.3 34.9#

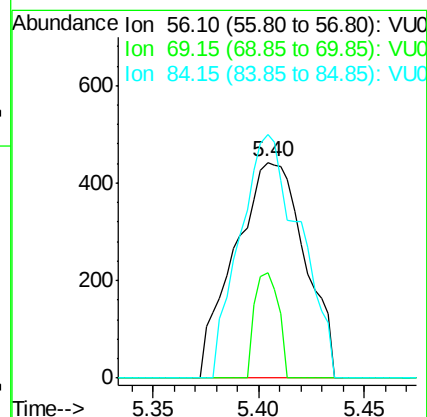
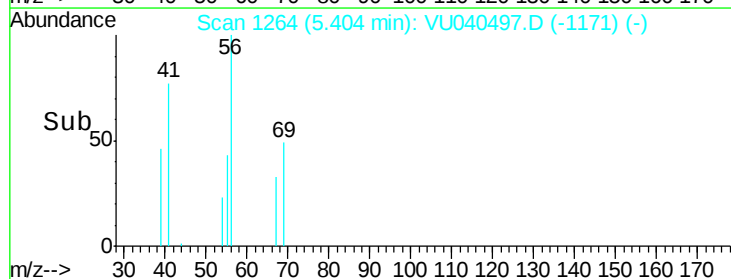
84 96.7 64.2 96.4#

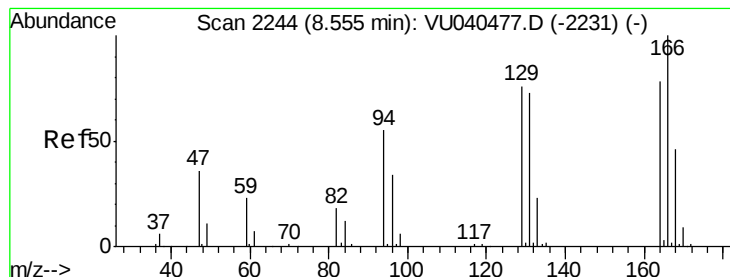


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#47

Tetrachloroethene

Concen: 0.378 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU040497.D

Acq: 03 Oct 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

BG3T7

Tot Ion:164 Resp: 2686

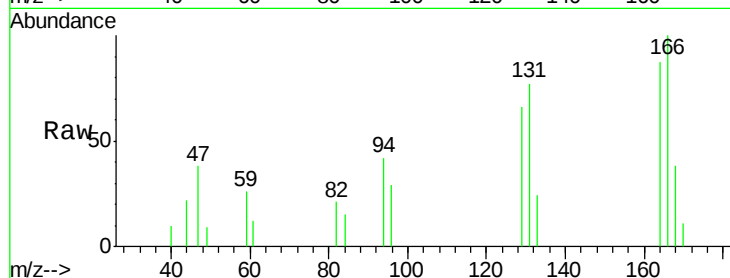
Ion Ratio Lower Upper

164 100

129 75.5 70.3 130.7

131 88.1 69.2 128.6

166 114.7 91.1 169.3

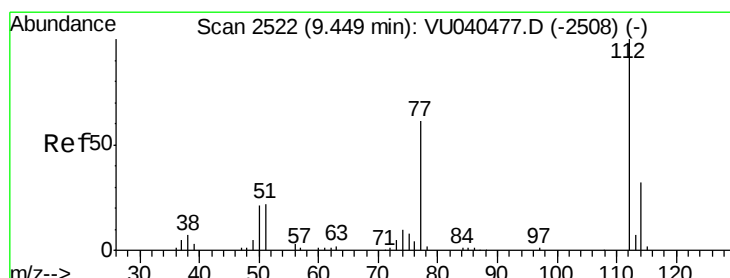
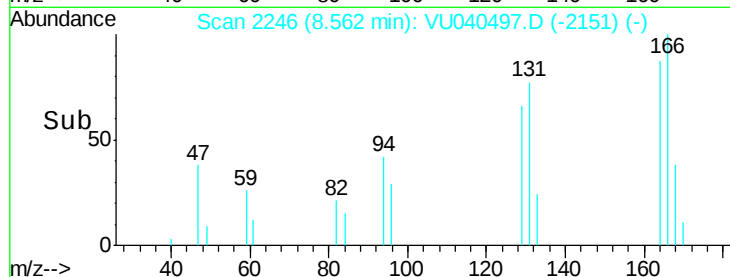
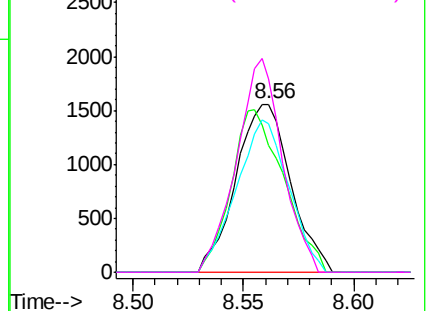


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 1.129 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040497.D

Acq: 03 Oct 2020 22:06

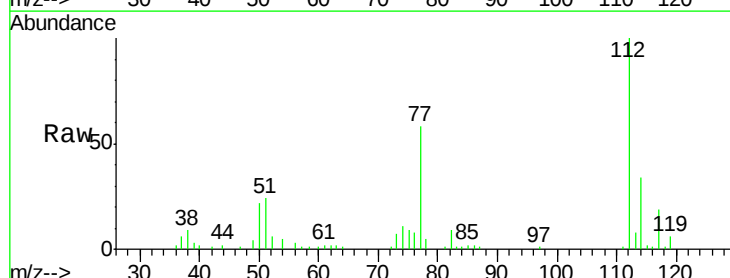
Tgt Ion:112 Resp: 28230

Ion Ratio Lower Upper

112 100

114 33.6 22.0 40.8

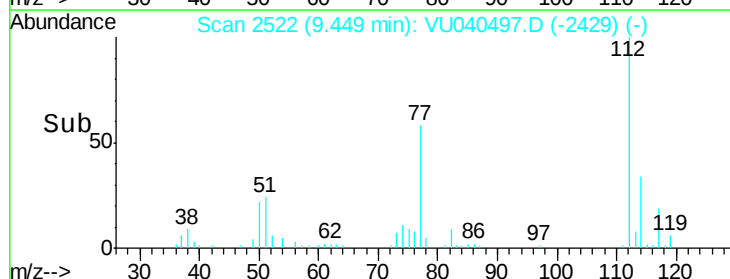
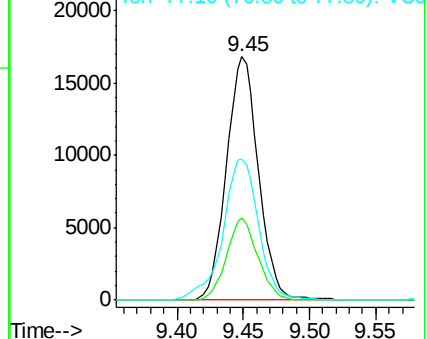
77 58.2 49.5 74.3

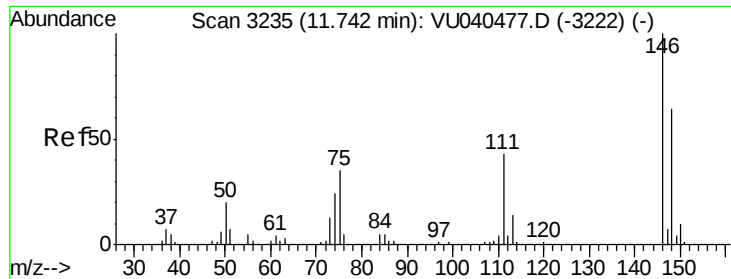


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V

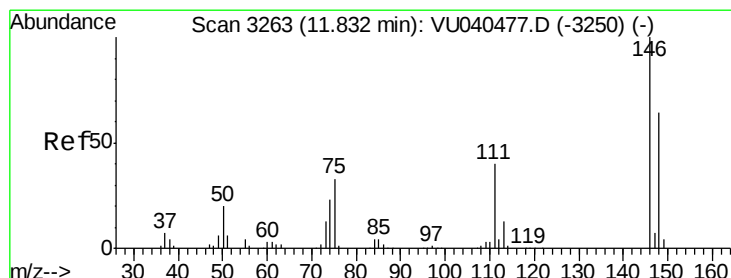
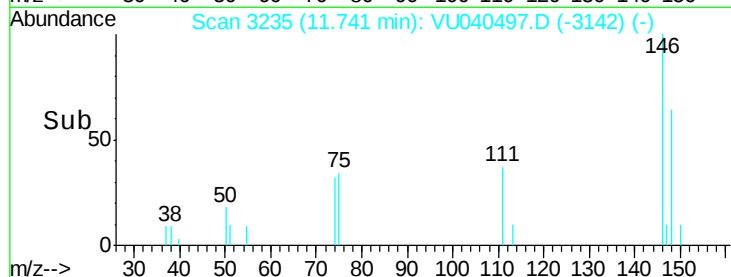
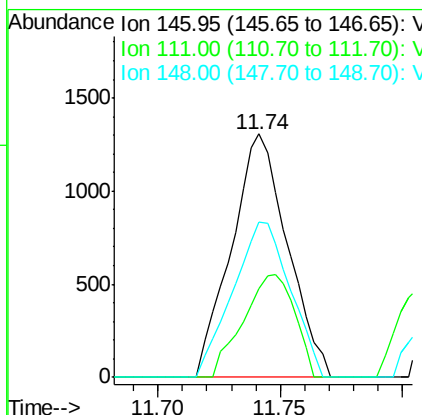
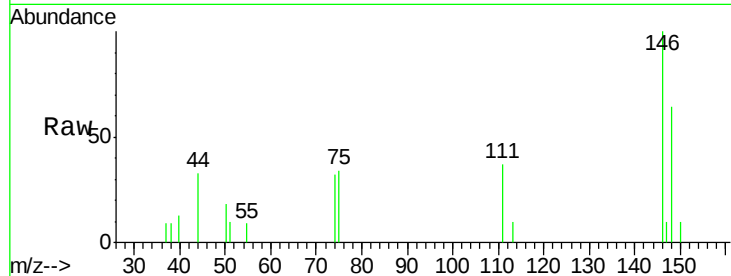




#62
 1,3-Dichlorobenzene
 Concen: 0.135 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040497.D
 Acq: 03 Oct 2020 22:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T7

Tot Ion:146 Resp: 2079
 Ion Ratio Lower Upper
 146 100
 111 36.6 28.6 53.0
 148 63.8 43.4 80.6



#63
 1,4-Dichlorobenzene
 Concen: 0.258 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040497.D
 Acq: 03 Oct 2020 22:06

Tgt Ion:146 Resp: 4133
 Ion Ratio Lower Upper
 146 100
 111 34.5 29.2 54.2
 148 63.8 44.4 82.4

