

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040498.D
 Acq On : 03 Oct 2020 22:29
 Operator : SY/MD
 Sample : L4240-10 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S8

Quant Time: Oct 05 03:47:24 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	117854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31296	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.92	69	27459	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	49739	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	140676	48.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	5.08	84	68450	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	43781	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	131628	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	45240	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	107878	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.19	79	17200	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	91913	43.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39758	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	40761	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

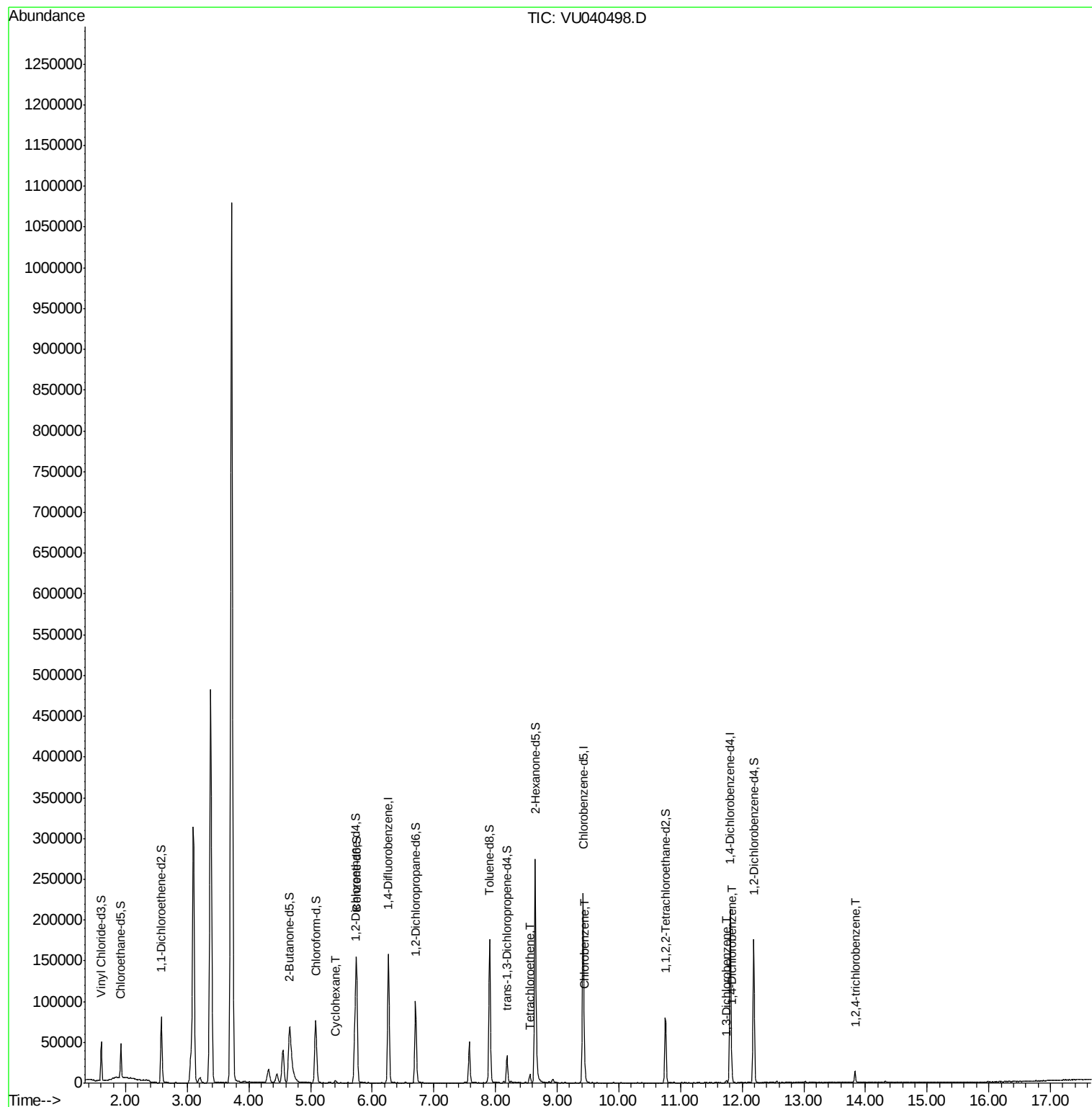
				Ovalue	
30) Cyclohexane	5.40	56	1190	0.070 ug/L	# 85
47) Tetrachloroethene	8.56	164	2354	0.309 ug/L	91
51) Chlorobenzene	9.45	112	6946	0.259 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	1210	0.072 ug/L	93
63) 1,4-Dichlorobenzene	11.84	146	3089	0.176 ug/L	87
68) 1,2,4-trichlorobenzene	13.83	180	3861	0.398 ug/L	98

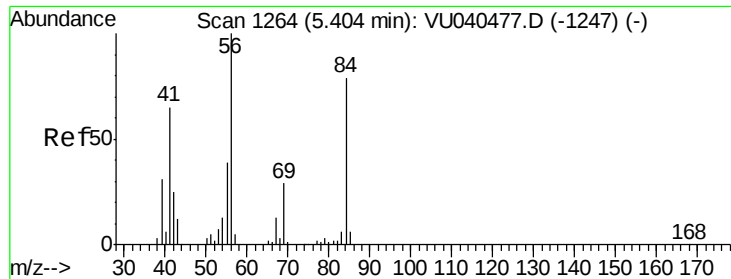
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040498.D
Acq On : 03 Oct 2020 22:29
Operator : SY/MD
Sample : L4240-10 200X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S8

Quant Time: Oct 05 03:47:24 2020
Quant Method : Z:\V0ASRV\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

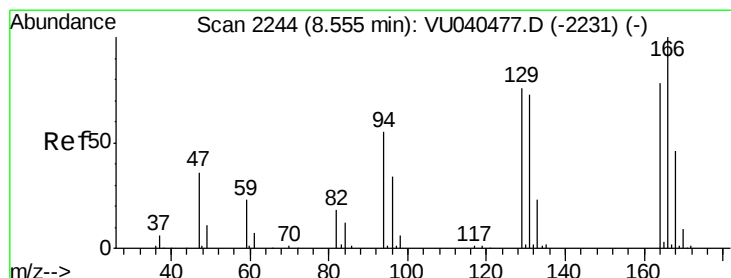
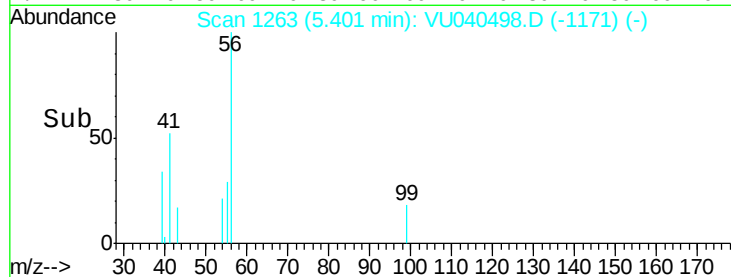
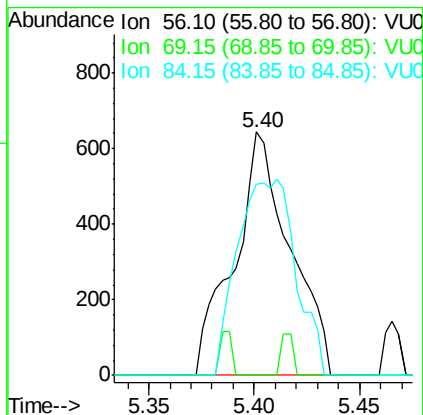
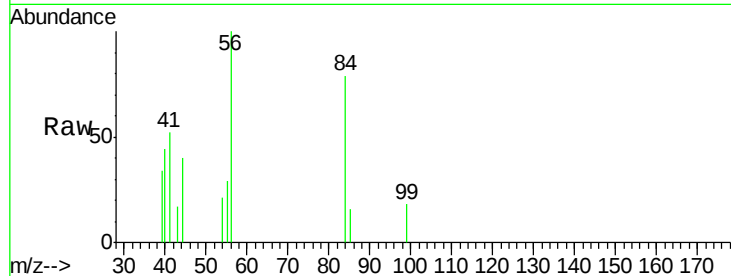




#30
Cyclohexane
Concen: 0.070 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040498.D
Acq: 03 Oct 2020 22:29

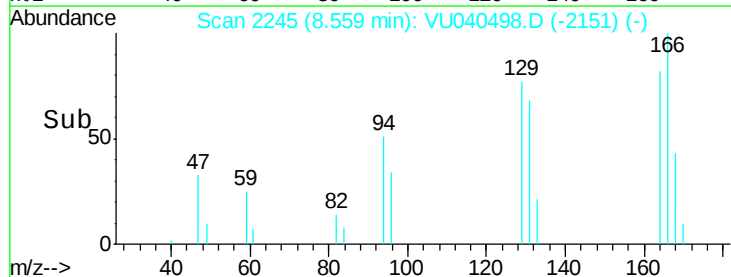
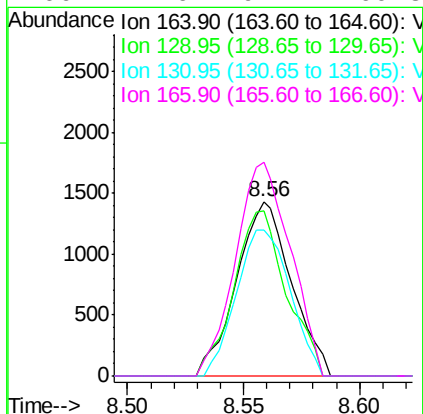
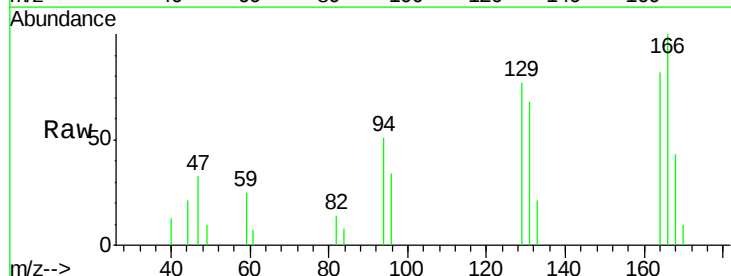
Instrument :
MSVOA_U
ClientSampleId :
BG3S8

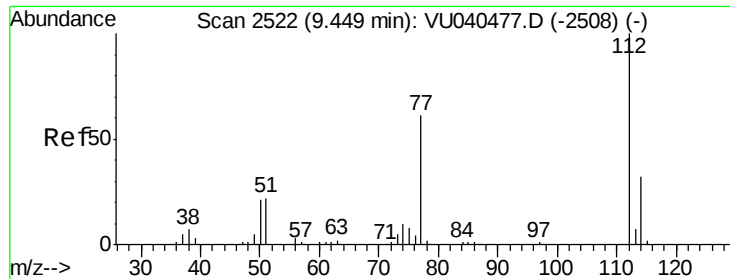
Tot Ion: 56 Resp: 1190
Ion Ratio Lower Upper
56 100
69 3.5 23.3 34.9#
84 83.5 64.2 96.4



#47
Tetrachloroethene
Concen: 0.309 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040498.D
Acq: 03 Oct 2020 22:29

Tgt Ion:164 Resp: 2354
Ion Ratio Lower Upper
164 100
129 94.9 70.3 130.7
131 83.5 69.2 128.6
166 122.6 91.1 169.3





#51

Chlorobenzene

Concen: 0.259 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040498.D

Acq: 03 Oct 2020 22:29

Instrument :

MSVOA_U

ClientSampleId :

BG3S8

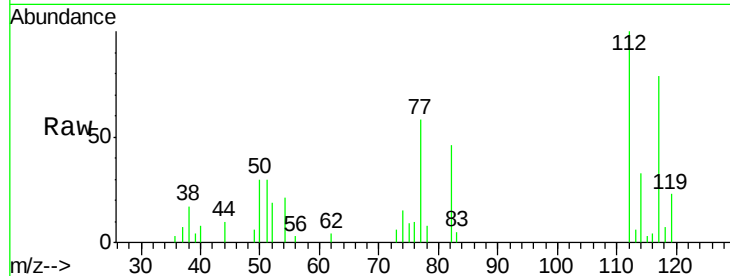
Tot Ion:112 Resp: 6946

Ion Ratio Lower Upper

112 100

114 32.6 22.0 40.8

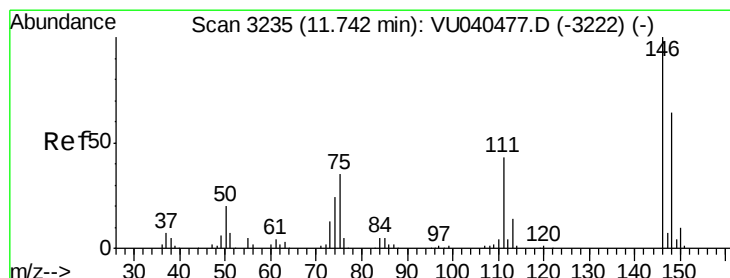
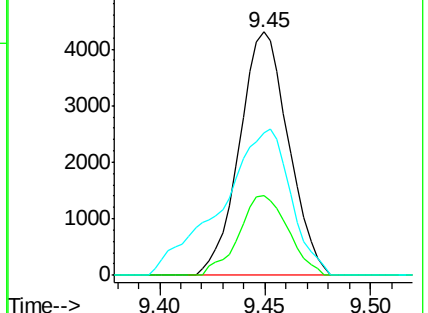
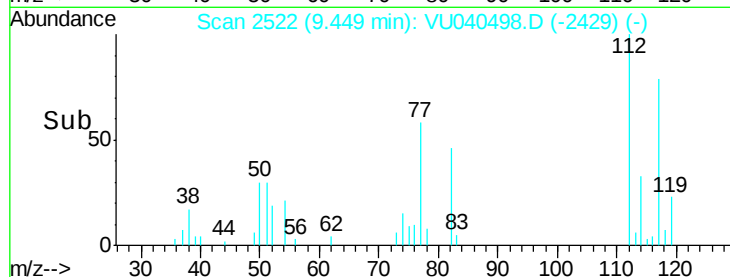
77 58.4 49.5 74.3



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: 0.072 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU040498.D

Acq: 03 Oct 2020 22:29

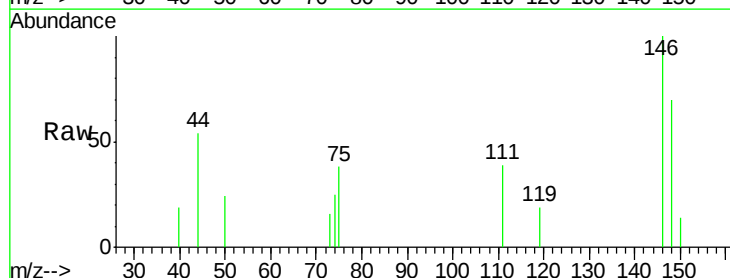
Tgt Ion:146 Resp: 1210

Ion Ratio Lower Upper

146 100

111 38.6 28.6 53.0

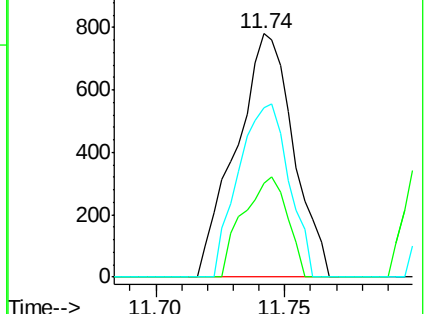
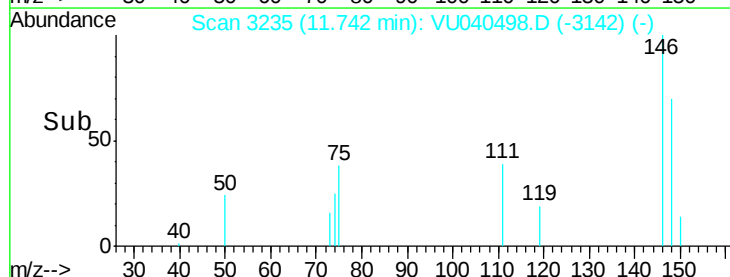
148 69.7 43.4 80.6

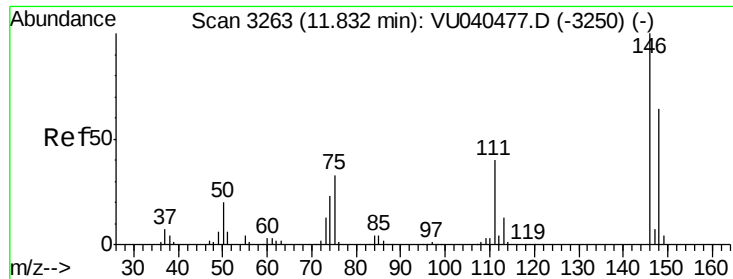


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 0.176 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.01 min

Lab File: VU040498.D

Acq: 03 Oct 2020 22:29

Instrument :

MSVOA_U

ClientSampleId :

BG3S8

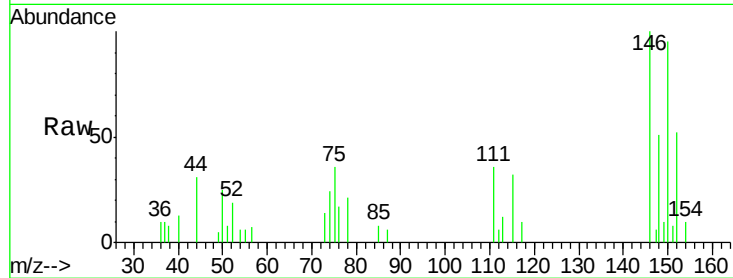
Tot Ion:146 Resp: 3089

Ion Ratio Lower Upper

146 100

111 36.5 29.2 54.2

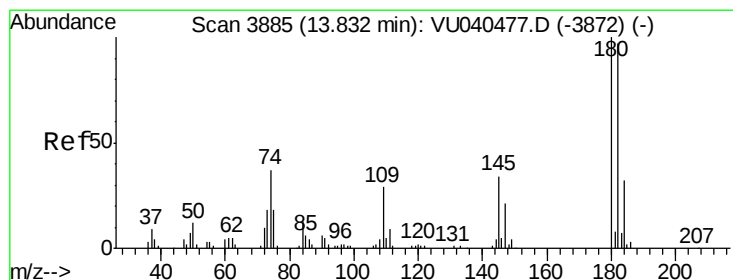
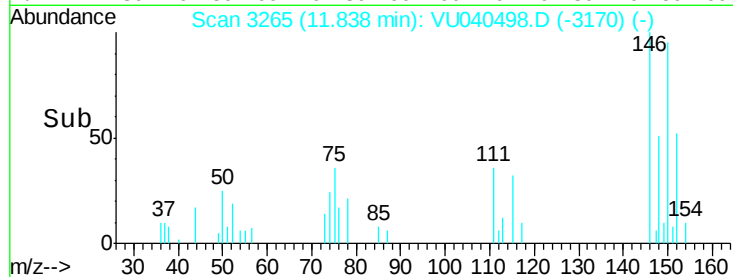
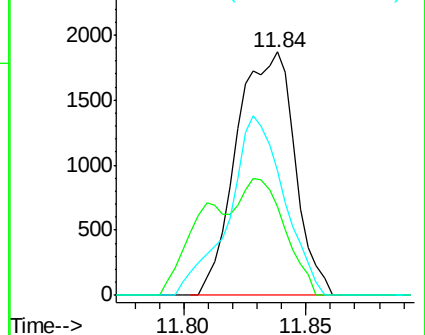
148 51.3 44.4 82.4



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



#68

1,2,4-trichlorobenzene

Concen: 0.398 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU040498.D

Acq: 03 Oct 2020 22:29

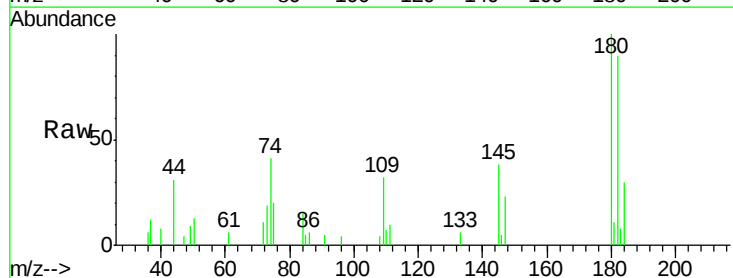
Tgt Ion:180 Resp: 3861

Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

145 36.1 26.3 39.5



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

