

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037779.D
 Acq On : 17 Apr 2020 16:44
 Operator : JC/MD
 Sample : L2292-03DL 10X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 03:56:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251836	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	119365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85021	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	76450	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	110786	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.66	46	293751	56.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	5.10	84	150971	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	92136	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.76	84	321112	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	111059	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.92	98	288972	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	45674	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.65	63	268776	54.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	87774	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	108492	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

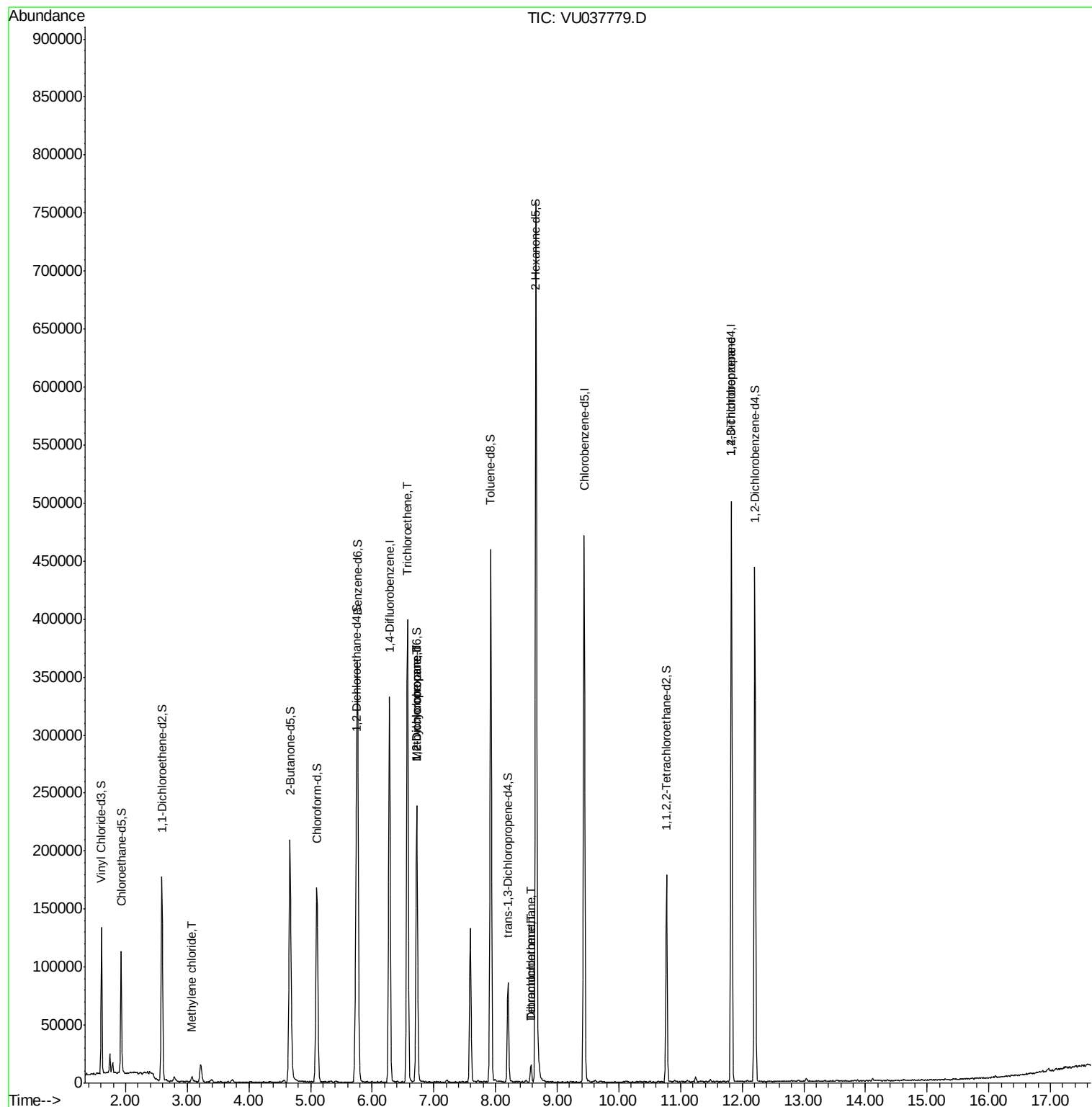
					Ovalue
16) Methylene chloride	3.08	84	1836	0.094 ug/L	93
34) Trichloroethene	6.57	95	135290	6.848 ug/L	98
35) Methylcyclohexane	6.72	83	24037	0.694 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	12304	0.577 ug/L #	87
47) Tetrachloroethene	8.58	164	3160	0.223 ug/L	94
49) Dibromochloromethane	8.57	129	3056	0.186 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17867	1.280 ug/L	94

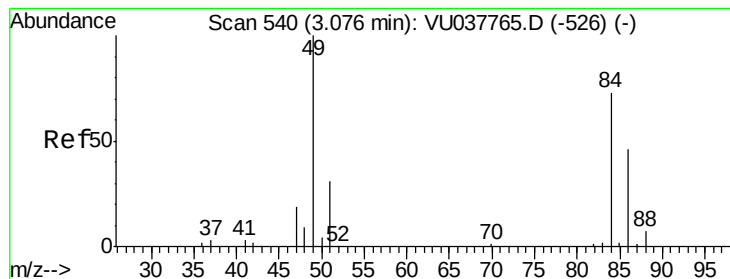
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037779.D
Acq On : 17 Apr 2020 16:44
Operator : JC/MD
Sample : L2292-03DL 10X
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 18 03:56:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.094 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037779.D

Acq: 17 Apr 2020 16:44

Instrument :

MSVOA_U

ClientSampleId :

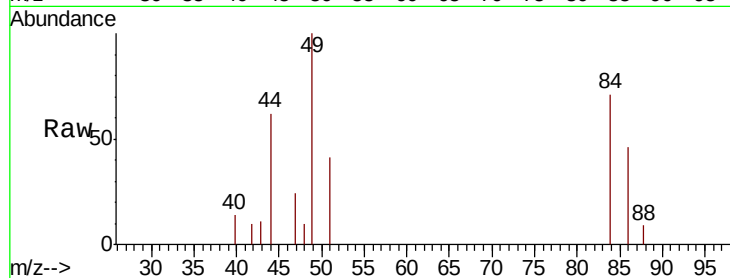
Tot Ion: 84 Resp: 1836

Ion Ratio Lower Upper

84 100

86 65.4 44.2 82.0

49 141.7 92.4 171.6

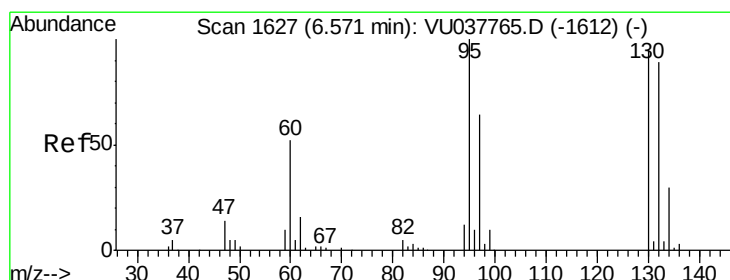
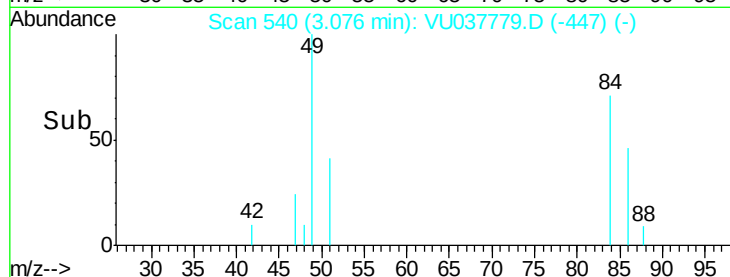
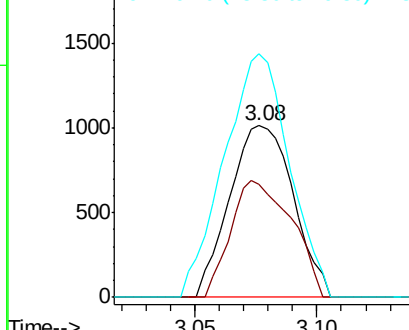


Abundance

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



#34

Trichloroethene

Concen: 6.848 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037779.D

Acq: 17 Apr 2020 16:44

Tgt Ion: 95 Resp: 135290

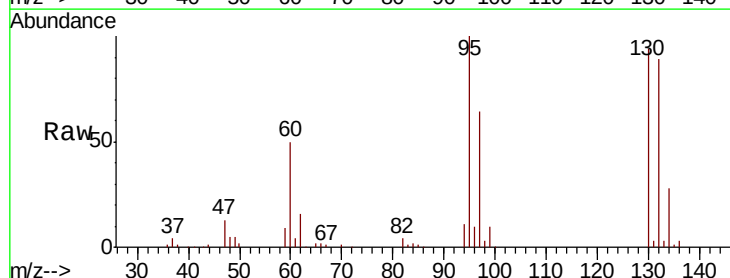
Ion Ratio Lower Upper

95 100

97 64.4 45.4 84.2

132 89.1 63.7 118.3

130 94.1 68.7 127.5



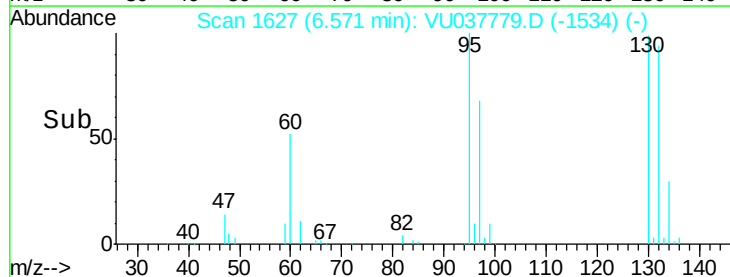
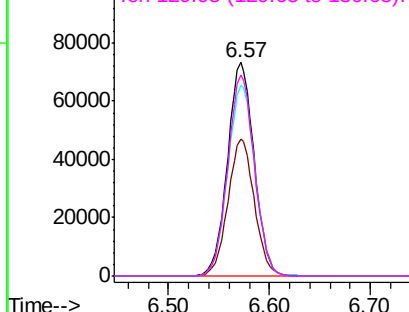
Abundance

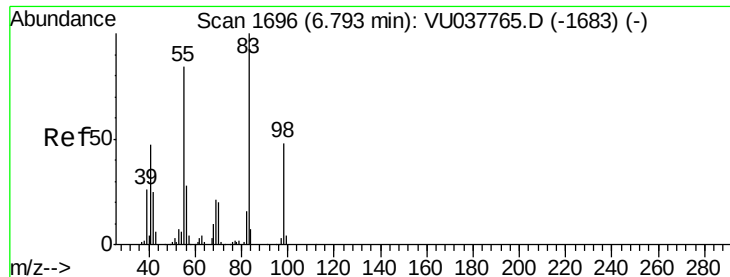
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

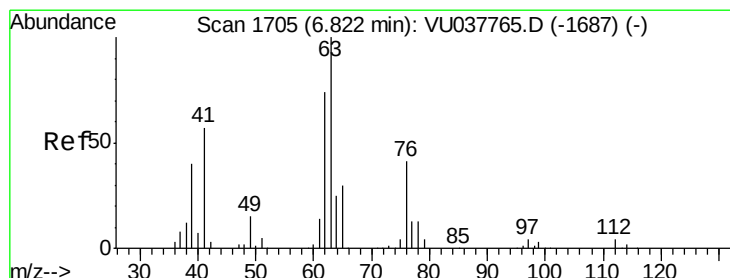
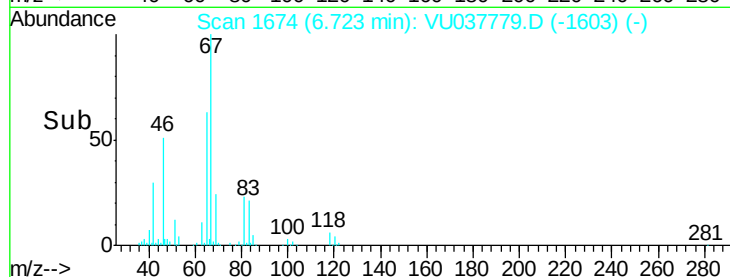
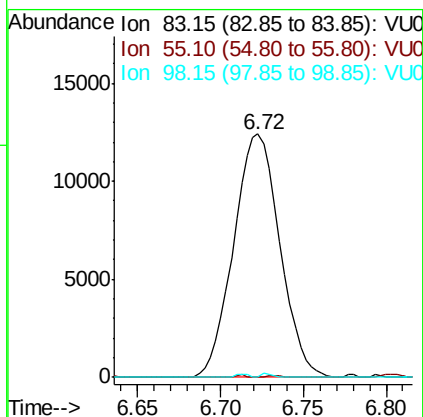
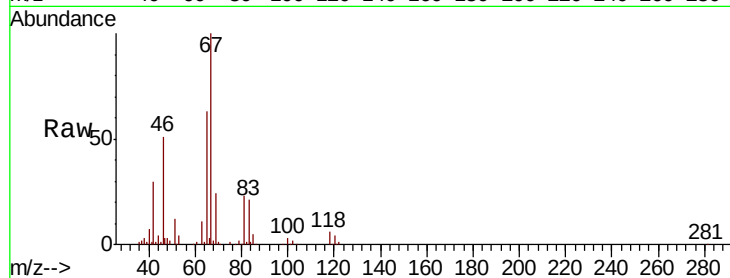




#35
Methvlcvclohexane
Concen: 0.694 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037779.D
Acq: 17 Apr 2020 16:44

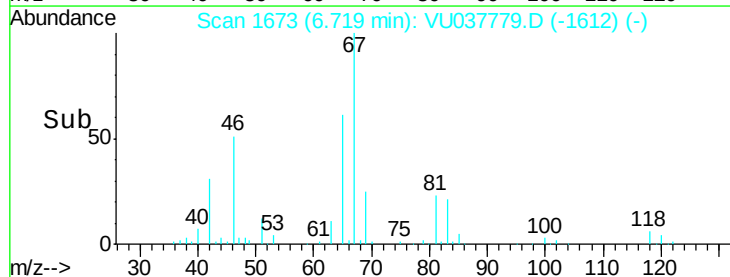
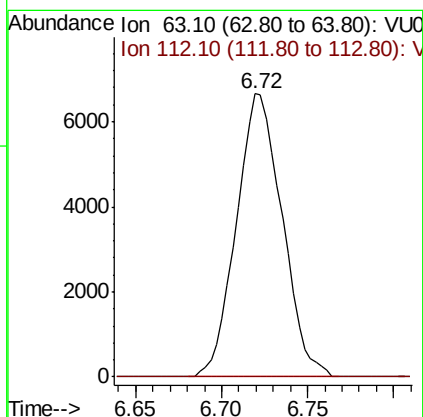
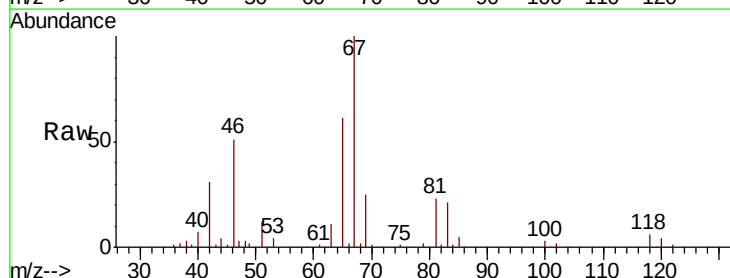
Instrument :
MSVOA_U
ClientSampleId :

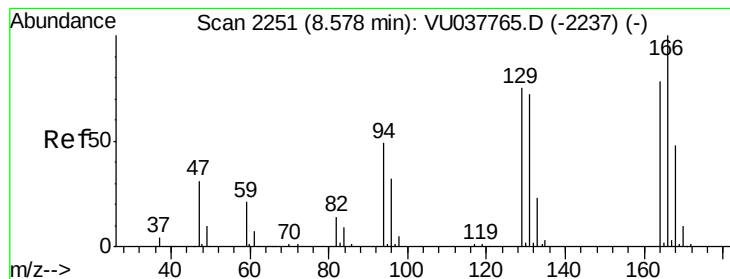
Tot Ion: 83 Resp: 24037
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037779.D
Acq: 17 Apr 2020 16:44

Tgt Ion: 63 Resp: 12304
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 0.223 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037779.D

Acq: 17 Apr 2020 16:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 3160

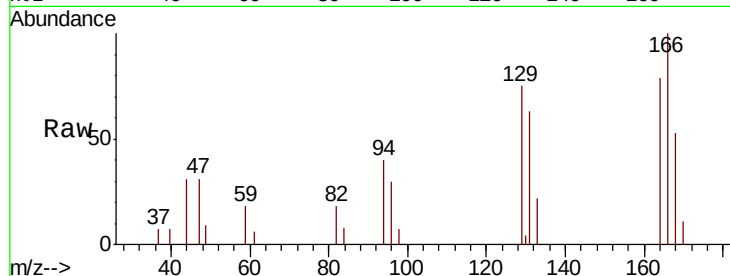
Ion Ratio Lower Upper

164 100

129 94.8 68.1 126.5

131 79.6 65.9 122.5

166 127.2 89.7 166.7

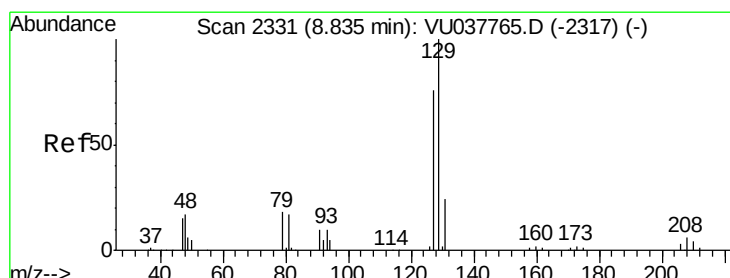
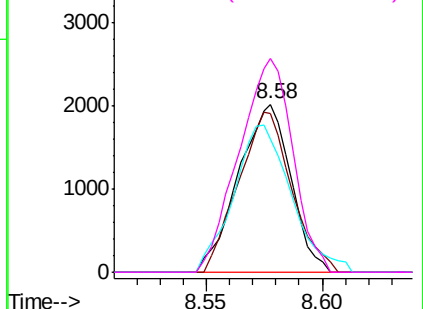
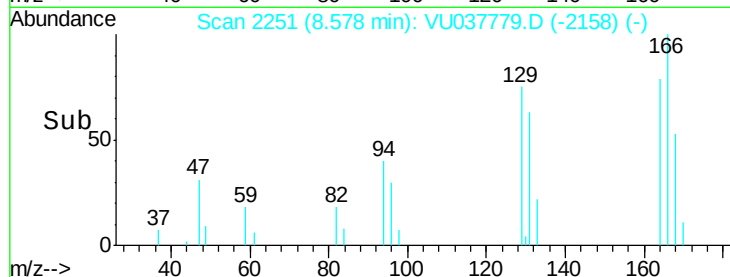


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.186 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037779.D

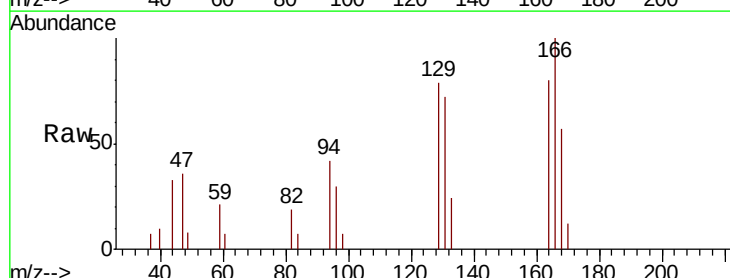
Acq: 17 Apr 2020 16:44

Tgt Ion:129 Resp: 3056

Ion Ratio Lower Upper

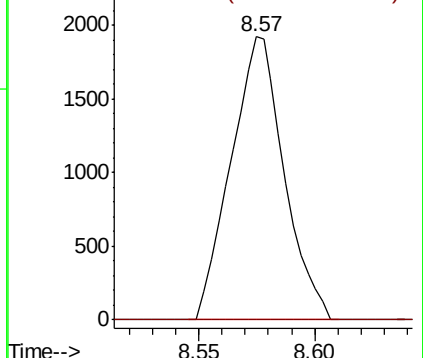
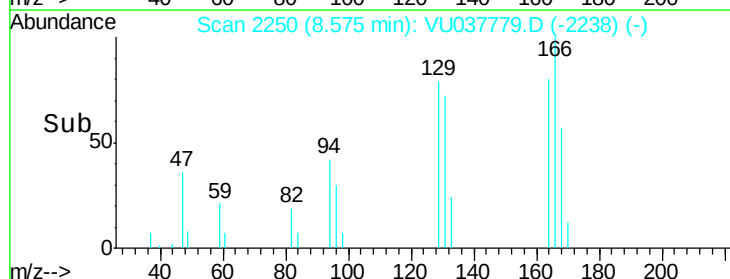
129 100

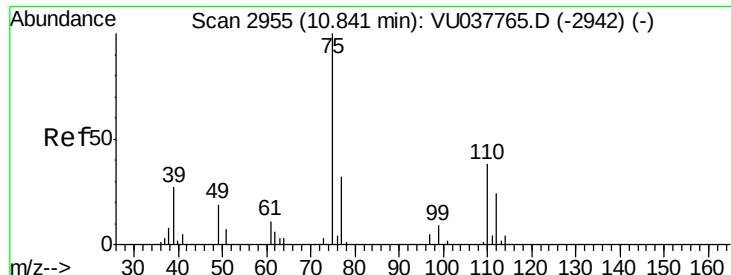
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.280 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037779.D

Acq: 17 Apr 2020 16:44

Instrument :

MSVOA_U

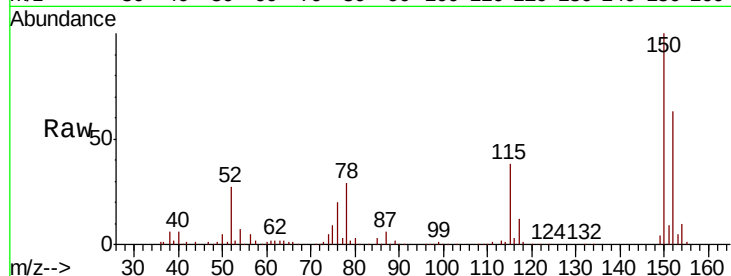
ClientSampleId :

Tot Ion: 75 Resp: 17867

Ion Ratio Lower Upper

75 100

77 34.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

