

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039457.D
 Acq On : 11 Jul 2020 02:47
 Operator : SY/MD
 Sample : L3268-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:03:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	86789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17632	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.93	69	24191	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	29738	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.66	46	137887	59.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.82%
24) Chloroform-d	5.08	84	52311	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	36249	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.75	84	99674	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.71	67	36846	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	84790	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.19	79	14067	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	97565	53.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.40%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35758	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37032	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

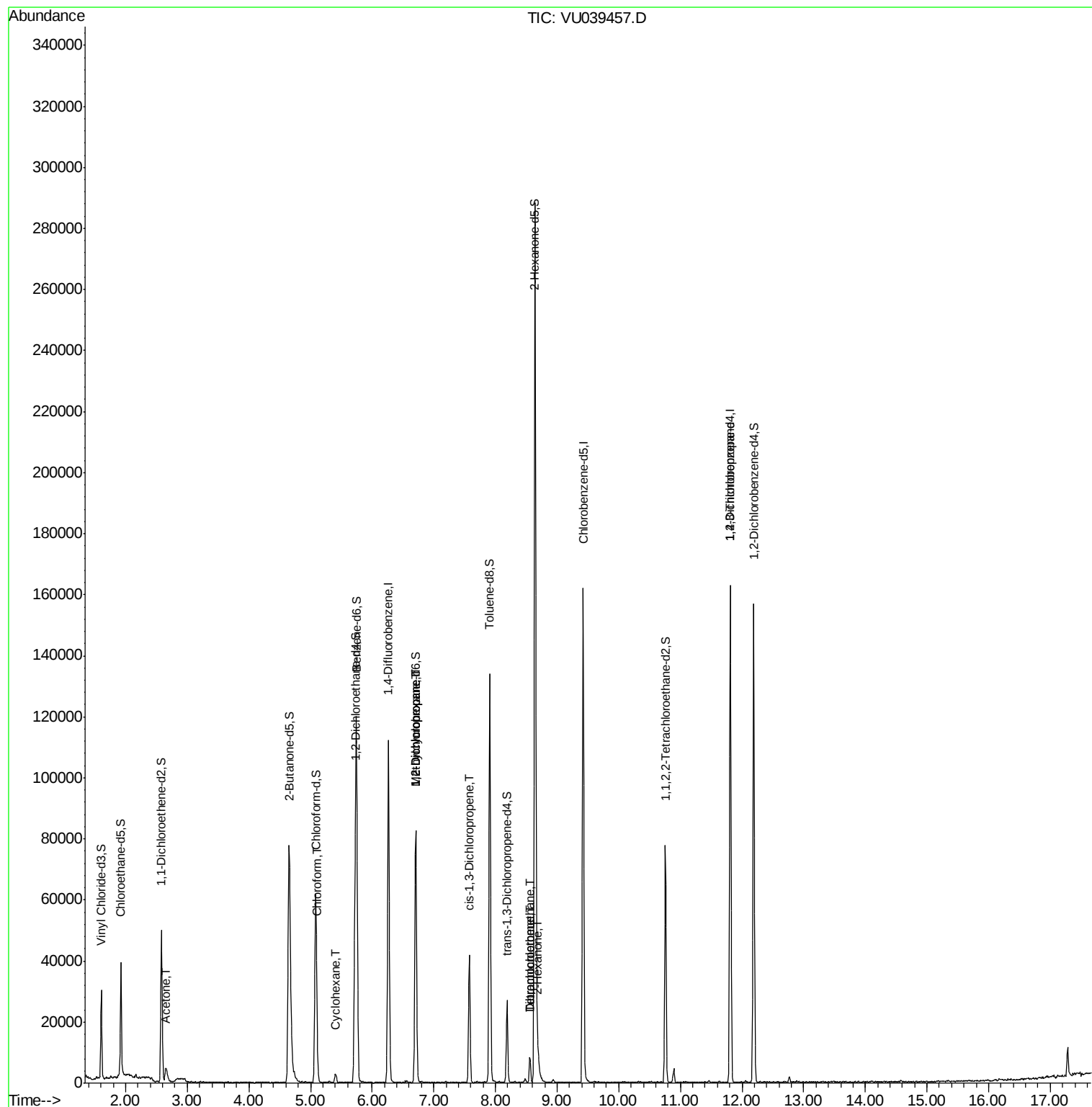
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	8389	6.753	ug/L	94
25) Chloroform	5.11	83	2821	0.250	ug/L	98
30) Cyclohexane	5.40	56	795	0.078	ug/L #	95
35) Methylcyclohexane	6.70	83	8367	0.824	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4208	0.630	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1091	0.108	ug/L	91
47) Tetrachloroethene	8.56	164	1452	0.329	ug/L	91
48) 2-Hexanone	8.69	43	4662	1.134	ug/L #	88
49) Dibromochloromethane	8.56	129	1496	0.257	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6051	1.228	ug/L	91

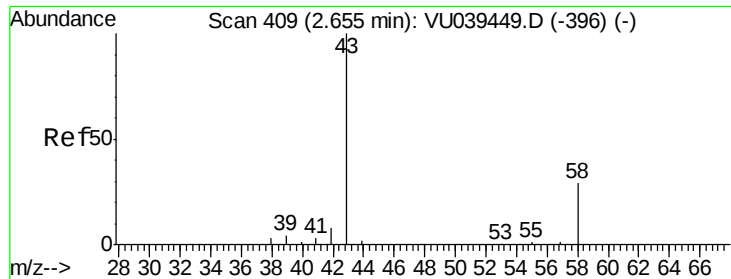
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 05:00:40 2020
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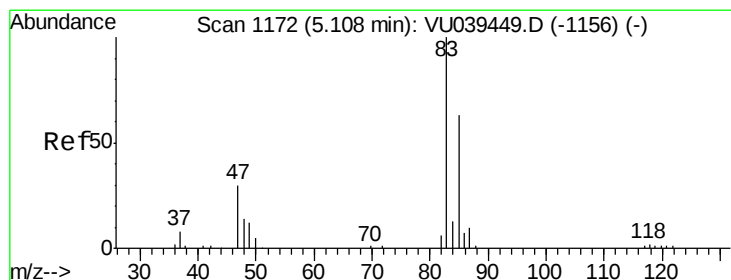
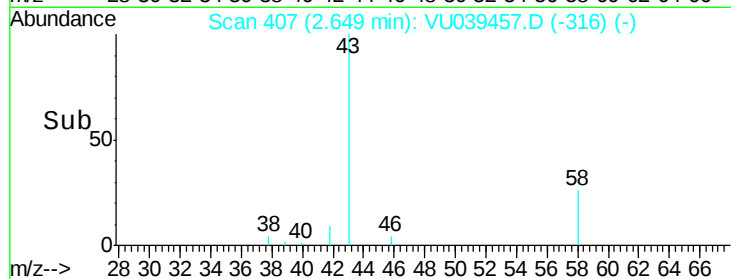
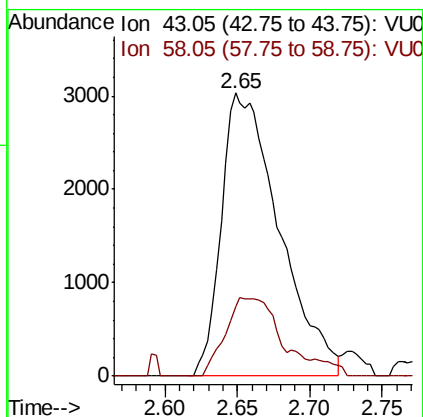
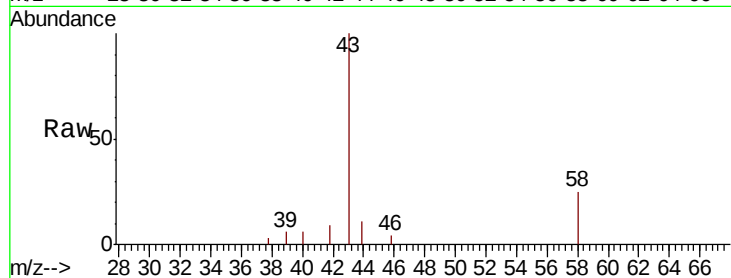




#13
Acetone
Concen: 6.753 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.01 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

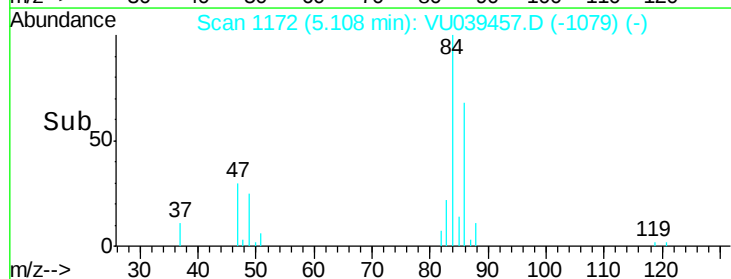
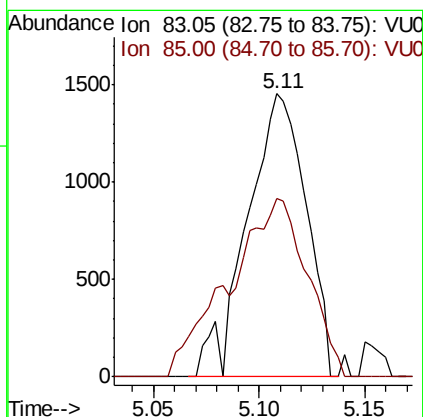
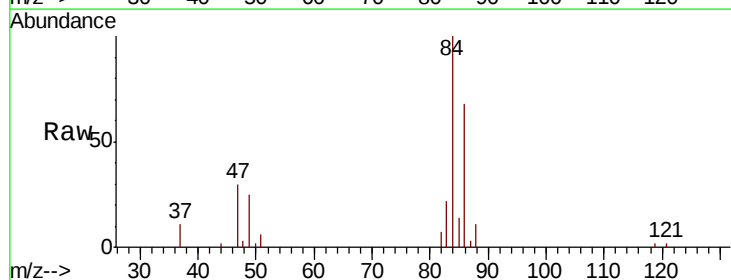
Instrument :
MSVOA_U
ClientSampleId :

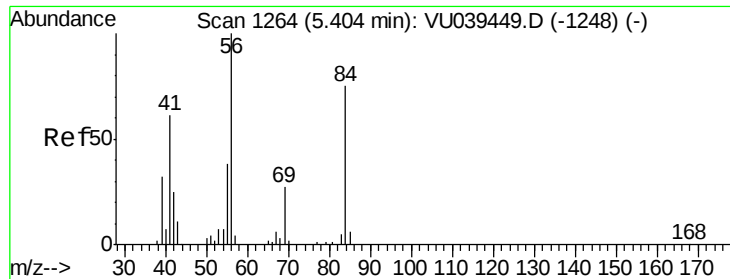
Tot Ion: 43 Resp: 8389
Ion Ratio Lower Upper
43 100
58 28.1 0.0 62.8



#25
Chloroform
Concen: 0.250 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Tgt Ion: 83 Resp: 2821
Ion Ratio Lower Upper
83 100
85 62.8 44.9 83.5

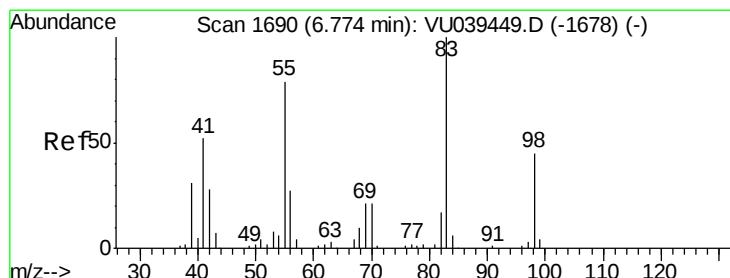
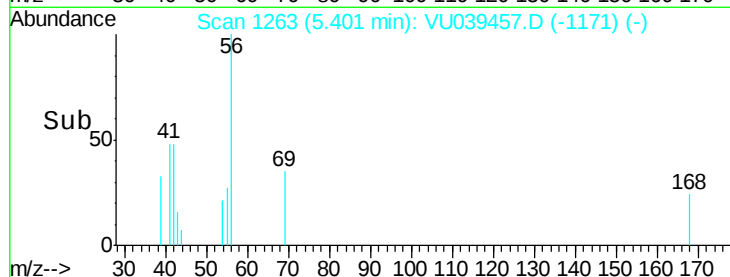
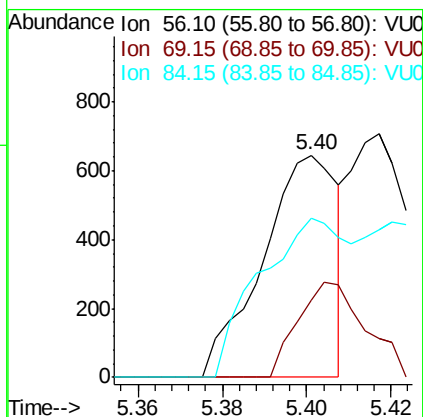
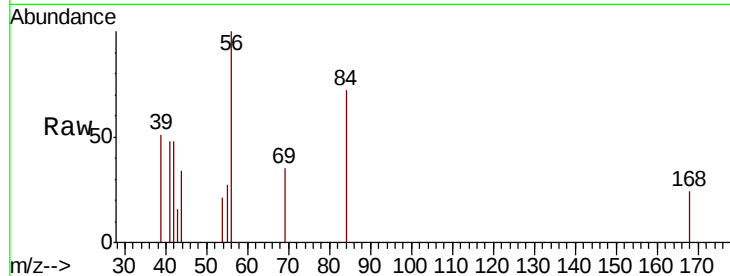




#30
Cyclohexane
Concen: 0.078 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

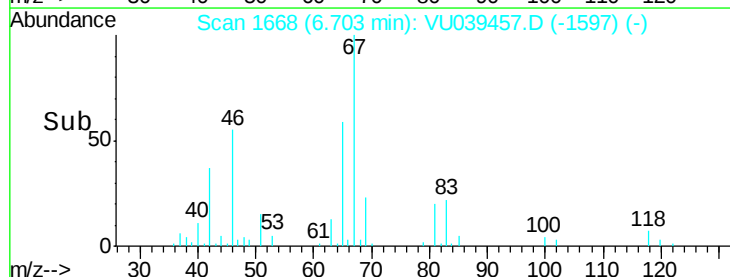
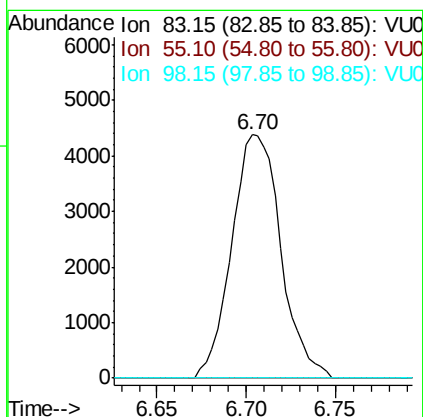
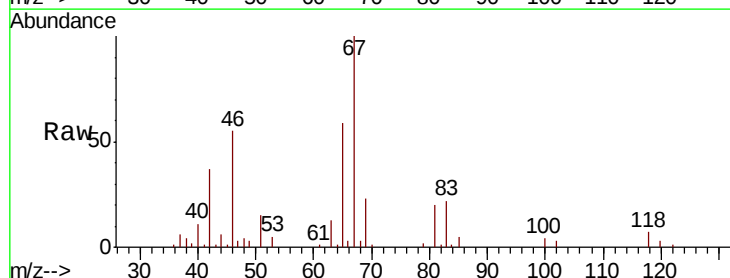
Instrument :
MSVOA_U
ClientSampleId :

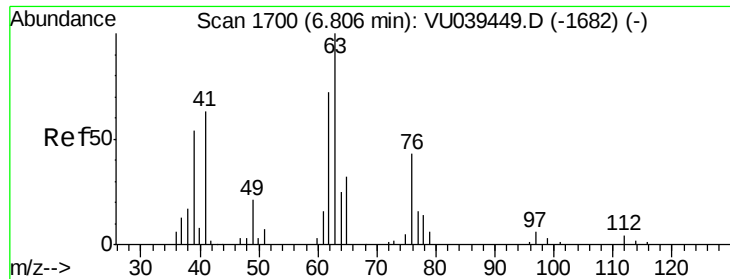
Tot Ion: 56 Resp: 795
Ion Ratio Lower Upper
56 100
69 38.5 24.1 36.1#
84 84.7 67.0 100.6



#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Tgt Ion: 83 Resp: 8367
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039457.D

Acq: 11 Jul 2020 02:47

Instrument :

MSVOA_U

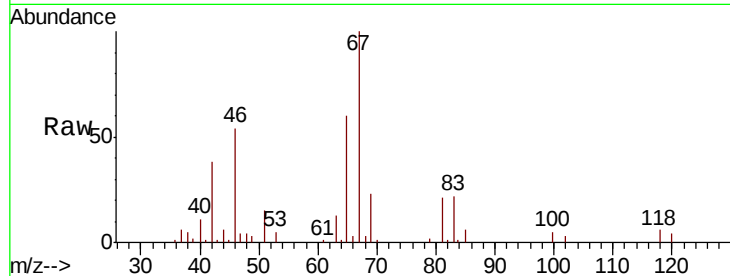
ClientSampleId :

Tot Ion: 63 Resp: 4208

Ion Ratio Lower Upper

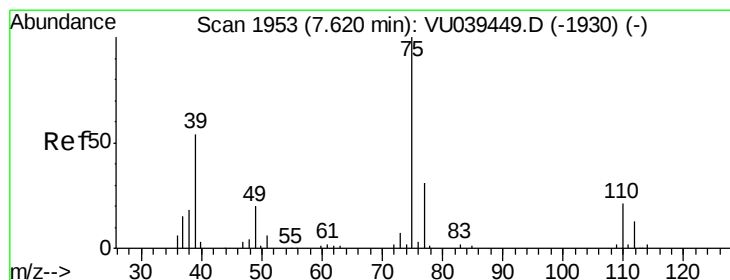
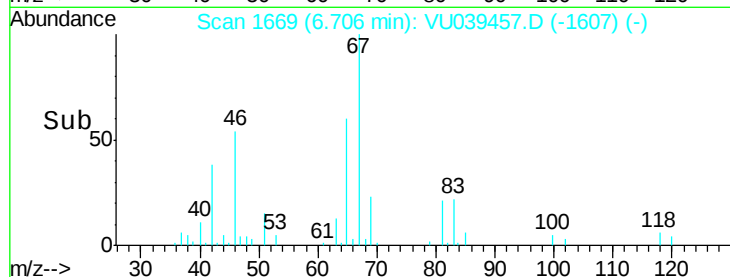
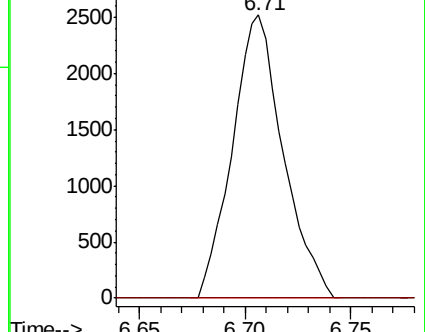
63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039449.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039449.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039457.D

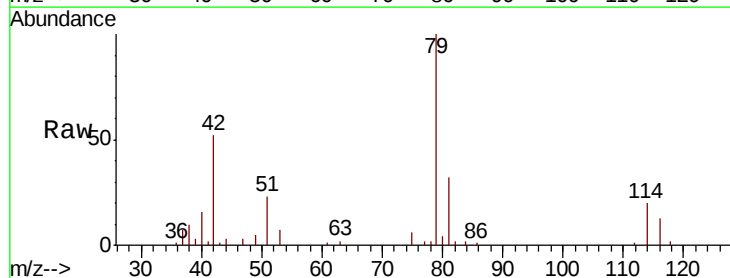
Acq: 11 Jul 2020 02:47

Tgt Ion: 75 Resp: 1091

Ion Ratio Lower Upper

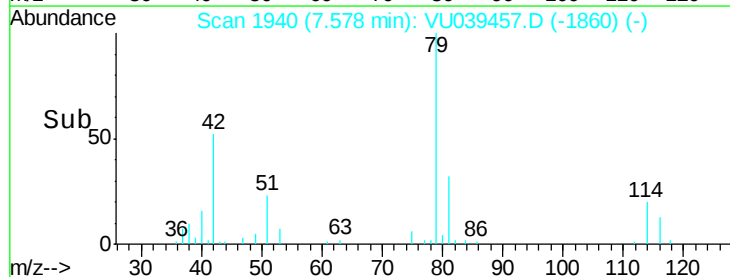
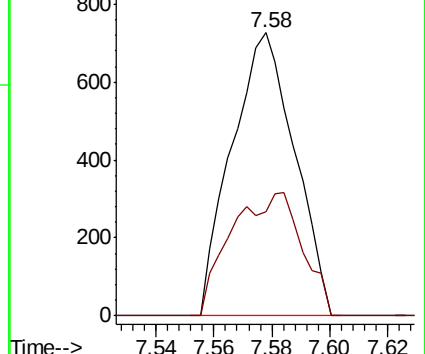
75 100

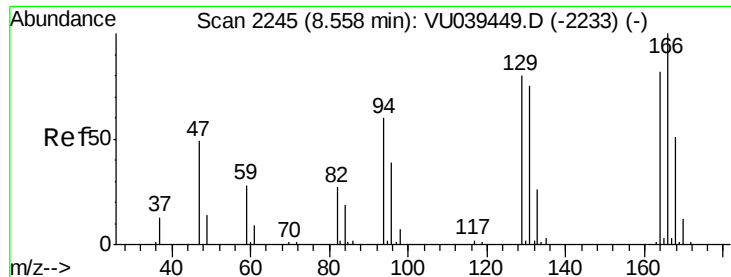
77 36.6 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU039449.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039449.D (-1930) (-)

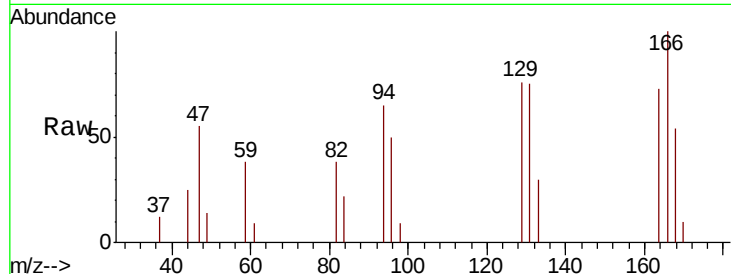




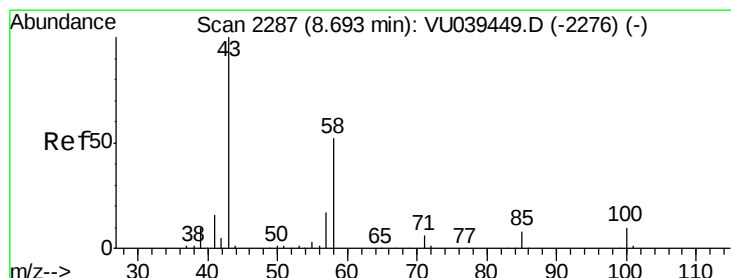
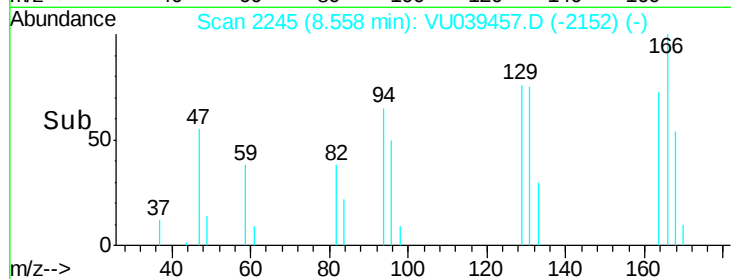
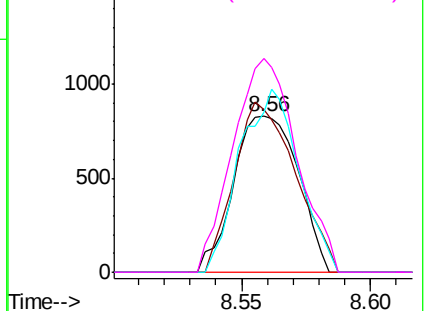
#47
Tetrachloroethene
Concen: 0.329 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 1452
Ion Ratio Lower Upper
164 100
129 104.1 68.6 127.4
131 102.8 66.4 123.4
166 137.2 85.9 159.5

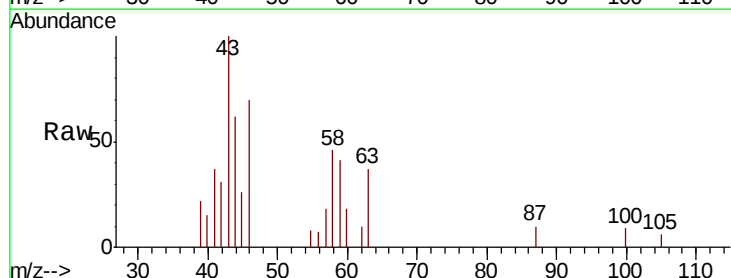


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

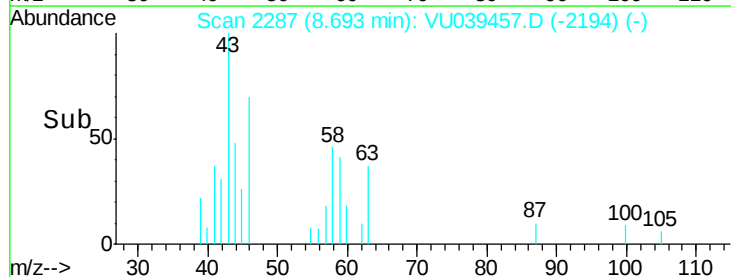
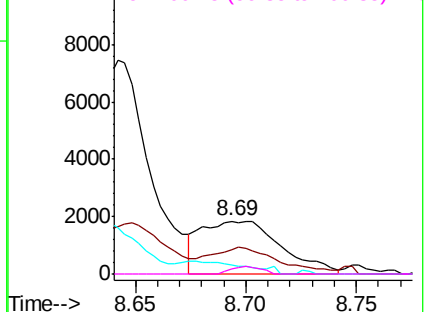


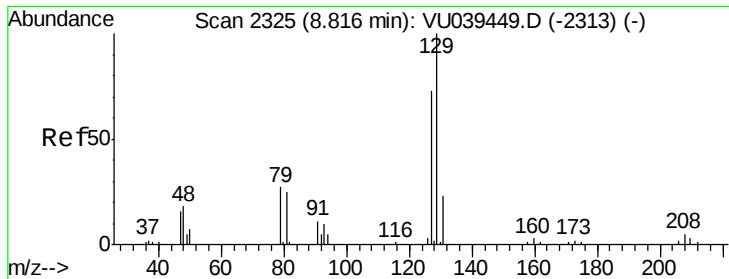
#48
2-Hexanone
Concen: 1.134 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039457.D
Acq: 11 Jul 2020 02:47

Tgt Ion: 43 Resp: 4662
Ion Ratio Lower Upper
43 100
58 42.6 42.0 63.0
57 18.9 14.0 21.0
100 5.4 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.257 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039457.D

Acq: 11 Jul 2020 02:47

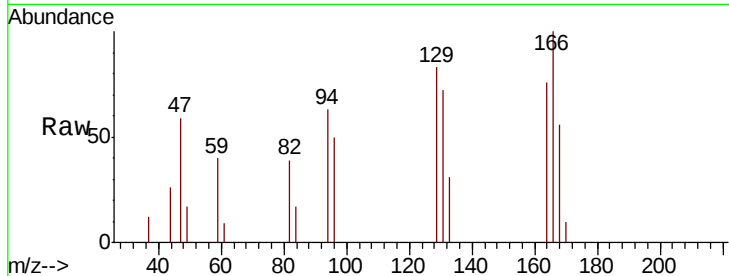
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 1496

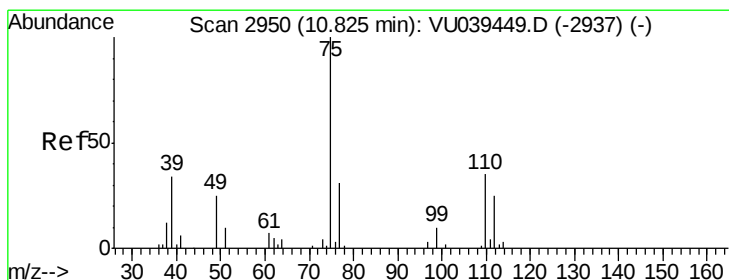
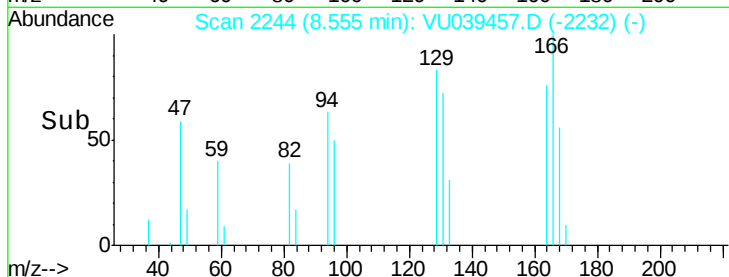
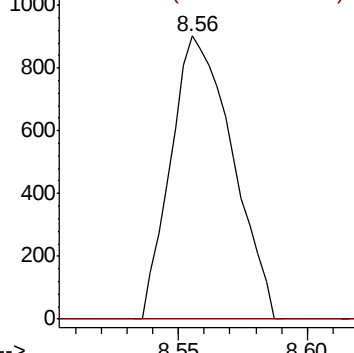
Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



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: 1.228 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039457.D

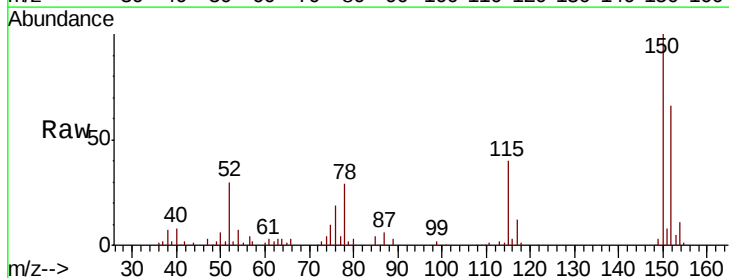
Acq: 11 Jul 2020 02:47

Tgt Ion: 75 Resp: 6051

Ion Ratio Lower Upper

75 100

77 38.8 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

