

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071020\
 Data File : VU039448.D
 Acq On : 10 Jul 2020 22:15
 Operator : SY/MD
 Sample : L3268-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19743	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	25833	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	33583	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	150012	60.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.32%
24) Chloroform-d	5.09	84	58087	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	38726	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.75	84	107487	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.71	67	38966	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.91	98	91932	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	8.19	79	14935	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	108535	56.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.10%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37558	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38504	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

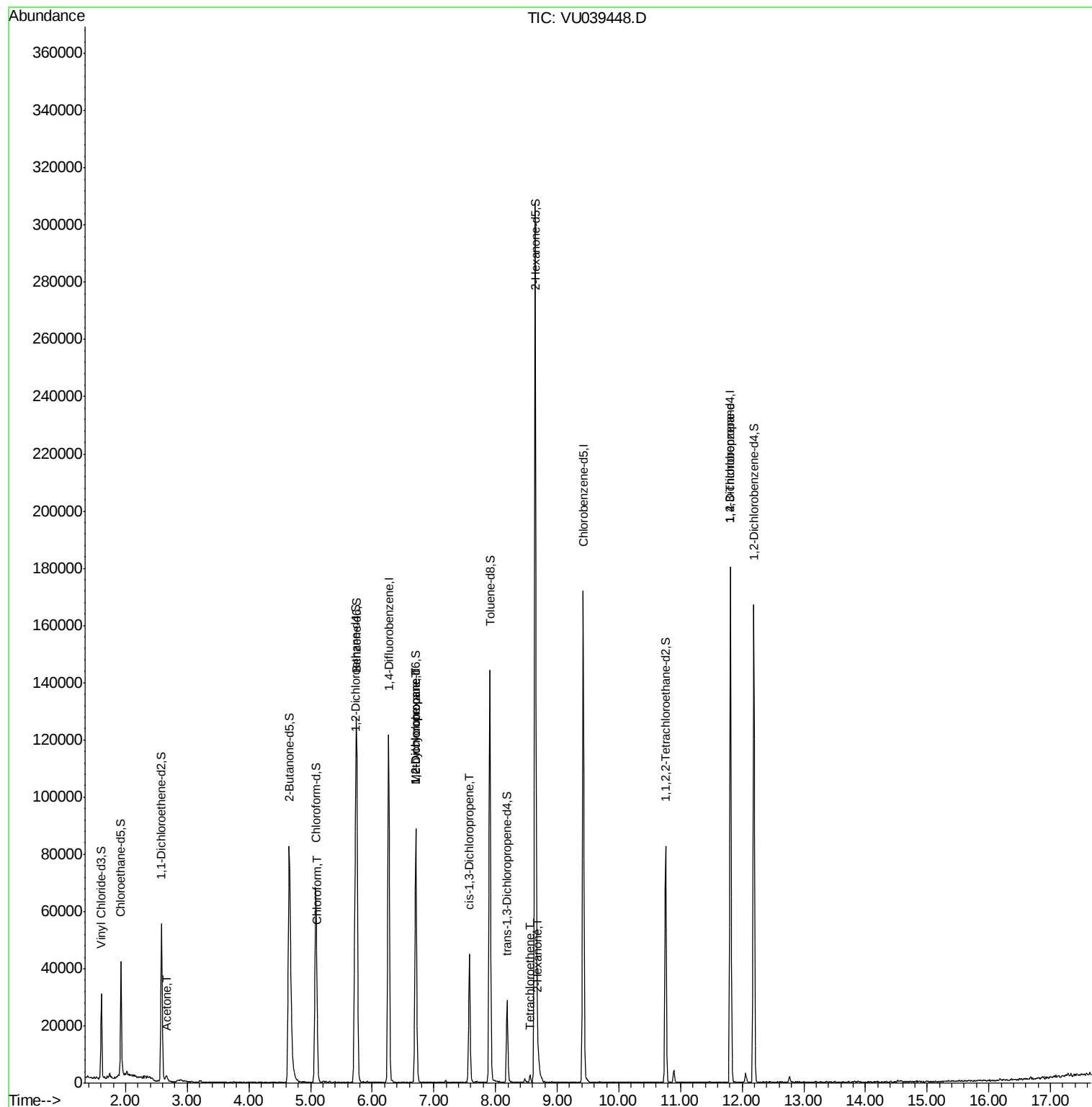
					Ovalue
13) Acetone	2.66	43	3859	2.867 ug/L	92
25) Chloroform	5.11	83	2192	0.179 ug/L	86
35) Methylcyclohexane	6.71	83	8739	0.815 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4549	0.644 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1361	0.128 ug/L #	79
47) Tetrachloroethene	8.56	164	606	0.130 ug/L	85
48) 2-Hexanone	8.69	43	5087	1.171 ug/L #	88
59) 1,2,3-Trichloropropane	11.81	75	6567	1.262 ug/L	92

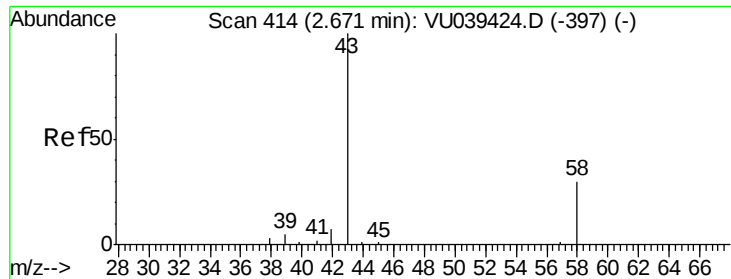
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071020\
Data File : VU039448.D
Acq On : 10 Jul 2020 22:15
Operator : SY/MD
Sample : L3268-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 11 02:55:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration

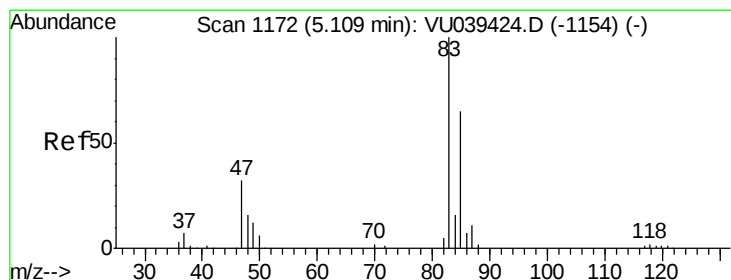
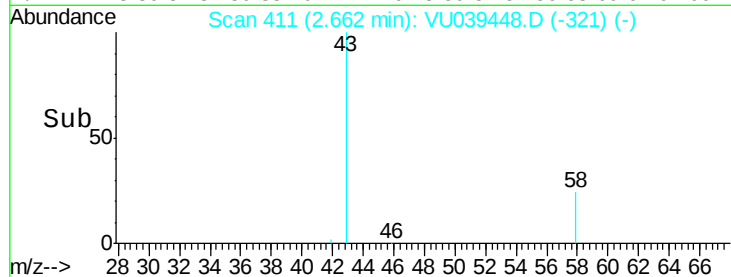
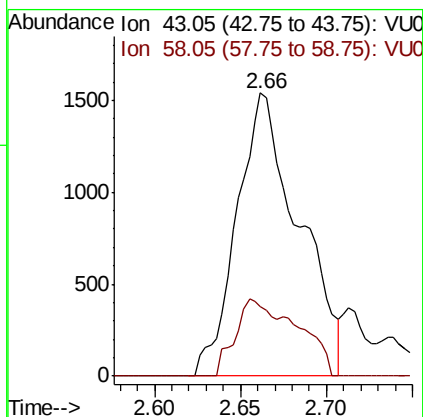
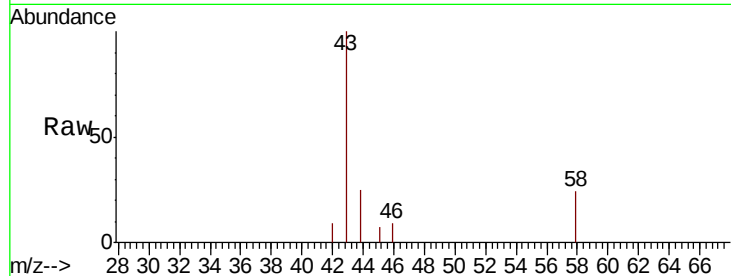




#13
Acetone
Concen: 2.867 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU039448.D
Acq: 10 Jul 2020 22:15

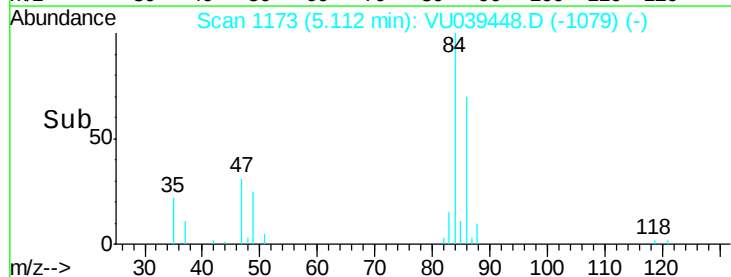
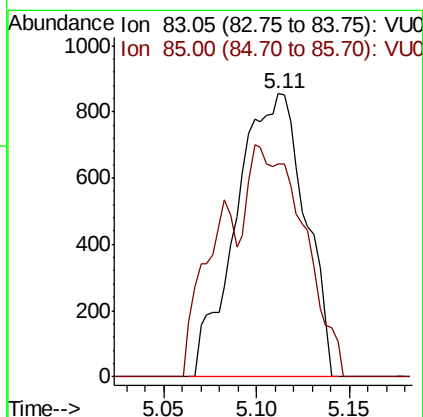
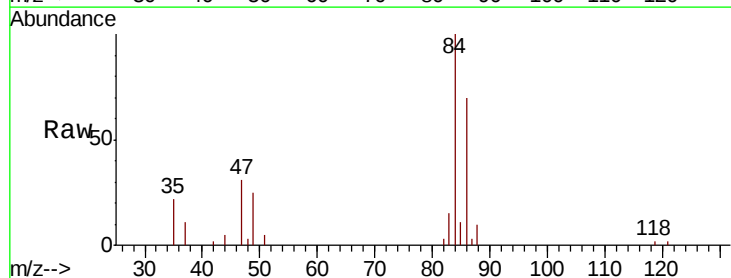
Instrument :
MSVOA_U
ClientSampled :

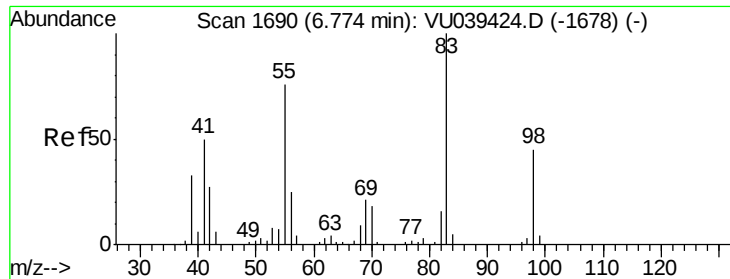
Tot Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 27.2 0.0 62.8



#25
Chloroform
Concen: 0.179 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039448.D
Acq: 10 Jul 2020 22:15

Tgt Ion: 83 Resp: 2192
Ion Ratio Lower Upper
83 100
85 75.4 44.9 83.5

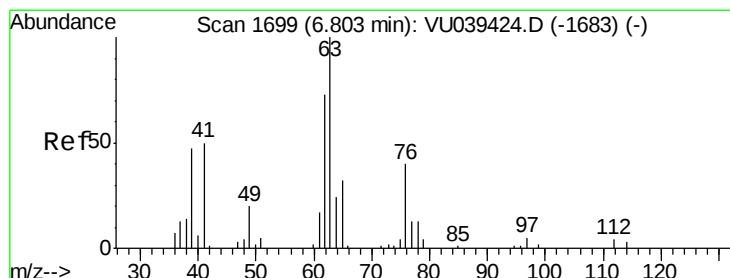
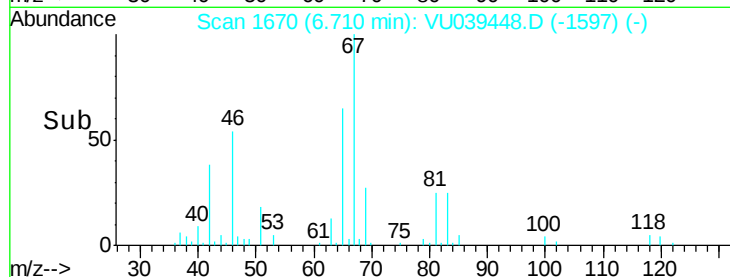
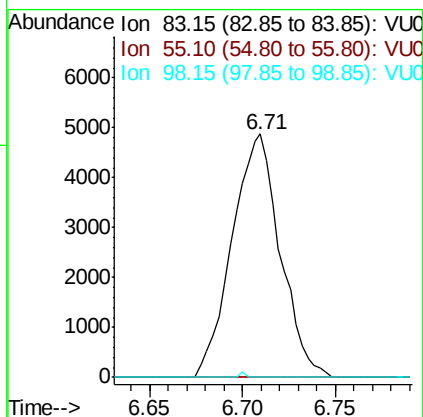
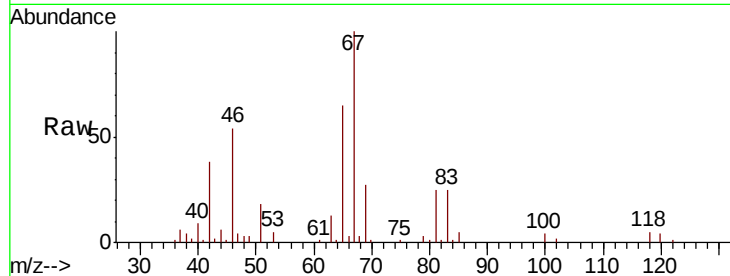




#35
Methvlcvclohexane
Concen: 0.815 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039448.D
Acq: 10 Jul 2020 22:15

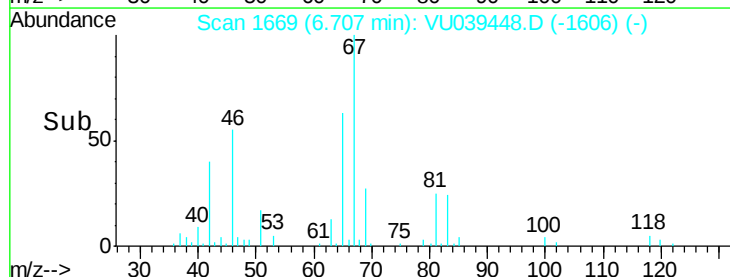
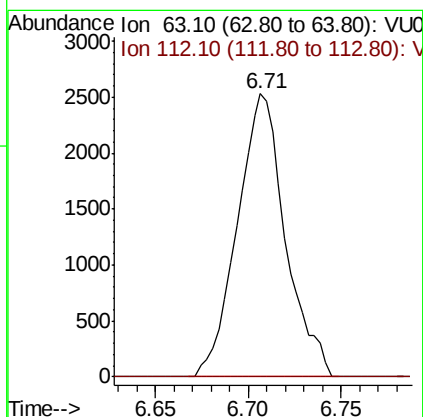
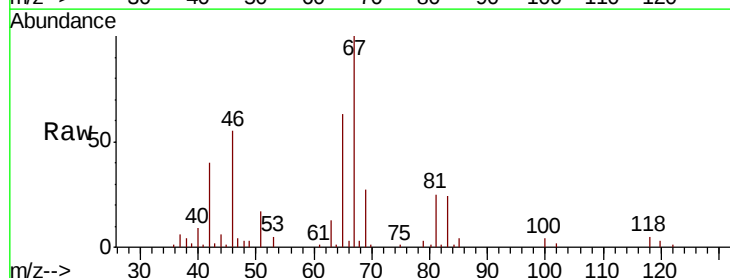
Instrument :
MSVOA_U
ClientSampleId :

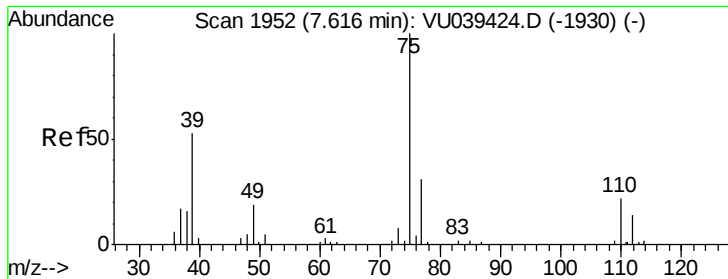
Tot Ion: 83 Resp: 8739
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039448.D
Acq: 10 Jul 2020 22:15

Tgt Ion: 63 Resp: 4549
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039448.D

Acq: 10 Jul 2020 22:15

Instrument :

MSVOA_U

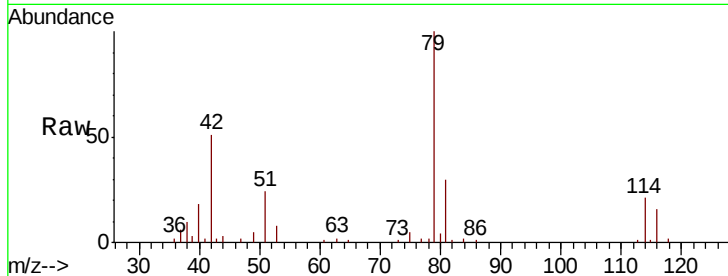
ClientSampled :

Tot Ion: 75 Resp: 1361

Ion Ratio Lower Upper

75 100

77 43.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

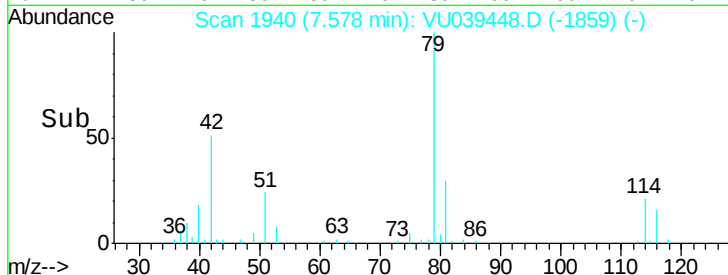
77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

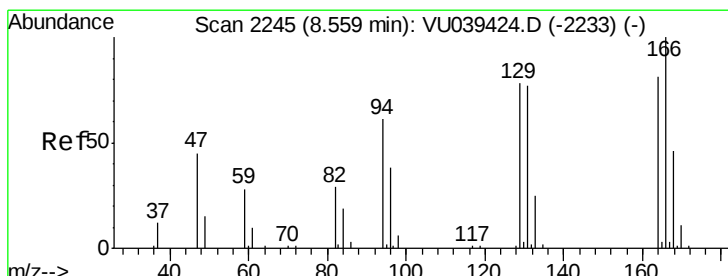
77.05 (76.75 to 77.75): VU039424.D (-1930) (-)

75.05 (74.75 to 75.75): VU039424.D (-1930) (-)

77.05 (76.75 to 77.75): VU039424.D (-1930) (-)



Time-->



#47

Tetrachloroethene

Concen: 0.130 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039448.D

Acq: 10 Jul 2020 22:15

Tgt Ion:164 Resp: 606

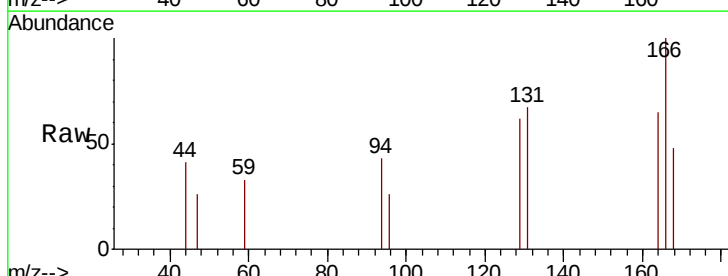
Ion Ratio Lower Upper

164 100

129 95.9 68.6 127.4

131 104.1 66.4 123.4

166 154.7 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

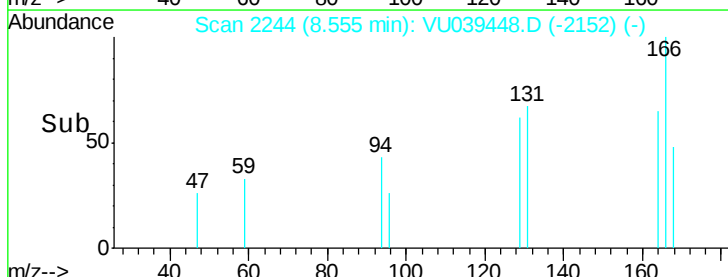
Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)

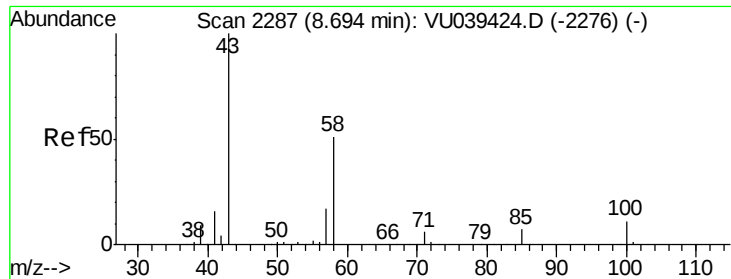
Ion 165.90 (165.60 to 166.60): VU039424.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039424.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039424.D (-2233) (-)



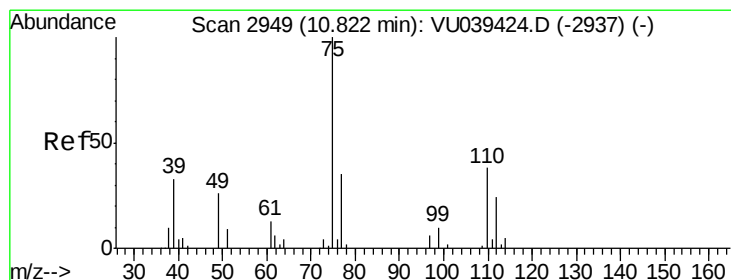
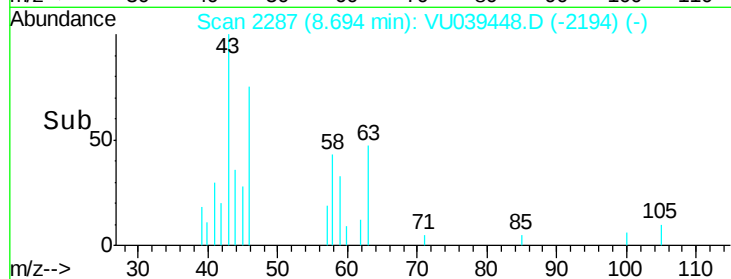
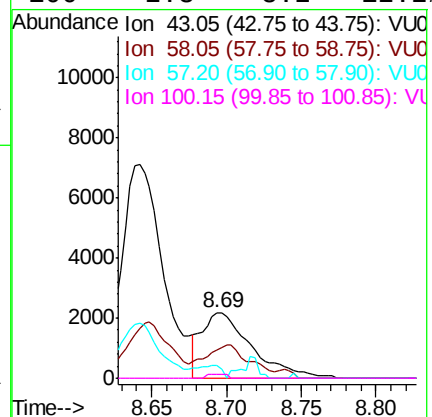
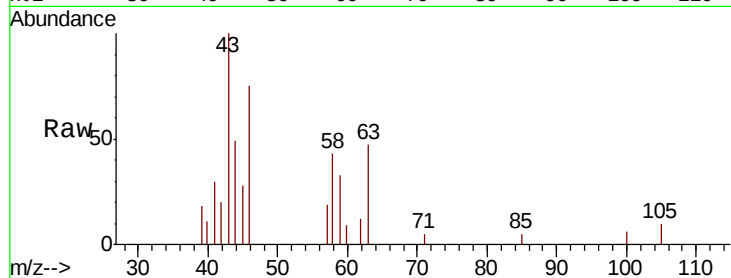
Time-->



#48
2-Hexanone
Concen: 1.171 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039448.D
Acq: 10 Jul 2020 22:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
58 46.0 42.0 63.0
57 10.0 14.0 21.0#
100 2.3 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 1.262 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039448.D
Acq: 10 Jul 2020 22:15

Tgt Ion: 75 Resp: 6567
Ion Ratio Lower Upper
75 100
77 38.1 26.8 40.2

