

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071520\
 Data File : VU039503.D
 Acq On : 15 Jul 2020 16:43
 Operator : SY/MD
 Sample : L3313-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C01

Quant Time: Jul 16 04:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	91853	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41932	5.00	ug/L	0.00

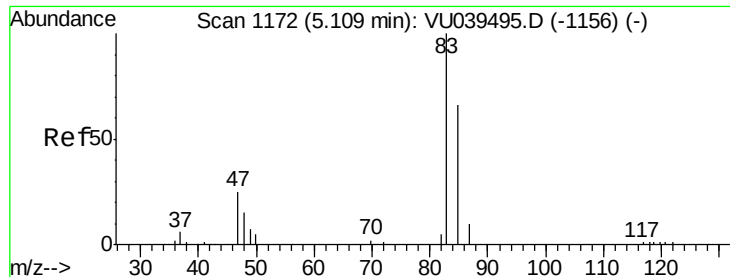
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20506	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.93	69	23385	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	34344	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.65	46	101175	41.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.08%
24) Chloroform-d	5.09	84	48229	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.72	65	31499	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.74	84	96393	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.71	67	33638	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	84454	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.19	79	12272	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	71815	36.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28935	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32473	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
25) Chloroform	5.11	83	3839	0.321 ug/L	94
34) Trichloroethene	6.56	95	73890	10.817 ug/L	99
35) Methylcyclohexane	6.70	83	7494	0.685 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	3969	0.551 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1189	0.109 ug/L #	73
47) Tetrachloroethene	8.56	164	2411	0.507 ug/L	87
48) 2-Hexanone	8.69	43	4139	0.934 ug/L #	81
49) Dibromochloromethane	8.56	129	2327	0.371 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6822	1.285 ug/L	98

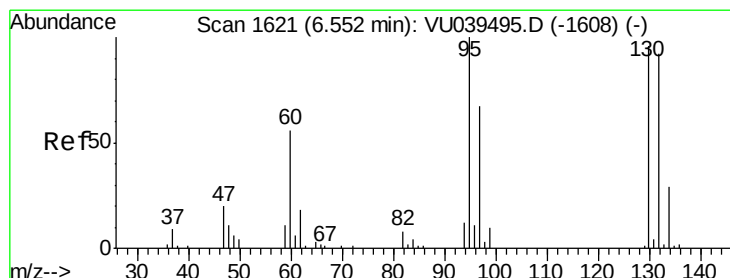
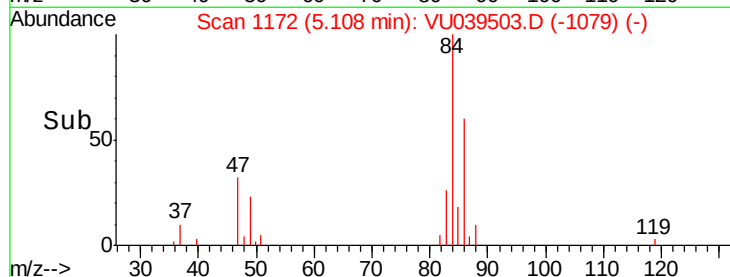
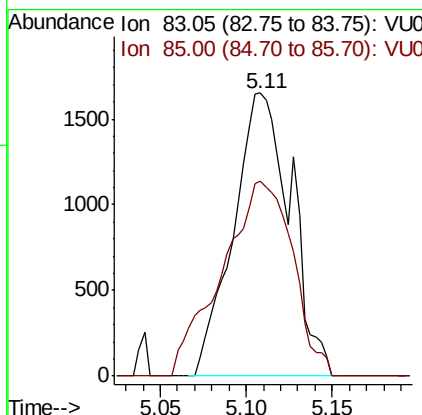
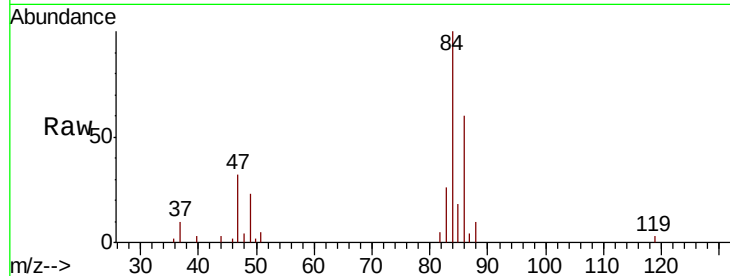
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#25
Chloroform
Concen: 0.321 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039503.D
Acq: 15 Jul 2020 16:43

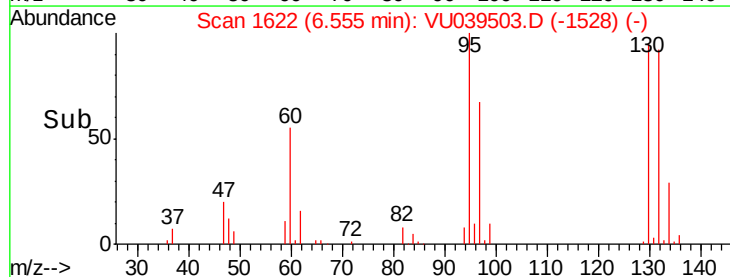
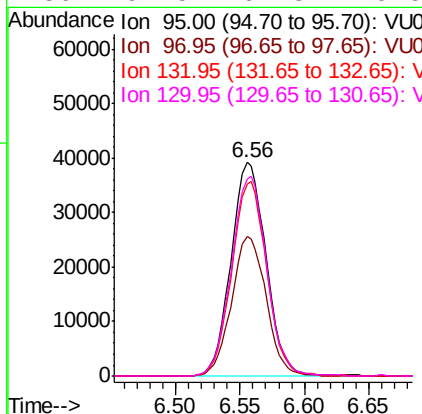
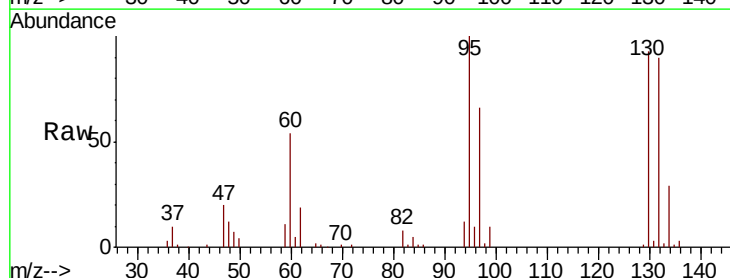
Instrument :
MSVOA_U
ClientSampled :
F4C01

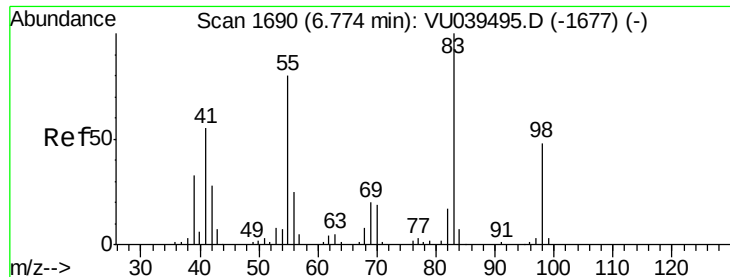
Tot Ion: 83 Resp: 3839
Ion Ratio Lower Upper
83 100
85 68.7 44.9 83.5



#34
Trichloroethene
Concen: 10.817 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039503.D
Acq: 15 Jul 2020 16:43

Tgt Ion: 95 Resp: 73890
Ion Ratio Lower Upper
95 100
97 65.5 46.3 85.9
132 89.9 64.0 118.8
130 92.5 64.3 119.5

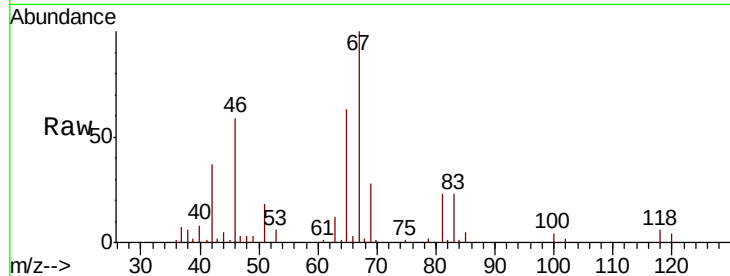




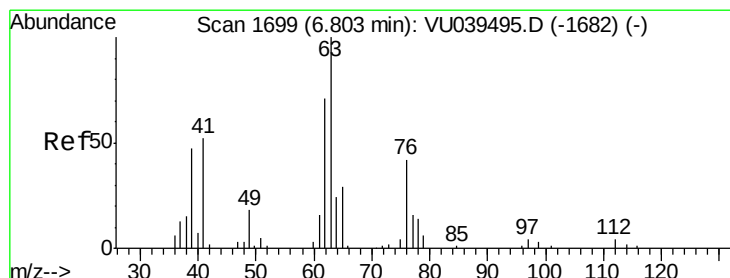
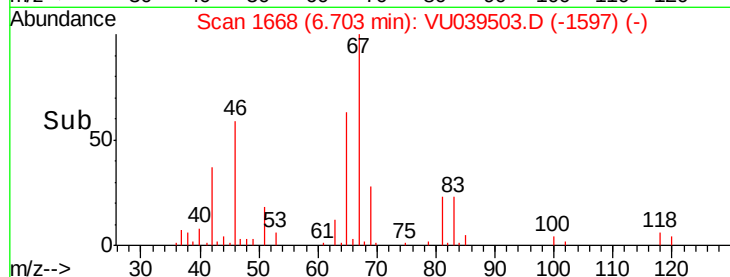
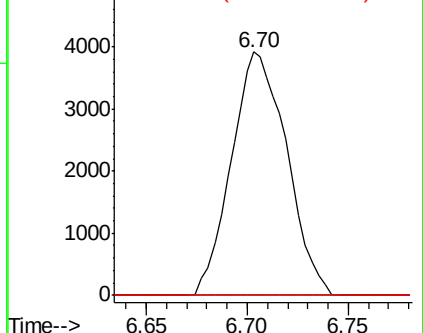
#35
Methylvlcyclohexane
Concen: 0.685 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039503.D
Acq: 15 Jul 2020 16:43

Instrument :
MSVOA_U
ClientSampleId :
F4C01

Tot Ion: 83 Resp: 7494
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

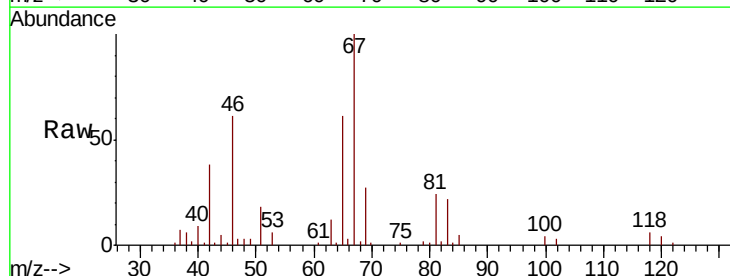


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

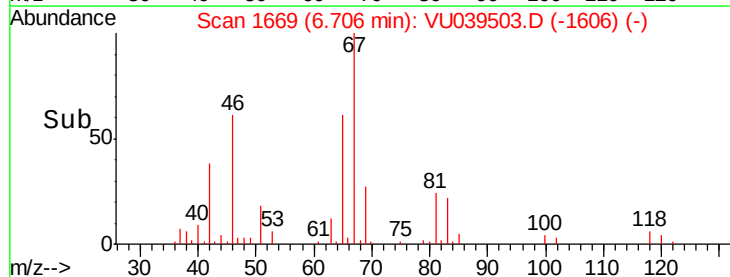
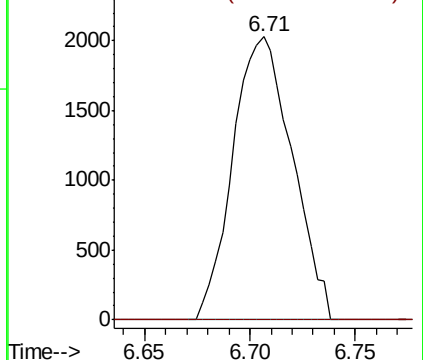


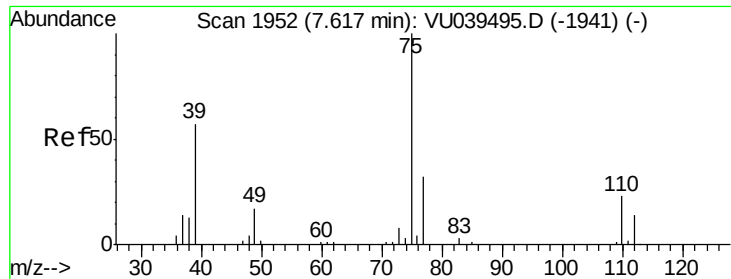
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039503.D
Acq: 15 Jul 2020 16:43

Tgt Ion: 63 Resp: 3969
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

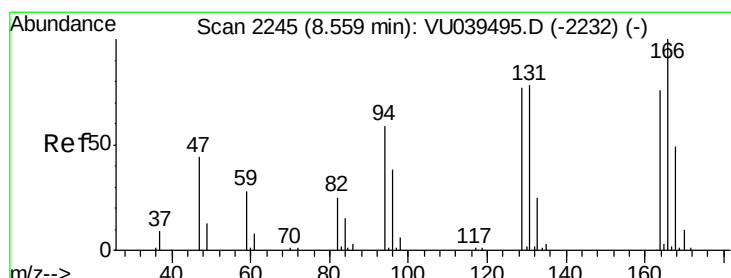
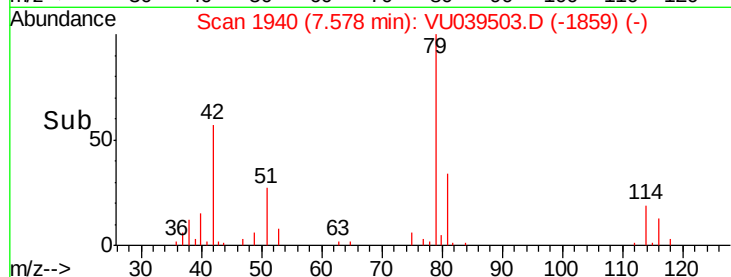
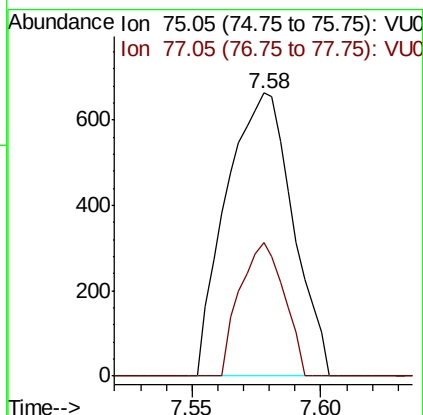
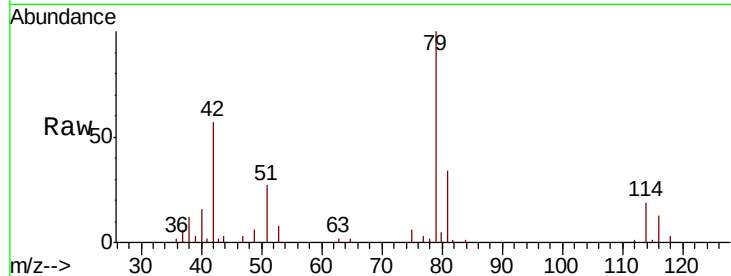




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039503.D
 Acq: 15 Jul 2020 16:43

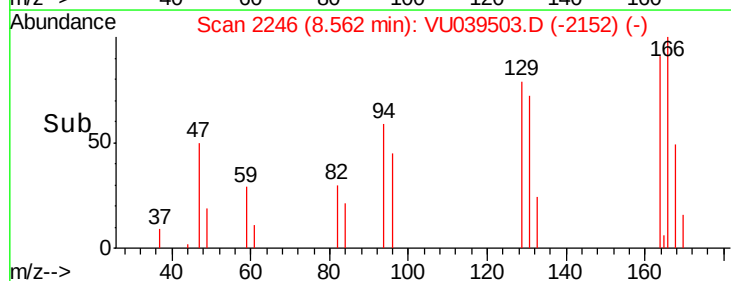
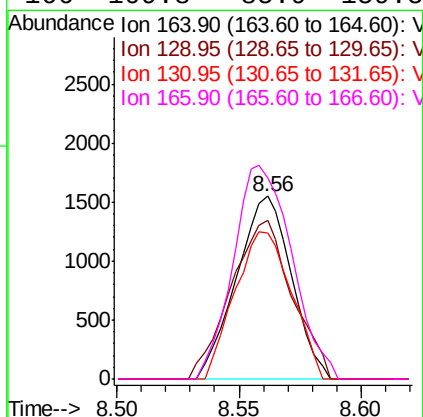
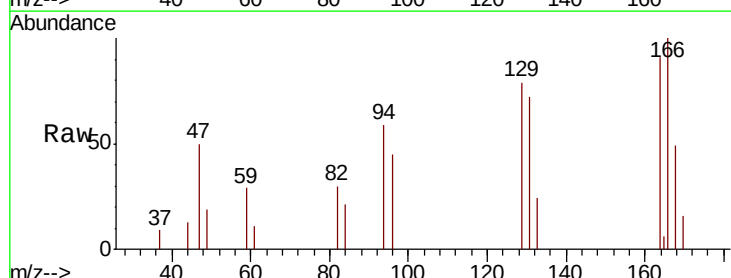
Instrument :
 MSVOA_U
 ClientSampleId :
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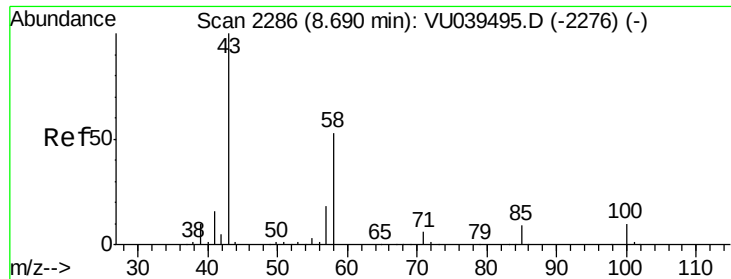
Tot Ion: 75 Resp: 1189
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.507 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039503.D
 Acq: 15 Jul 2020 16:43

Tgt Ion:164 Resp: 2411
 Ion Ratio Lower Upper
 164 100
 129 86.7 68.6 127.4
 131 79.5 66.4 123.4
 166 109.8 85.9 159.5

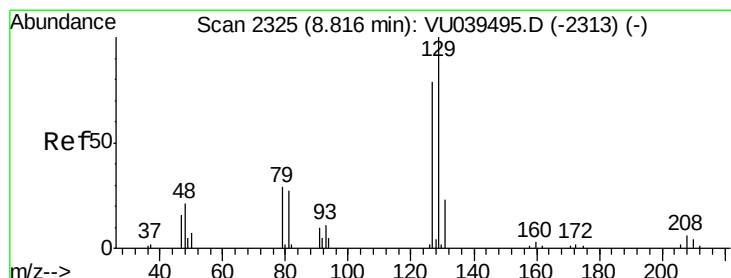
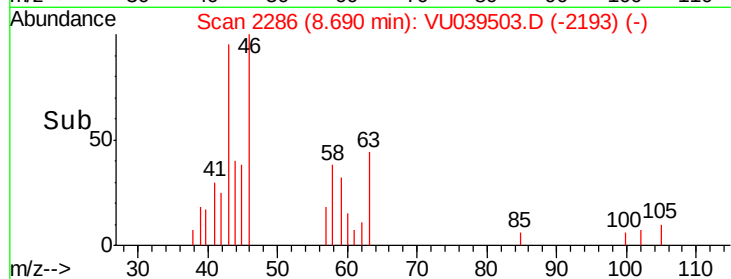
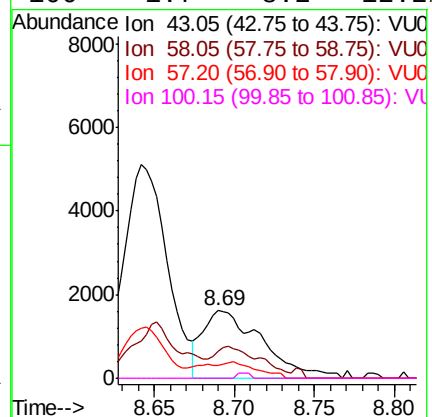
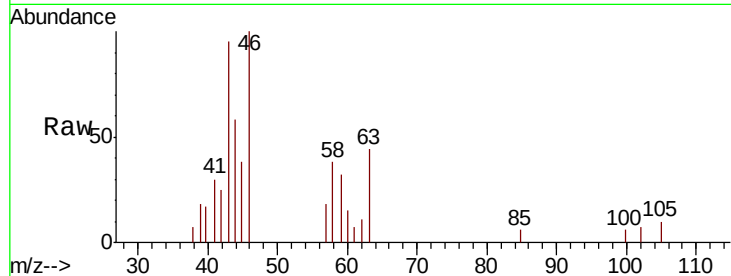




#48
2-Hexanone
Concen: 0.934 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU039503.D
Acq: 15 Jul 2020 16:43

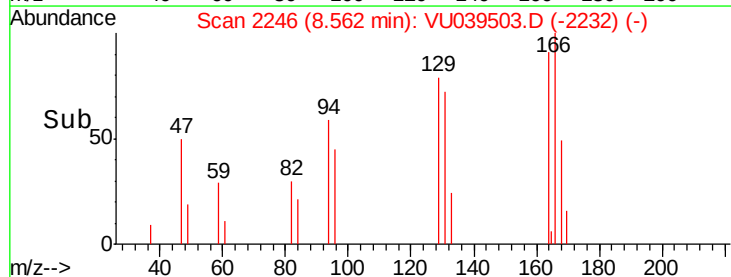
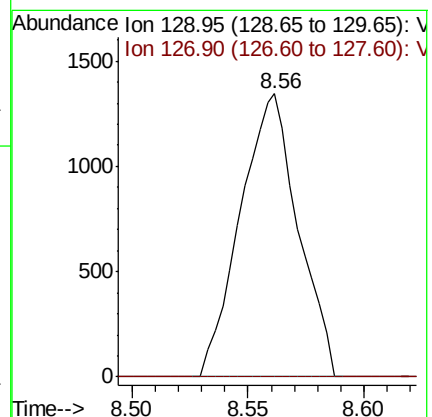
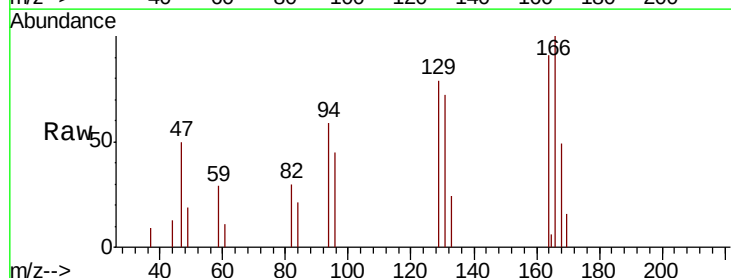
Instrument :
MSVOA_U
ClientSampleId :
F4C01

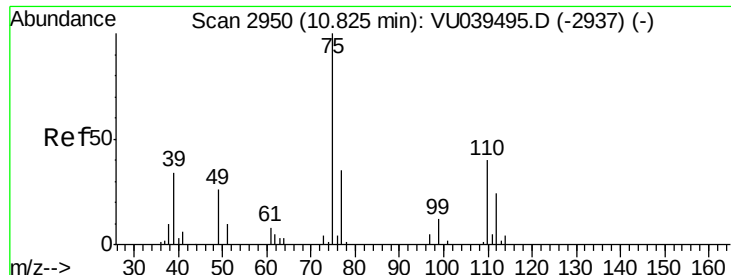
Tot Ion: 43 Resp: 4139
Ion Ratio Lower Upper
43 100
58 38.1 42.0 63.0#
57 22.1 14.0 21.0#
100 1.7 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.371 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU039503.D
Acq: 15 Jul 2020 16:43

Tgt Ion: 129 Resp: 2327
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.285 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039503.D

Acq: 15 Jul 2020 16:43

Instrument :

MSVOA_U

ClientSampleId :

F4C01

Tot Ion: 75 Resp: 6822

Ion Ratio Lower Upper

75 100

77 34.8 26.8 40.2

