

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039531.D
 Acq On : 16 Jul 2020 18:00
 Operator : SY/MD
 Sample : L3292-14 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19481	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.93	69	23797	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	32856	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	104442	41.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.96%
24) Chloroform-d	5.08	84	48102	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.72	65	31884	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.75	84	95254	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.71	67	33574	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	83762	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	12213	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.64	63	72458	35.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.68%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28377	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	33463	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

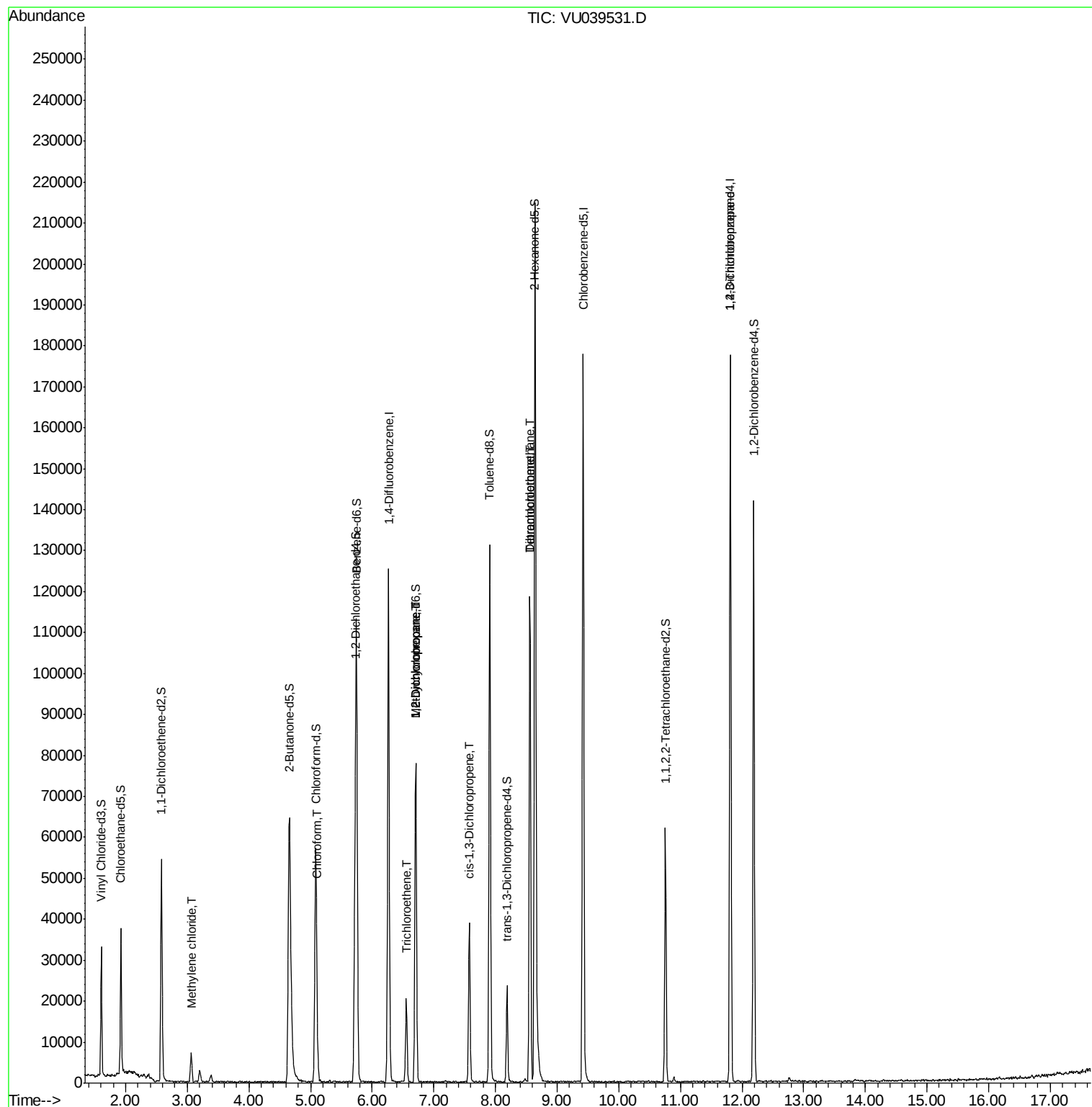
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	3171	0.446	ug/L	92
25) Chloroform	5.11	83	4278	0.346	ug/L	99
34) Trichloroethene	6.56	95	6056	0.859	ug/L	87
35) Methylcyclohexane	6.71	83	7116	0.630	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4128	0.555	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1091	0.097	ug/L #	1
47) Tetrachloroethene	8.56	164	22737	4.635	ug/L	98
49) Dibromochloromethane	8.56	129	22345	3.454	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6895	1.258	ug/L	97

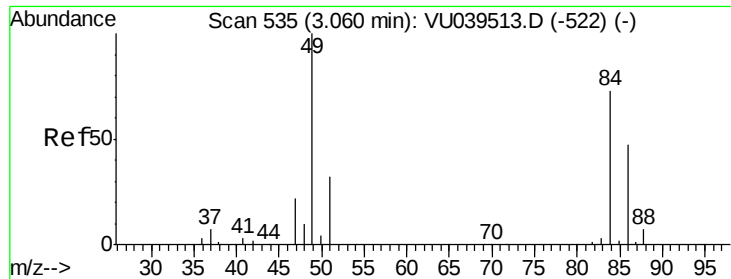
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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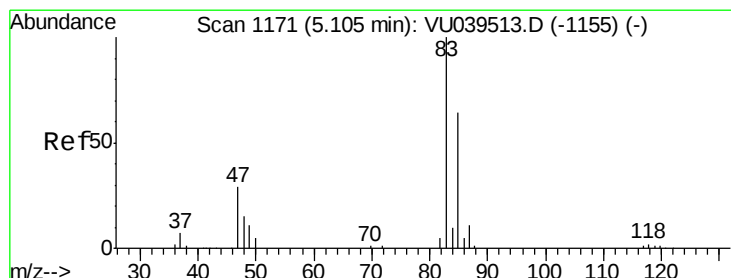
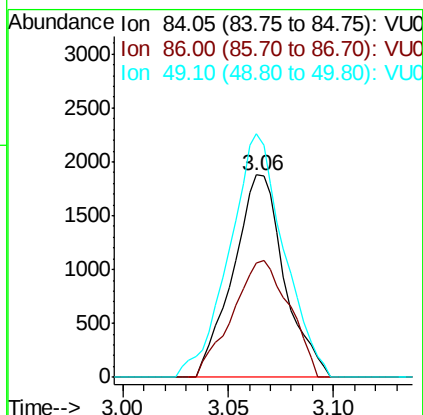
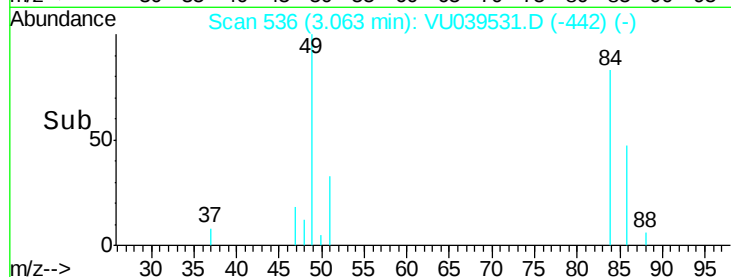
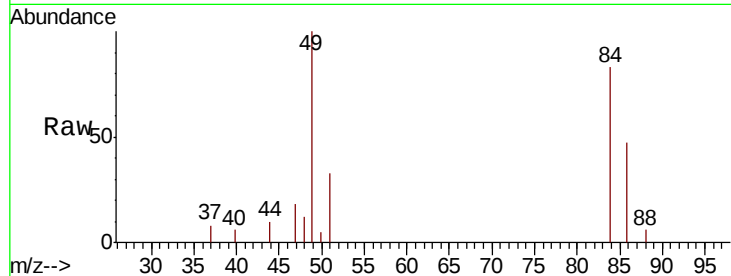




#16
Methylene chloride
Concen: 0.446 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039531.D
Acq: 16 Jul 2020 18:00

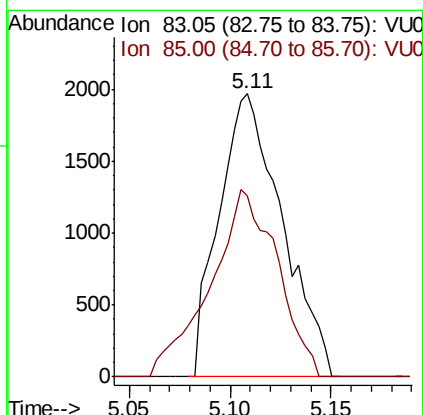
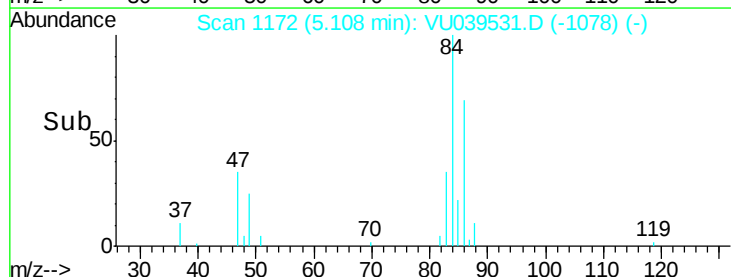
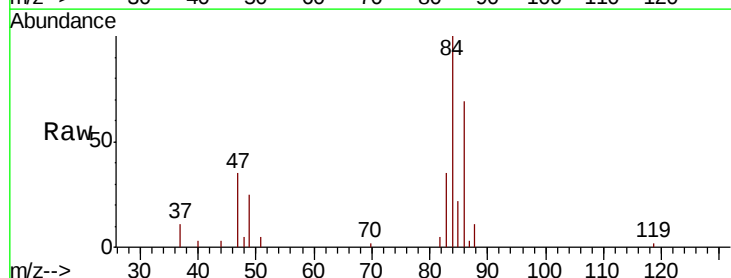
Instrument :
MSVOA_U
ClientSampled :

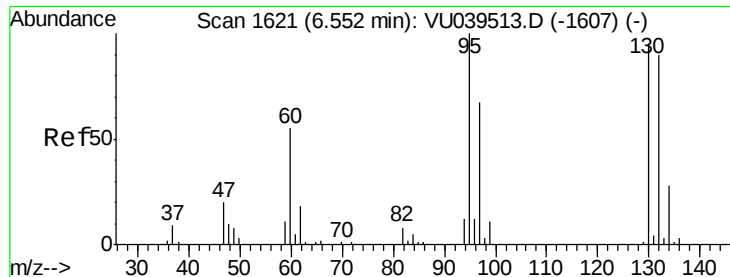
Tot Ion: 84 Resp: 3171
Ion Ratio Lower Upper
84 100
86 56.2 43.5 80.9
49 120.4 91.1 169.1



#25
Chloroform
Concen: 0.346 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039531.D
Acq: 16 Jul 2020 18:00

Tgt Ion: 83 Resp: 4278
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.5

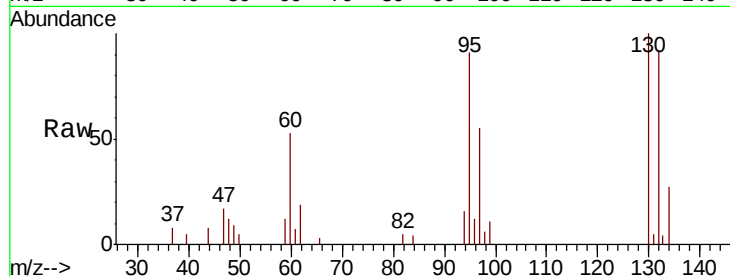




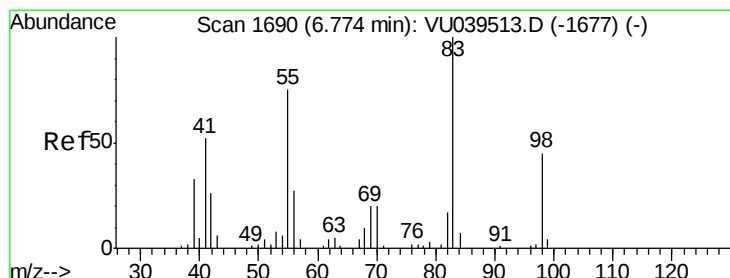
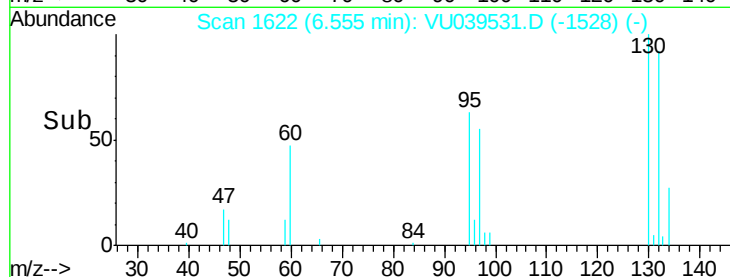
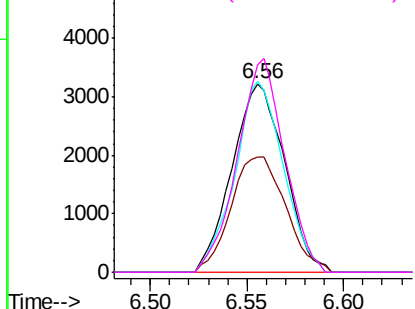
#34
 Trichloroethene
 Concen: 0.859 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039531.D
 Acq: 16 Jul 2020 18:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 6056
 Ion Ratio Lower Upper
 95 100
 97 61.0 46.3 85.9
 132 101.3 64.0 118.8
 130 110.3 64.3 119.5

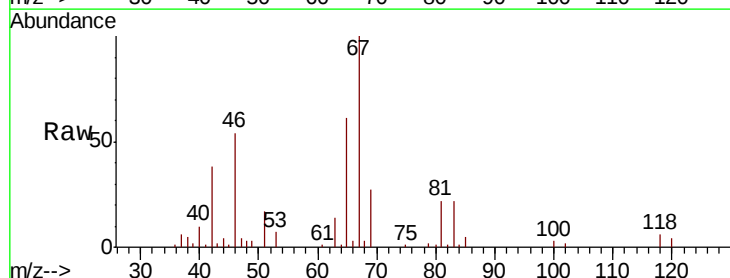


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

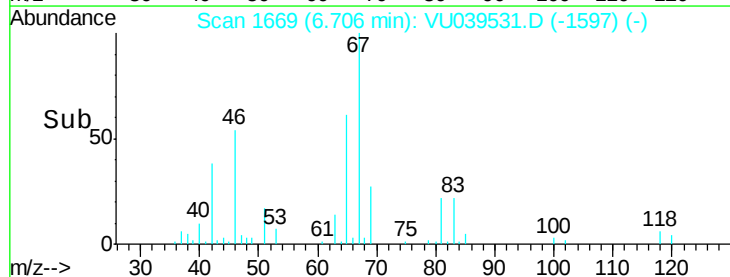
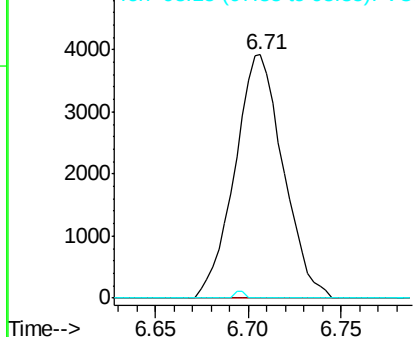


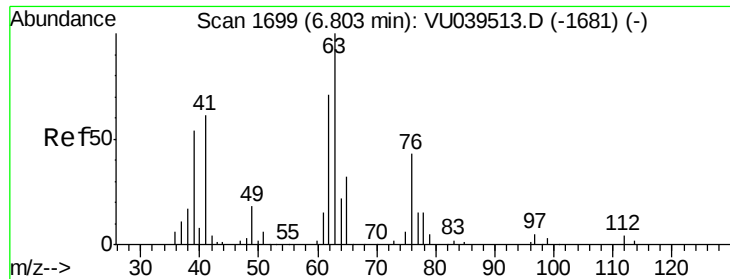
#35
 Methylcyclohexane
 Concen: 0.630 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039531.D
 Acq: 16 Jul 2020 18:00

Tgt Ion: 83 Resp: 7116
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.6 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

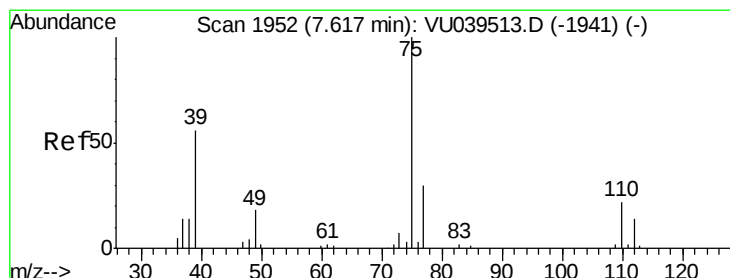
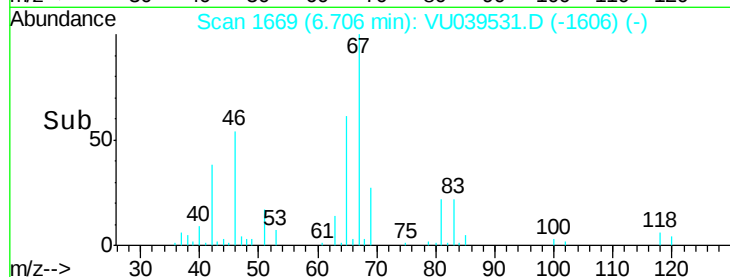
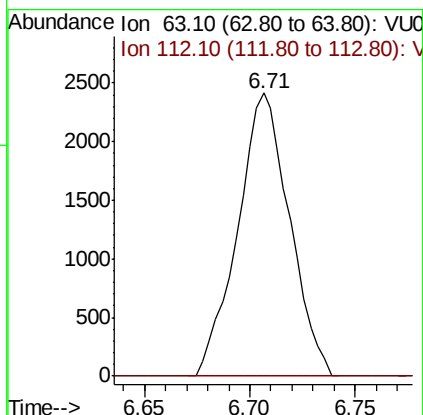
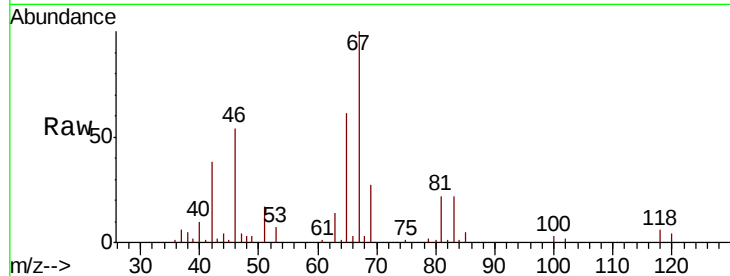




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039531.D
 Acq: 16 Jul 2020 18:00

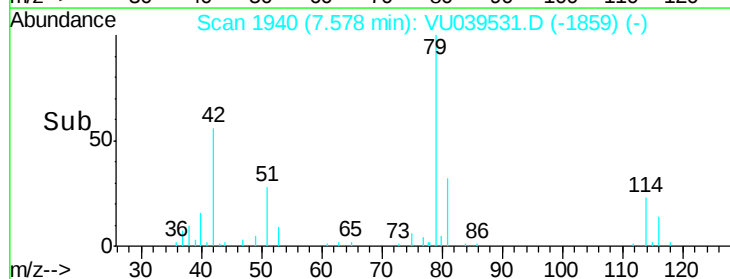
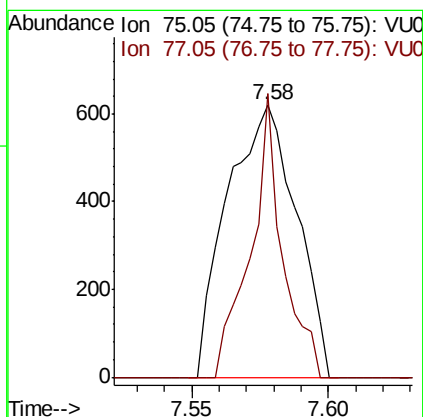
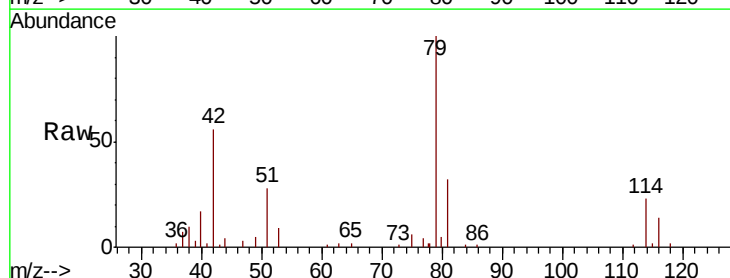
Instrument :
 MSVOA_U
 ClientSampled :

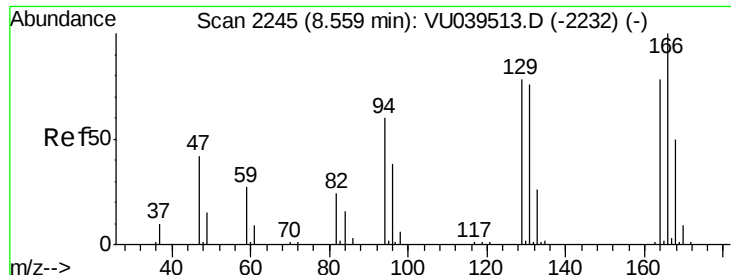
Tot Ion: 63 Resp: 4128
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039531.D
 Acq: 16 Jul 2020 18:00

Tgt Ion: 75 Resp: 1091
 Ion Ratio Lower Upper
 75 100
 77 104.0 22.3 41.3#





#47

Tetrachloroethene

Concen: 4.635 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039531.D

Acq: 16 Jul 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 22737

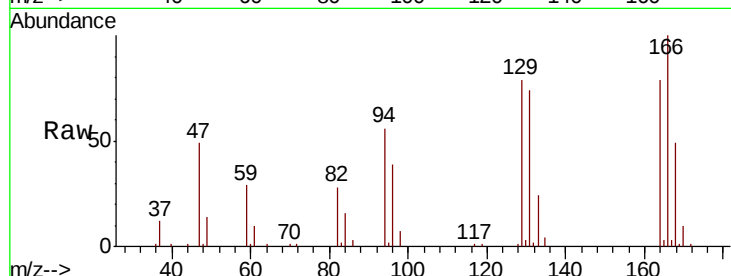
Ion Ratio Lower Upper

164 100

129 99.6 68.6 127.4

131 94.2 66.4 123.4

166 126.9 85.9 159.5

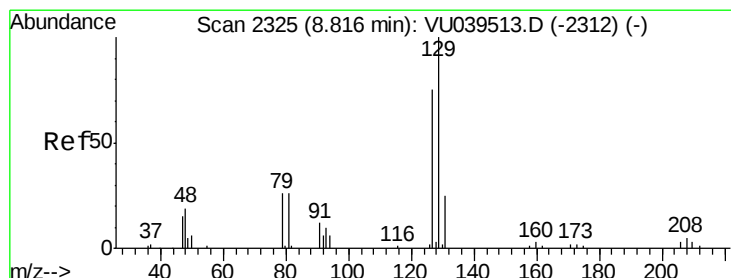
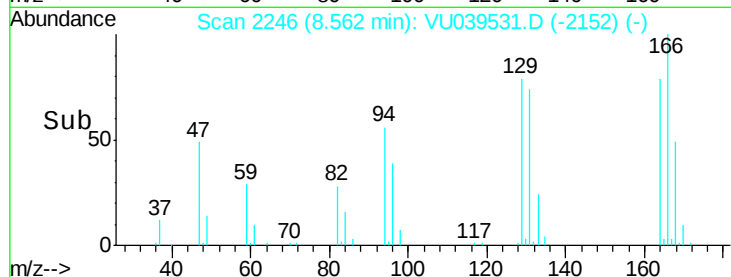
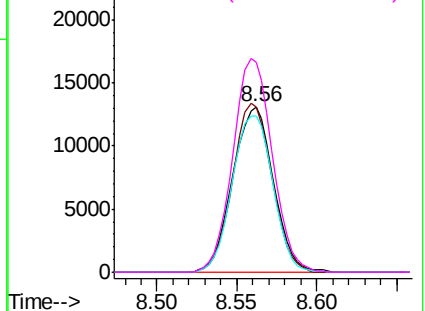


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 3.454 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039531.D

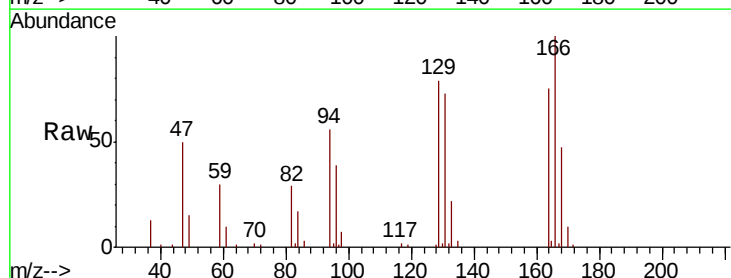
Acq: 16 Jul 2020 18:00

Tgt Ion:129 Resp: 22345

Ion Ratio Lower Upper

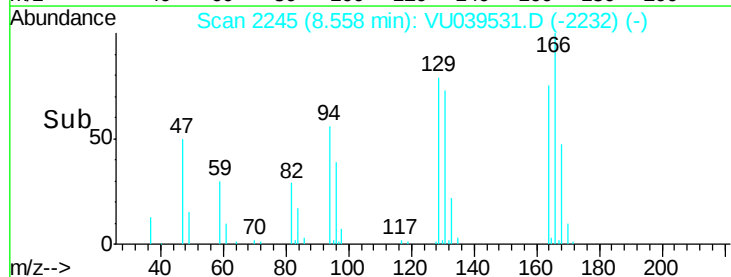
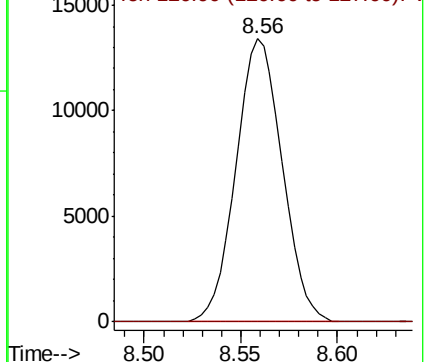
129 100

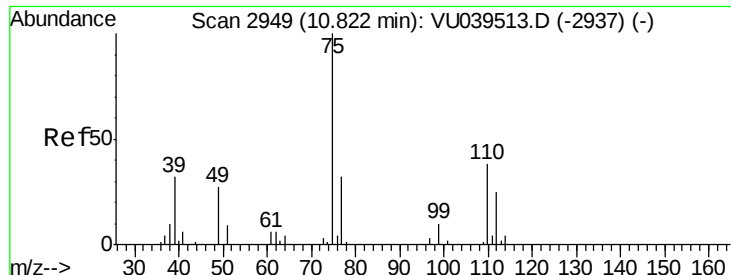
127 0.0 55.4 102.8#



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: 1.258 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039531.D

Acq: 16 Jul 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6895

Ion Ratio Lower Upper

75 100

77 35.4 26.8 40.2

