

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037542.D
 Acq On : 02 Apr 2020 00:08
 Operator : JC/MD
 Sample : L2063-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:41:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	85189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	81665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33057	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	25606	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	45291	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.66	46	89635	46.29	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.58%
24) Chloroform-d	5.11	84	55220	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	30558	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	115914	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	38318	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.92	98	106395	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	16817	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.66	63	84826	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31150	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	38192	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

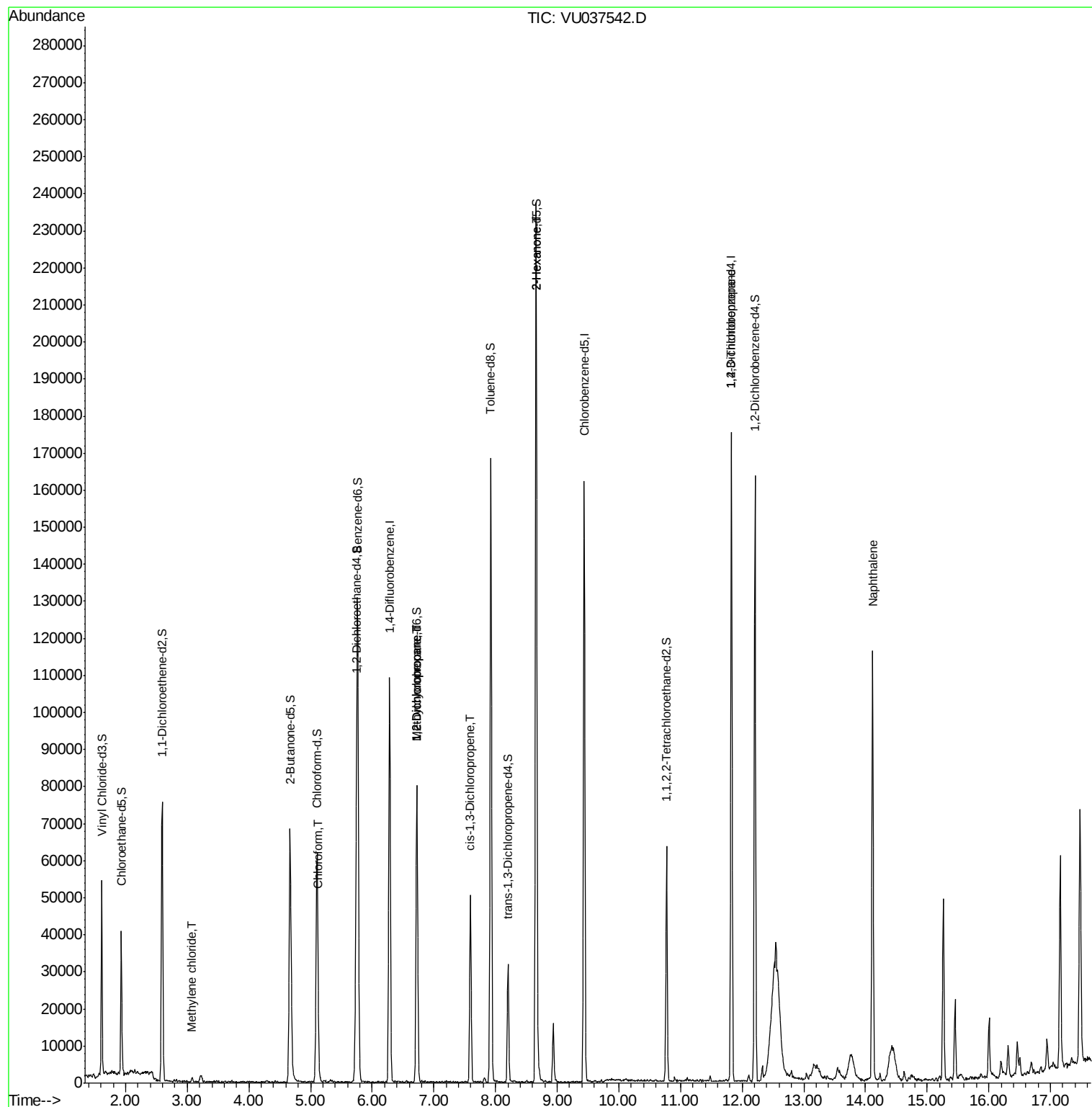
					Ovalue
16) Methylene chloride	3.08	84	618	0.093 ug/L #	71
25) Chloroform	5.13	83	2508	0.212 ug/L	91
35) Methylcyclohexane	6.72	83	8438	0.737 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	4373	0.625 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	981	0.092 ug/L #	38
48) 2-Hexanone	8.65	43	10229	2.898 ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	6114	1.333 ug/L	94
69) Naphthalene	14.11	128	92258	4.657 ug/L	99

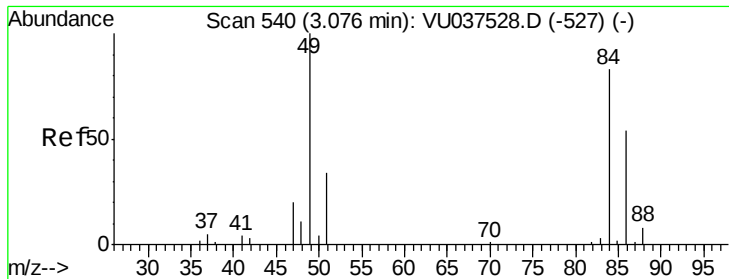
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 02 01:41:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration

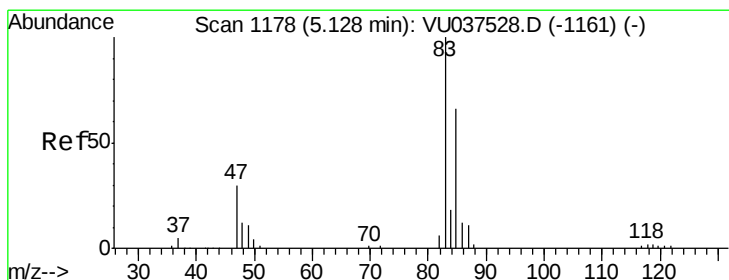
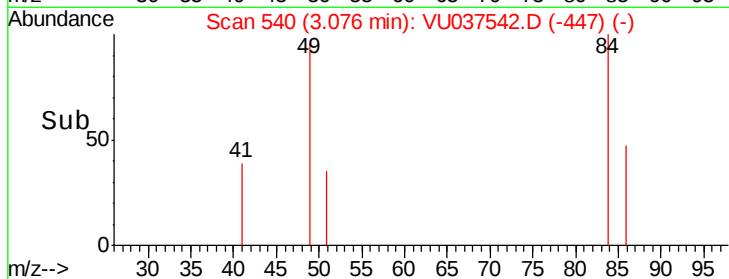
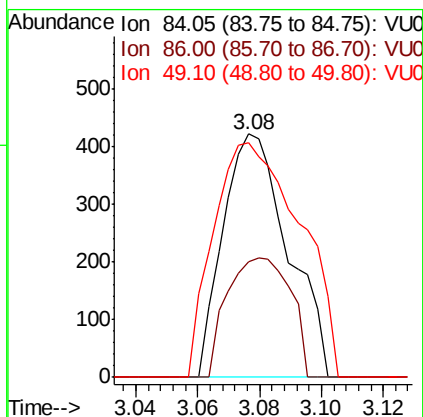
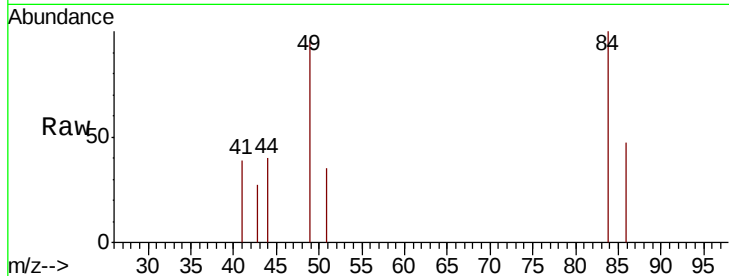




#16
Methvlene chloride
Concen: 0.093 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037542.D
Acq: 02 Apr 2020 00:08

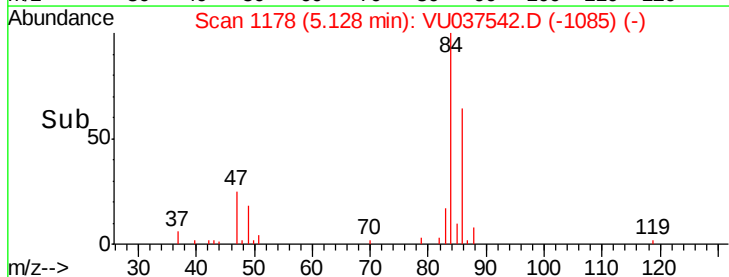
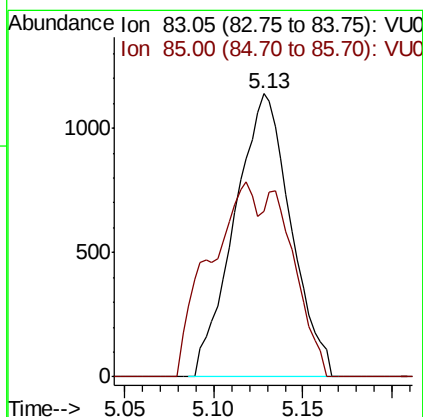
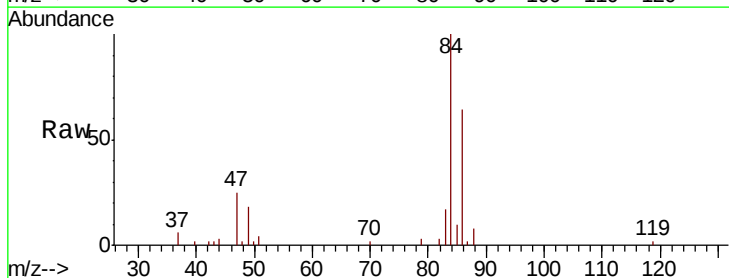
Instrument :
MSVOA_U
ClientSampled :

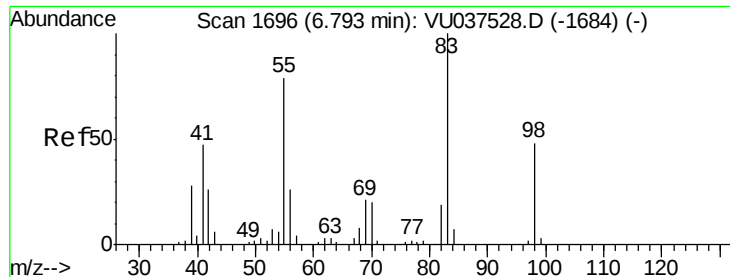
Tot Ion: 84 Resp: 618
Ion Ratio Lower Upper
84 100
86 47.4 41.6 77.3
49 96.2 97.0 180.2#



#25
Chloroform
Concen: 0.212 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037542.D
Acq: 02 Apr 2020 00:08

Tgt Ion: 83 Resp: 2508
Ion Ratio Lower Upper
83 100
85 58.4 45.8 85.2

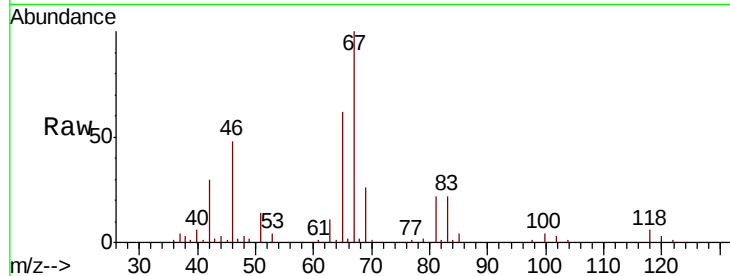




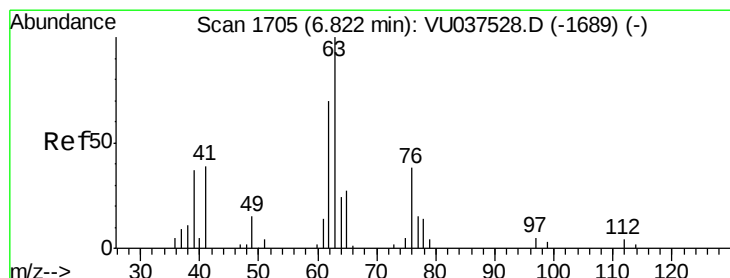
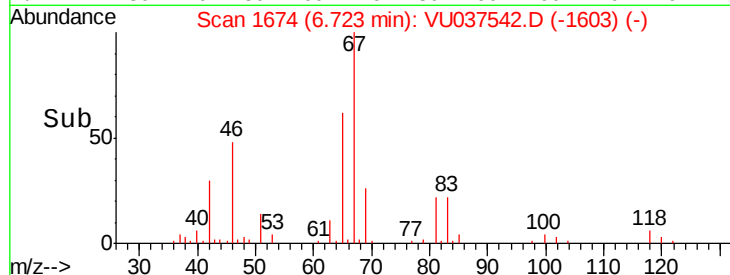
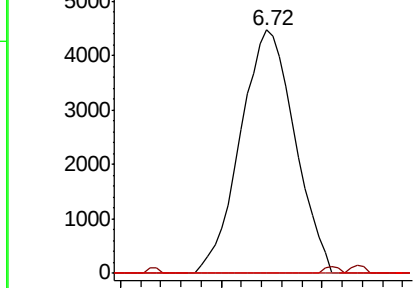
#35
Methvlcvclohexane
Concen: 0.737 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037542.D
Acq: 02 Apr 2020 00:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8438
Ion Ratio Lower Upper
83 100
55 0.8 63.0 94.6#
98 0.0 35.3 52.9#

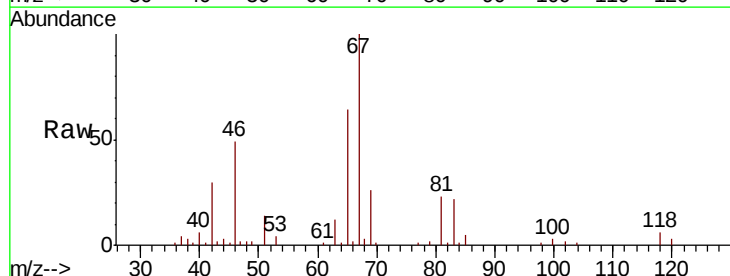


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

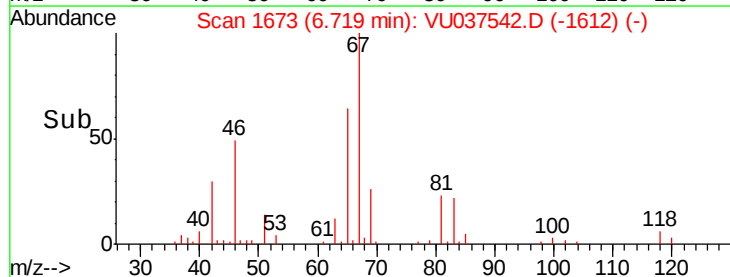
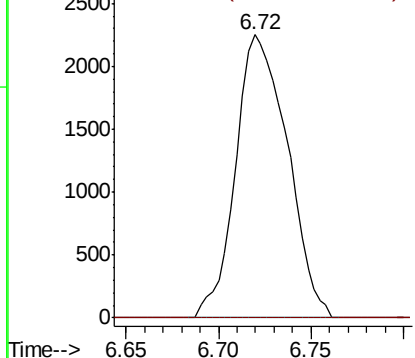


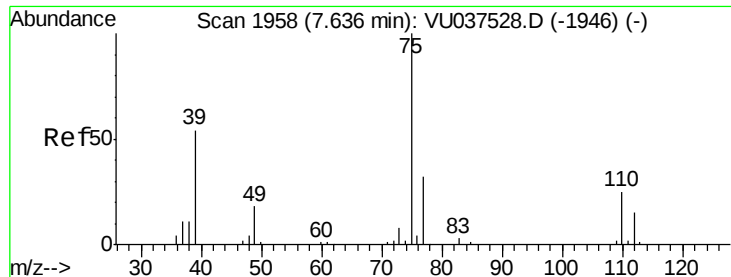
#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037542.D
Acq: 02 Apr 2020 00:08

Tgt Ion: 63 Resp: 4373
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



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

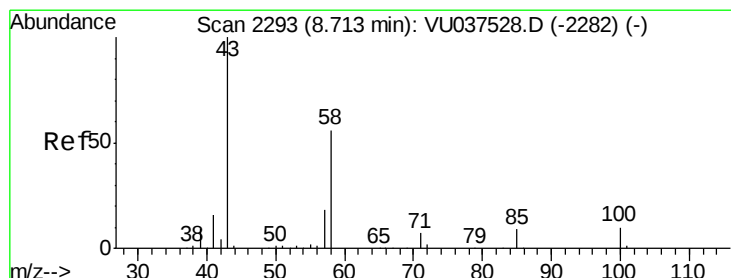
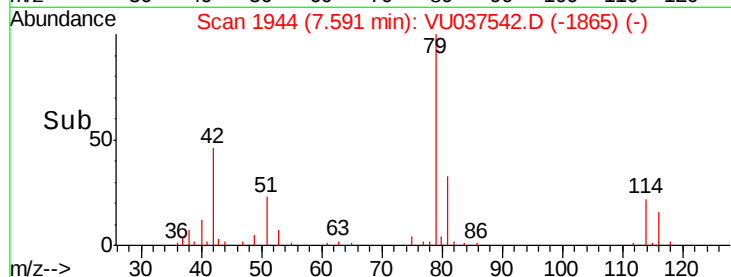
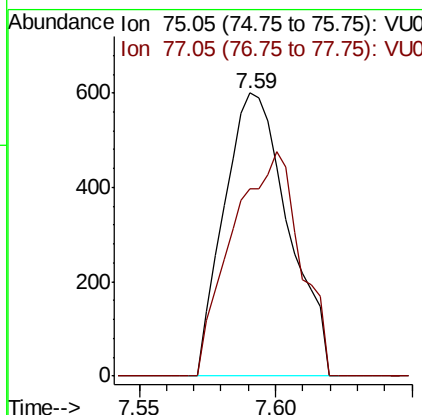
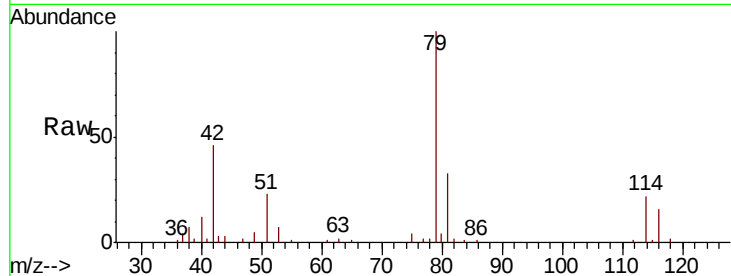




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037542.D
 Acq: 02 Apr 2020 00:08

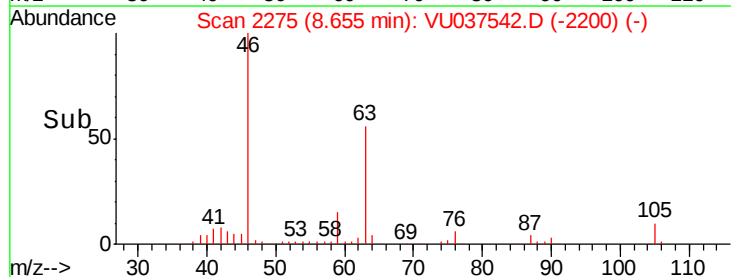
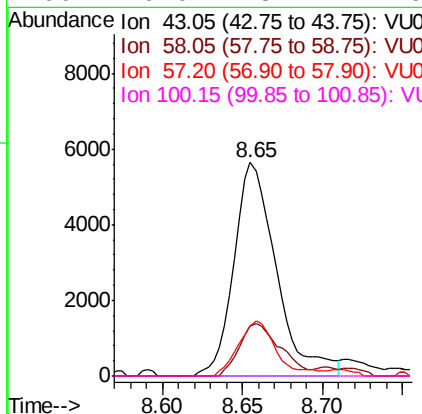
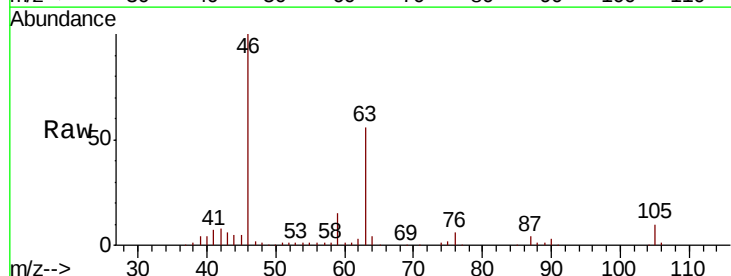
Instrument :
 MSVOA_U
 ClientSampleId :

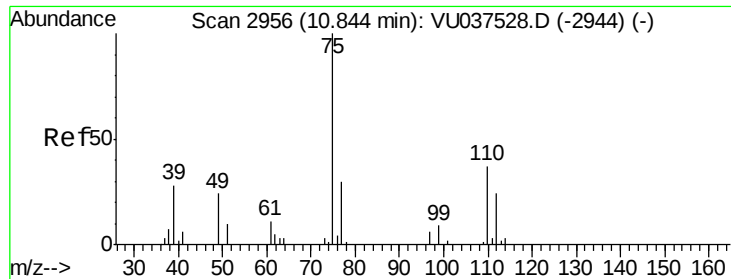
Tot Ion: 75 Resp: 981
 Ion Ratio Lower Upper
 75 100
 77 66.3 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.898 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.06 min
 Lab File: VU037542.D
 Acq: 02 Apr 2020 00:08

Tgt Ion: 43 Resp: 10229
 Ion Ratio Lower Upper
 43 100
 58 23.7 45.0 67.6#
 57 23.1 14.9 22.3#
 100 0.0 8.4 12.6#

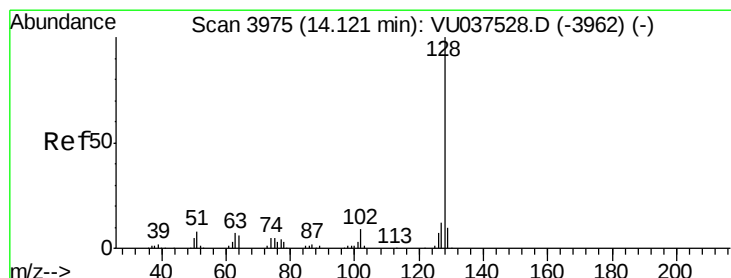
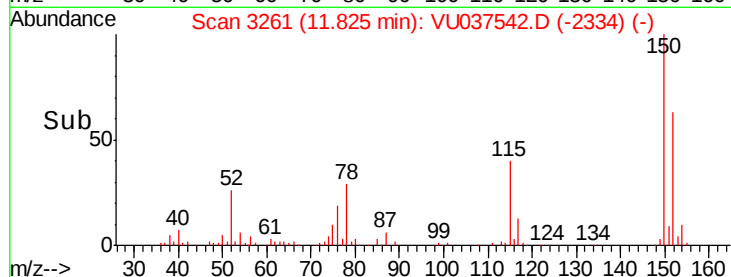
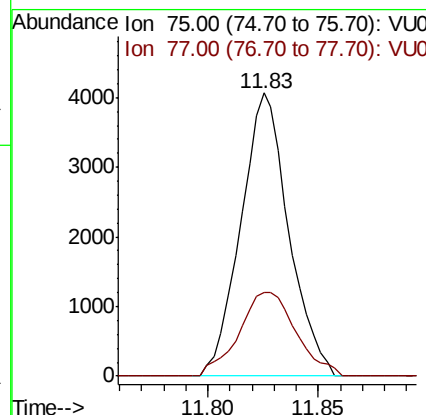
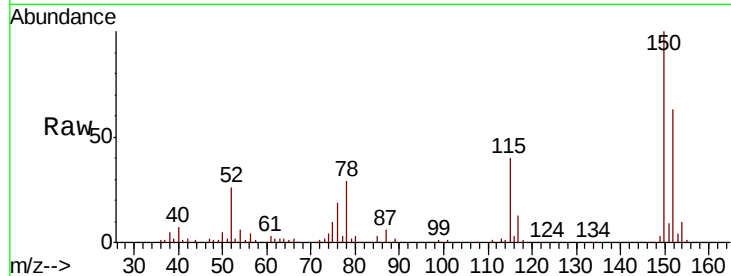




#59
 1,2,3-Trichloropropane
 Concen: 1.333 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037542.D
 Acq: 02 Apr 2020 00:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6114
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.8 38.6



#69
 Naphthalene
 Concen: 4.657 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU037542.D
 Acq: 02 Apr 2020 00:08

Tgt Ion:128 Resp: 92258
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.4 12.6
 127 12.5 10.4 15.6

