

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037517.D
 Acq On : 01 Apr 2020 00:04
 Operator : JC/MD
 Sample : L2065-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:29:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	90203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	85290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21289	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.93	69	21752	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.59	63	31743	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	4.67	46	94532	46.58	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	5.11	84	48124	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.74	65	28470	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
32) Benzene-d6	5.76	84	91341	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.20%
36) 1,2-Dichloropropane-d6	6.72	67	33557	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.92	98	80168	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	8.20	79	13815	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.65	63	76850	45.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	30273	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	31710	4.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.40%

Target Compounds

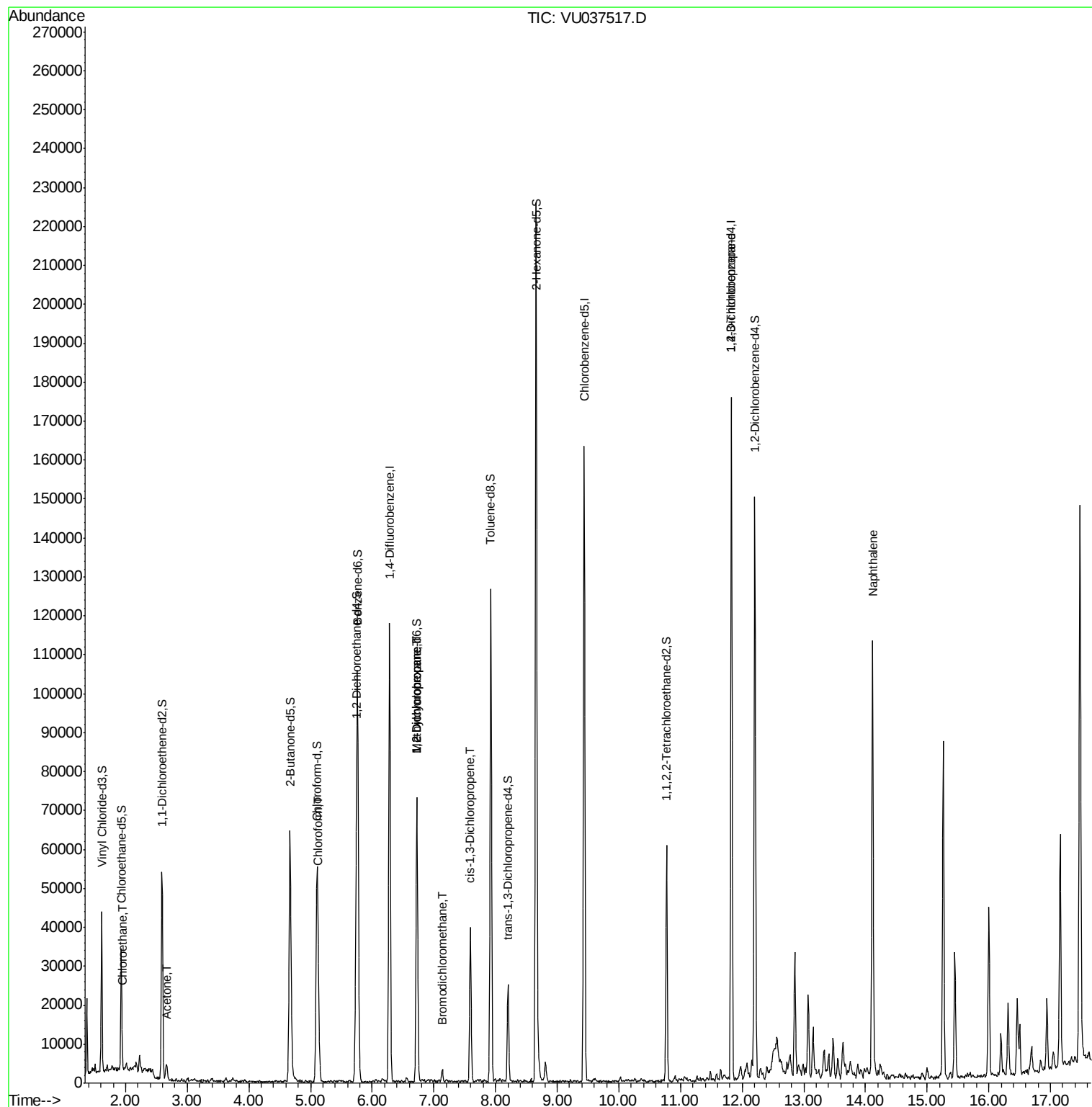
					Ovalue
8) Chloroethane	1.95	64	377	0.089 ug/L #	44
13) Acetone	2.66	43	3442	2.997 ug/L	88
25) Chloroform	5.13	83	14319	1.186 ug/L	98
35) Methylcyclohexane	6.73	83	7515	0.649 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	3738	0.531 ug/L #	89
38) Bromodichloromethane	7.14	83	2244	0.241 ug/L	93
39) cis-1,3-Dichloropropene	7.59	75	1005	0.092 ug/L #	60
59) 1,2,3-Trichloropropane	11.82	75	6429	1.328 ug/L	94
69) Naphthalene	14.11	128	83890	4.090 ug/L	99

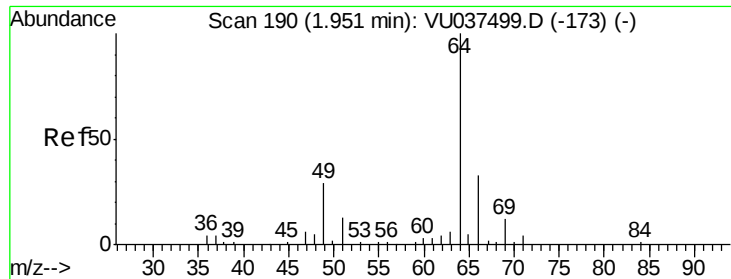
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
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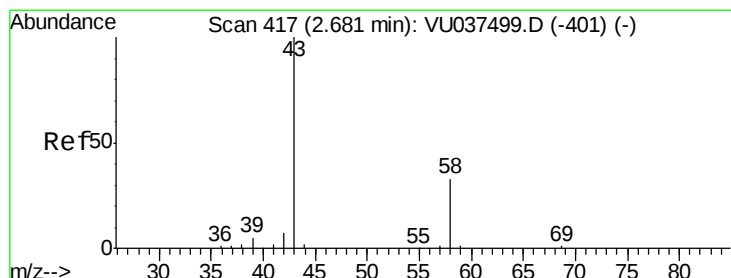
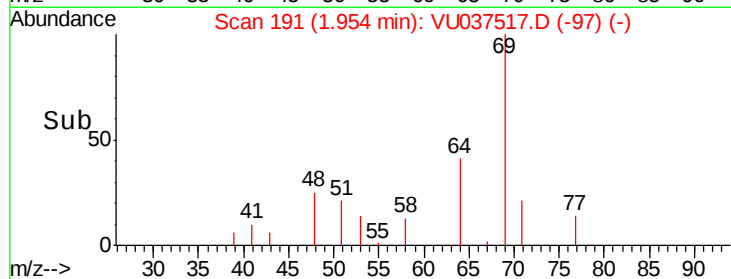
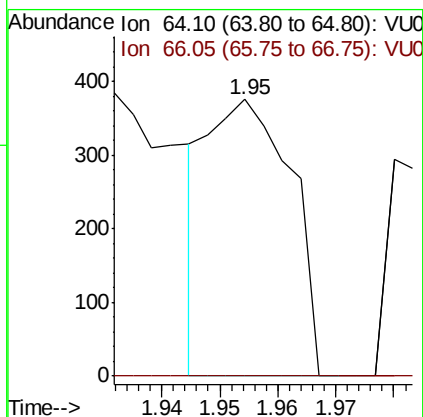
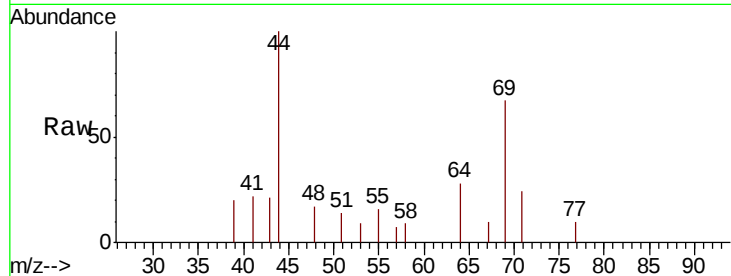




#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU037517.D
Acq: 01 Apr 2020 00:04

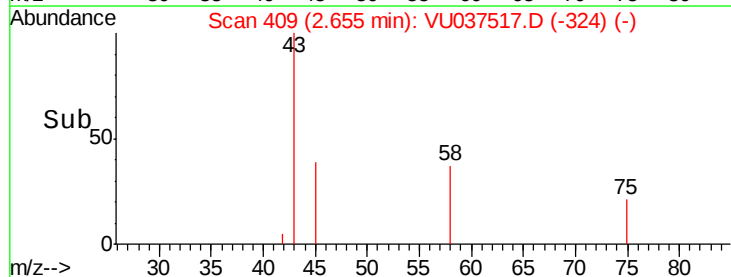
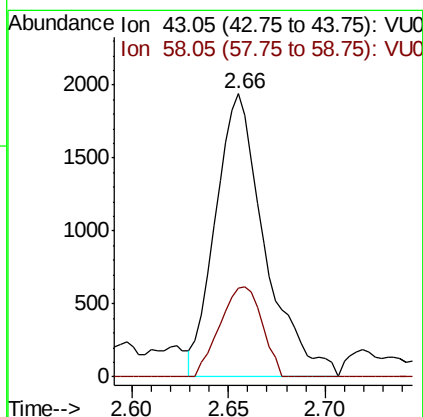
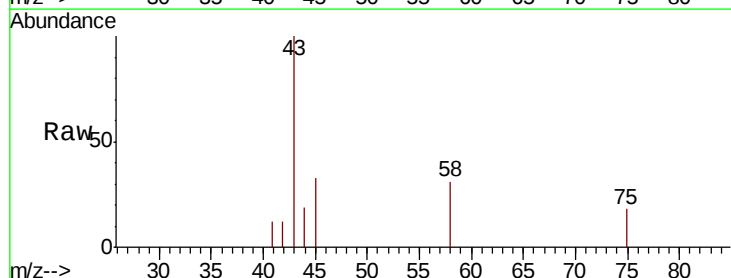
Instrument :
MSVOA_U
ClientSampleId :

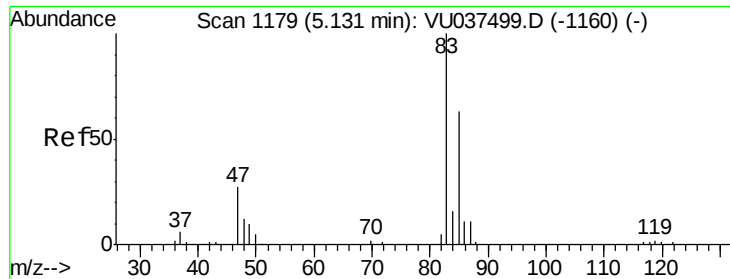
Tot Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



#13
Acetone
Concen: 2.997 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.03 min
Lab File: VU037517.D
Acq: 01 Apr 2020 00:04

Tgt Ion: 43 Resp: 3442
Ion Ratio Lower Upper
43 100
58 27.1 0.0 68.2

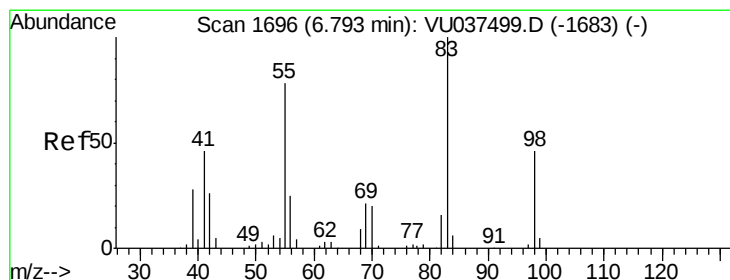
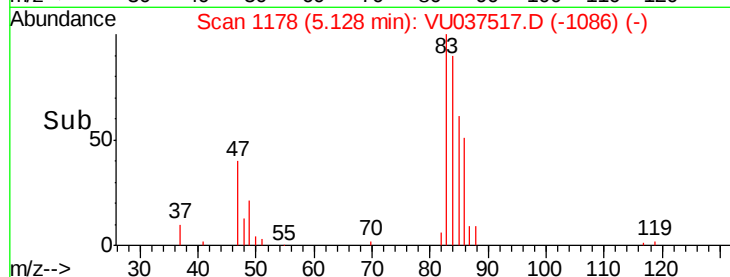
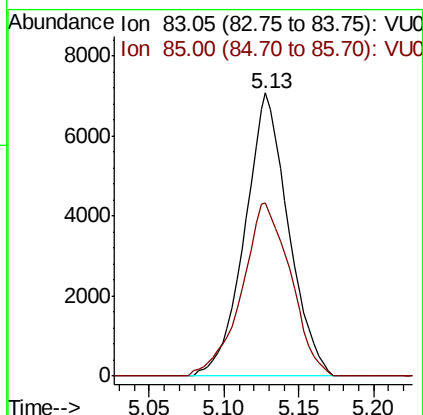
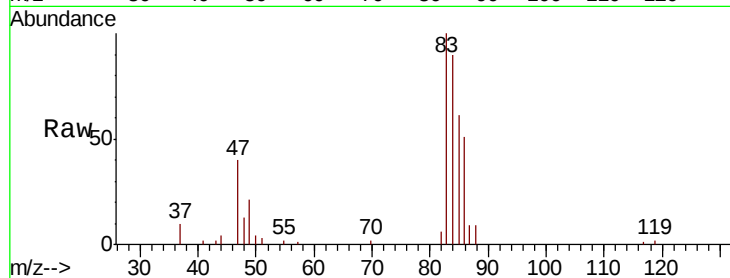




#25
Chloroform
Concen: 1.186 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037517.D
Acq: 01 Apr 2020 00:04

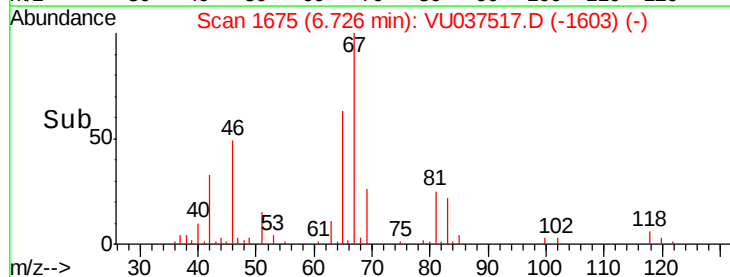
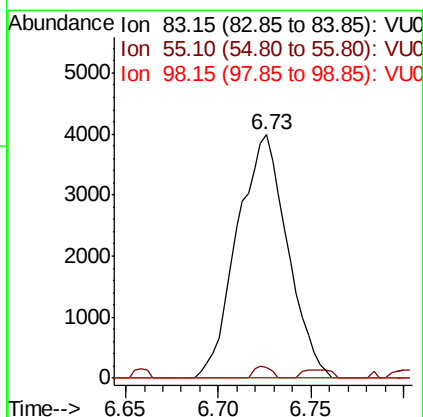
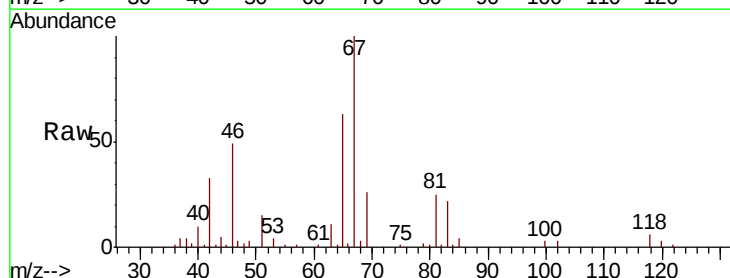
Instrument :
MSVOA_U
ClientSampleId :

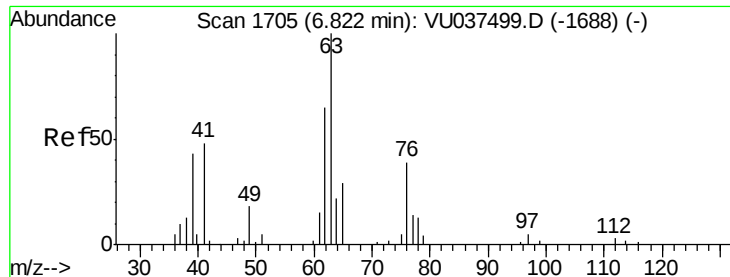
Tot Ion: 83 Resp: 14319
Ion Ratio Lower Upper
83 100
85 61.1 44.1 81.9



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037517.D
Acq: 01 Apr 2020 00:04

Tgt Ion: 83 Resp: 7515
Ion Ratio Lower Upper
83 100
55 1.6 64.4 96.6#
98 0.0 38.2 57.2#

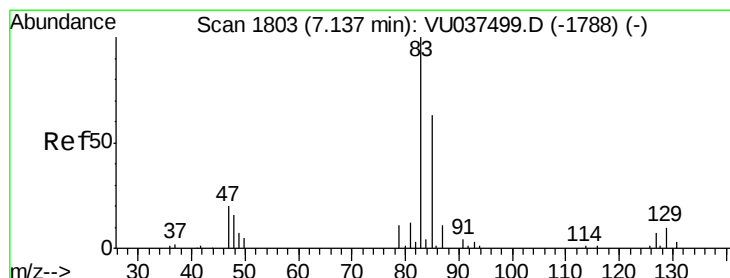
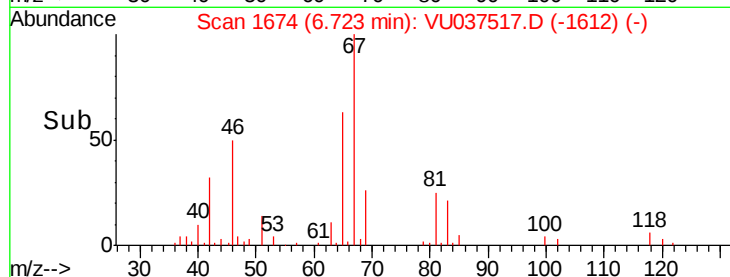
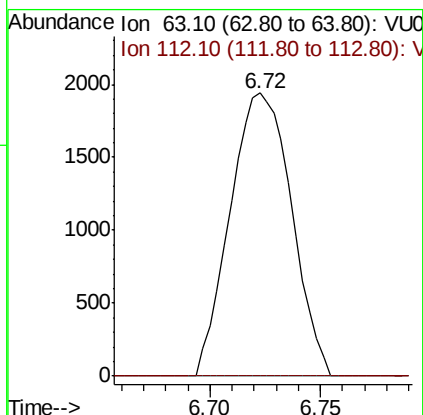
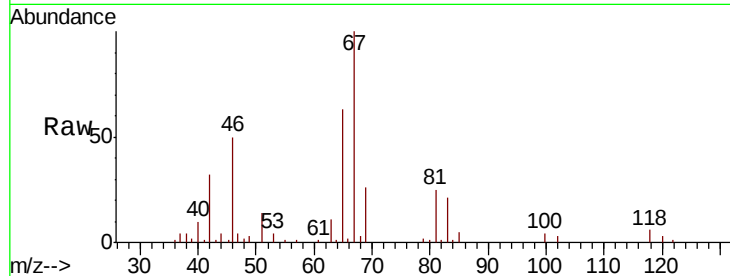




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037517.D
 Acq: 01 Apr 2020 00:04

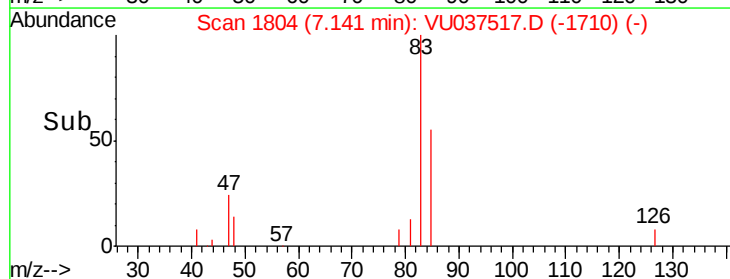
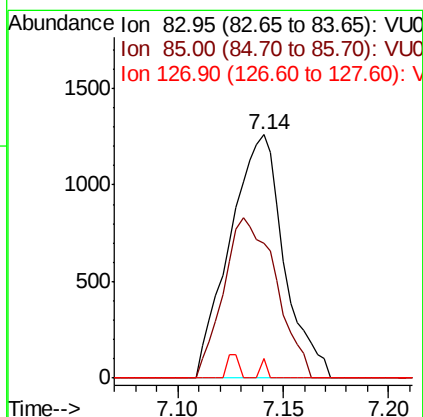
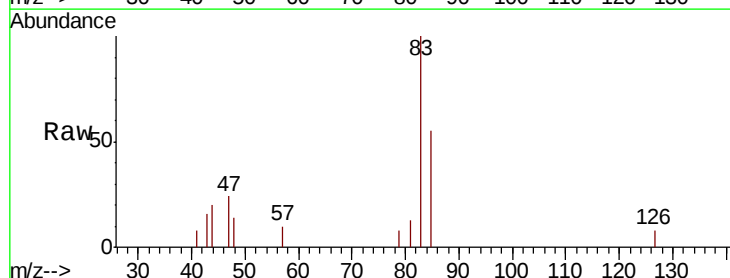
Instrument :
 MSVOA_U
 ClientSampled :

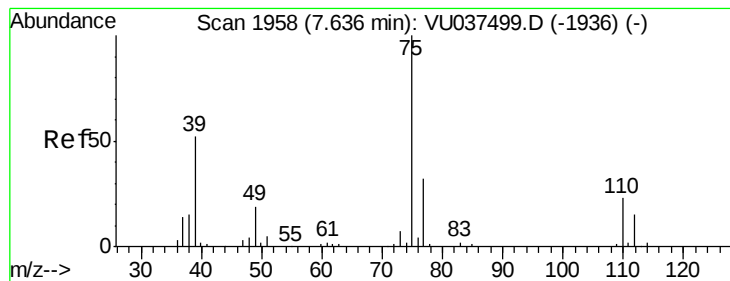
Tot Ion: 63 Resp: 3738
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#38
 Bromodichloromethane
 Concen: 0.241 ug/L
 RT: 7.14 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VU037517.D
 Acq: 01 Apr 2020 00:04

Tgt Ion: 83 Resp: 2244
 Ion Ratio Lower Upper
 83 100
 85 55.2 42.7 79.3
 127 7.9 6.9 10.3



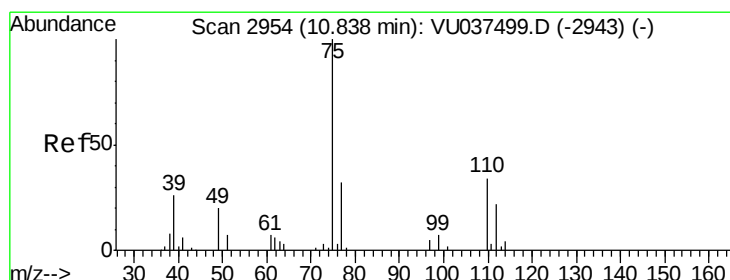
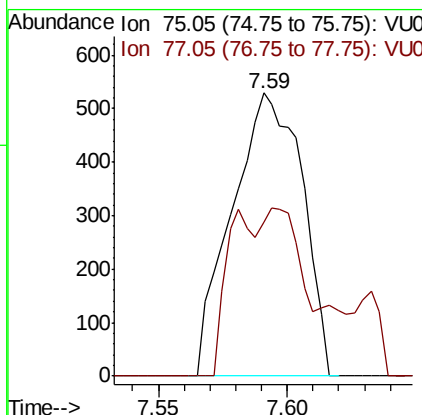
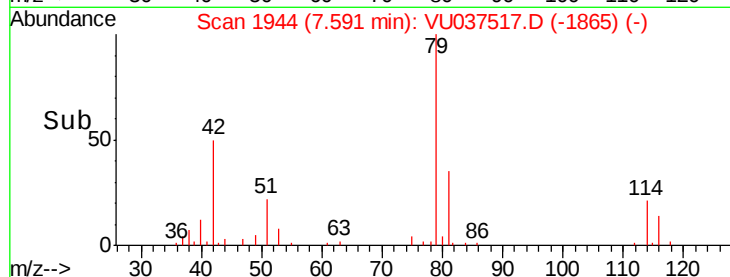
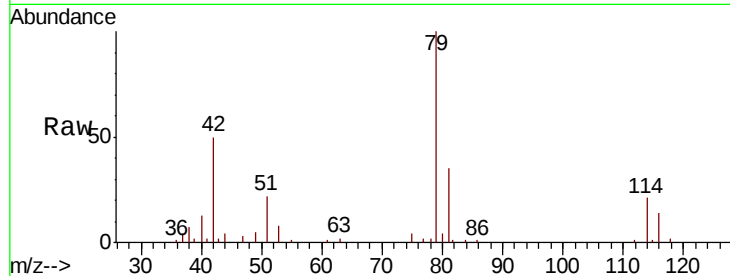


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037517.D
Acq: 01 Apr 2020 00:04

Instrument :
MSVOA_U
ClientSampled :

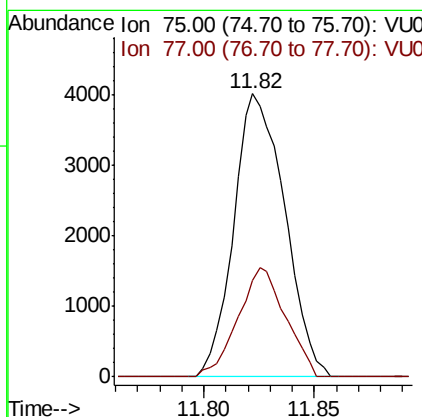
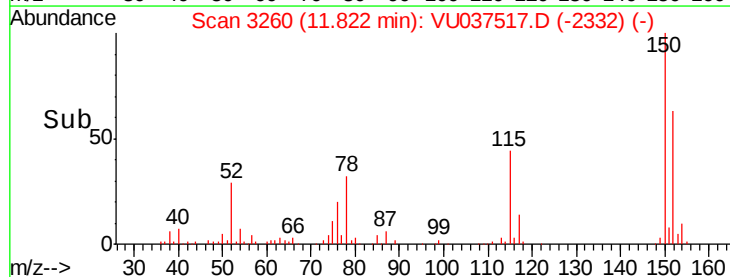
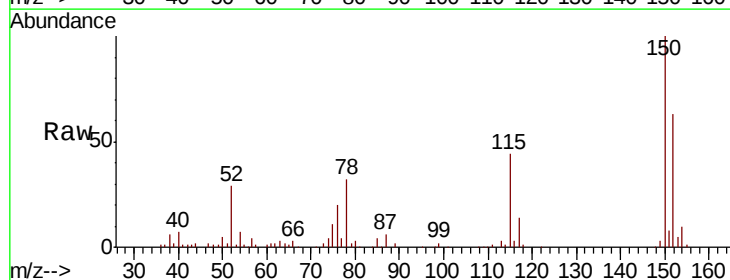
Tot Ion: 75 Resp: 1005
Ion Ratio Lower Upper
75 100
77 54.3 22.4 41.6#

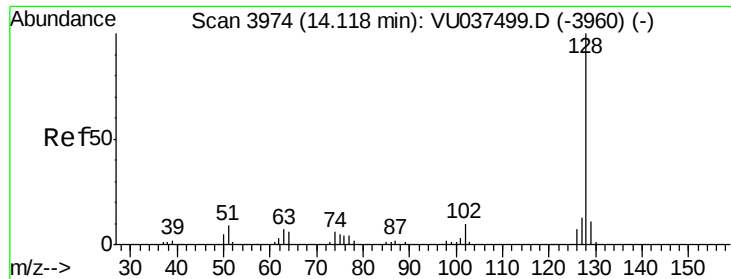


#59

1,2,3-Trichloropropane
Concen: 1.328 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU037517.D
Acq: 01 Apr 2020 00:04

Tgt Ion: 75 Resp: 6429
Ion Ratio Lower Upper
75 100
77 36.1 26.2 39.2





#69

Naphthalene

Concen: 4.090 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU037517.D

Acq: 01 Apr 2020 00:04

Instrument :

MSVOA_U

ClientSampleId :

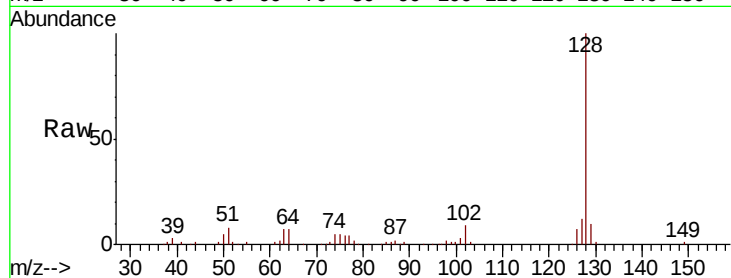
Tot Ion:128 Resp: 83890

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.4 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

