

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037440.D
 Acq On : 29 Mar 2020 01:40
 Operator : JC/MD
 Sample : L2001-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:15:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	108122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	101103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35400	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	31652	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	55974	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.67	46	104849	48.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	5.10	84	63231	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.74	65	41531	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.76	84	141558	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	46284	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	132052	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	20541	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.66	63	90194	49.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37071	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	48428	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

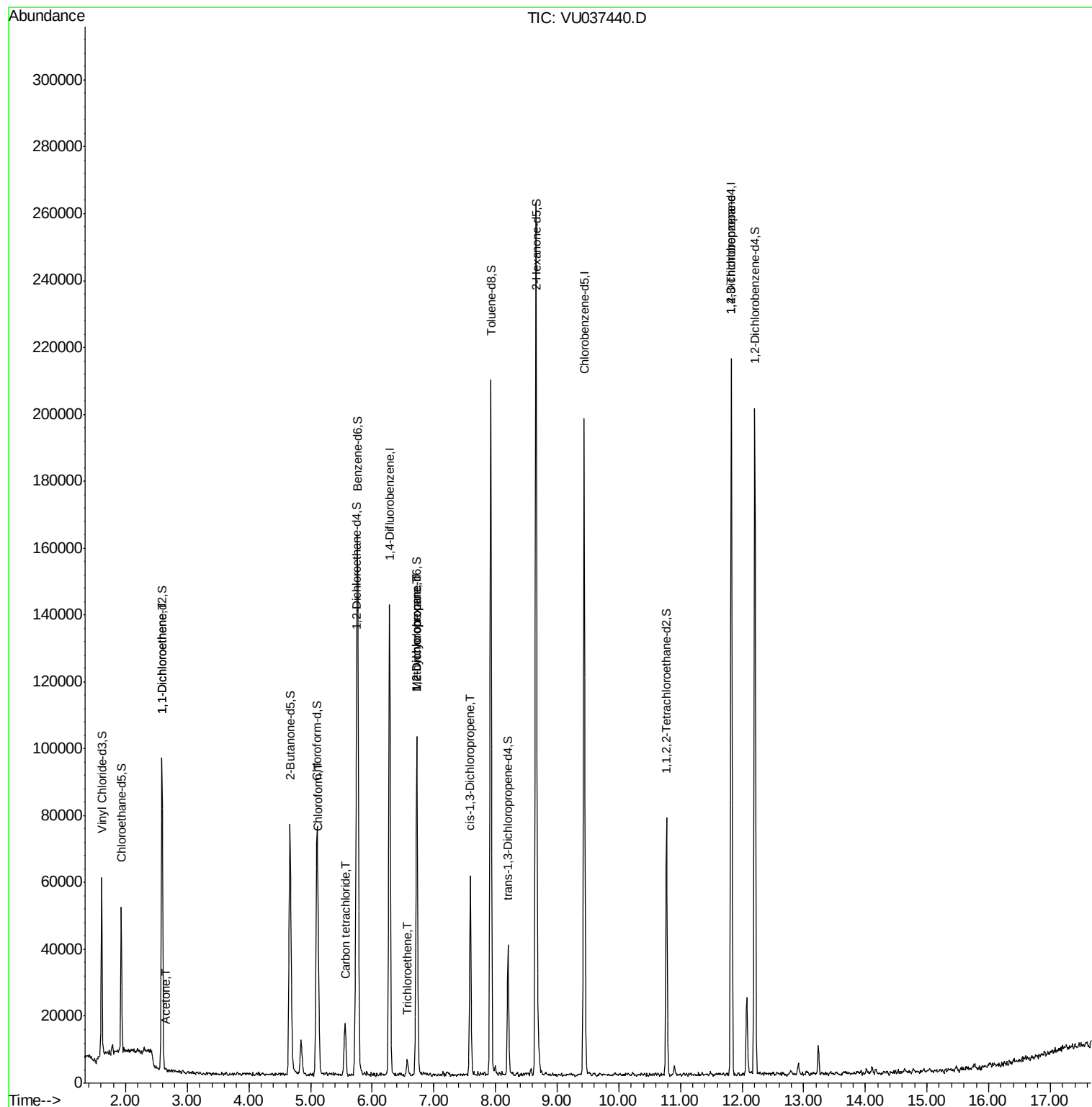
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	461	0.065	ug/L #	1
13) Acetone	2.66	43	1210	0.968	ug/L	89
25) Chloroform	5.13	83	17873	1.222	ug/L	97
31) Carbon tetrachloride	5.56	117	9874	0.900	ug/L	90
34) Trichloroethene	6.57	95	1725	0.202	ug/L #	79
35) Methylcyclohexane	6.72	83	11704	0.867	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5399	0.698	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1420	0.113	ug/L #	45
59) 1,2,3-Trichloropropane	11.83	75	7246	1.346	ug/L	93

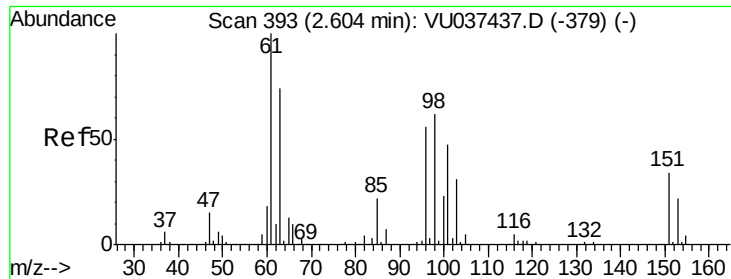
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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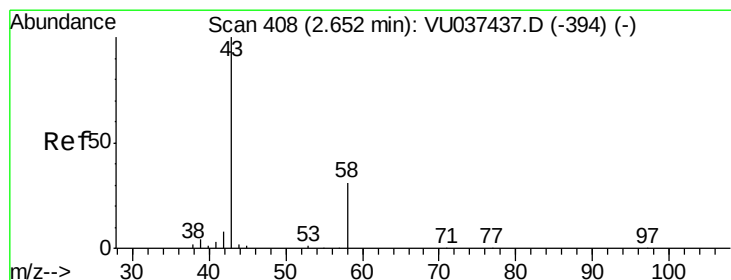
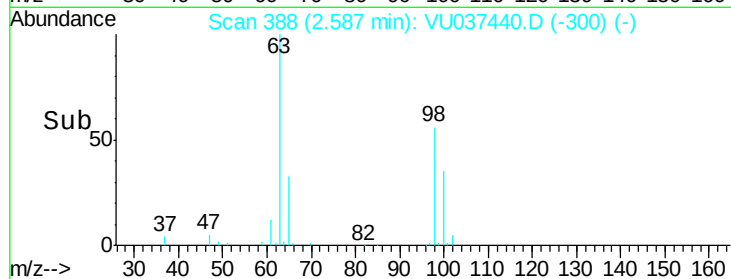
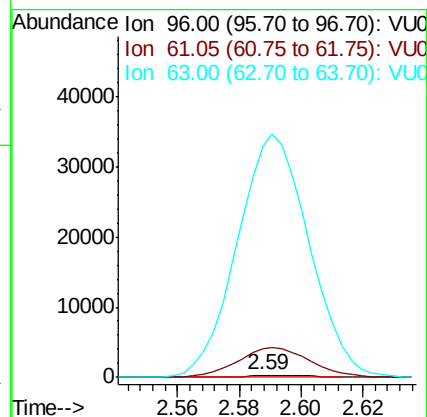
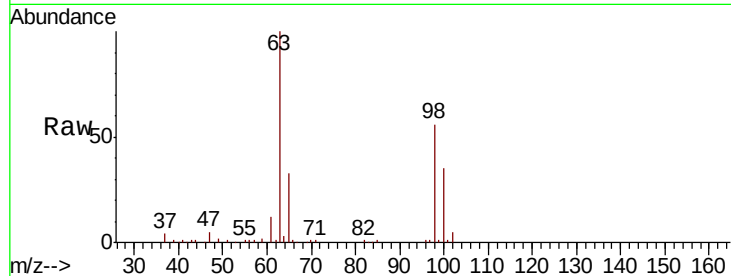




#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU037440.D
 Acq: 29 Mar 2020 01:40

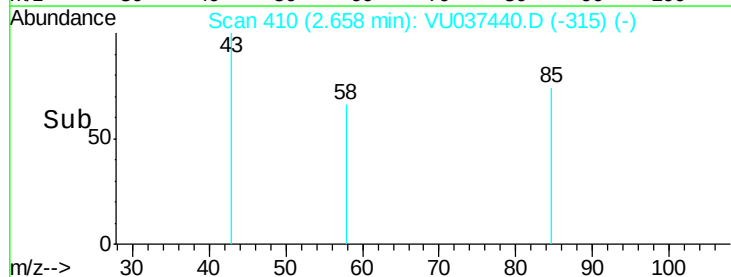
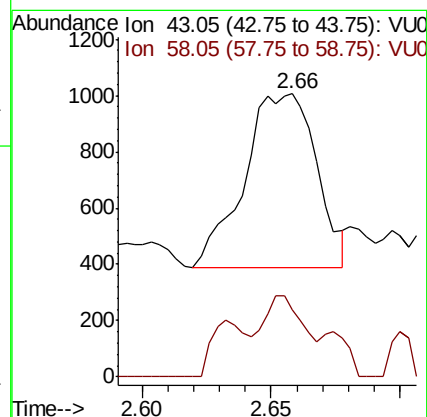
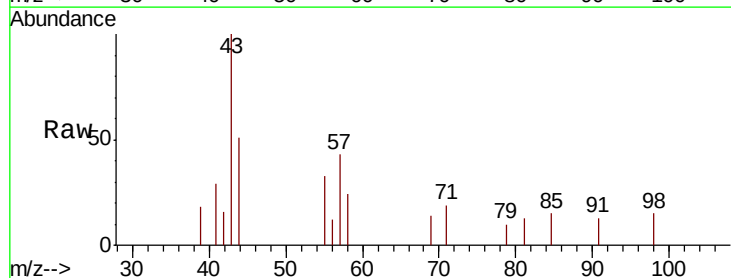
Instrument :
 MSVOA_U
 ClientSampled :

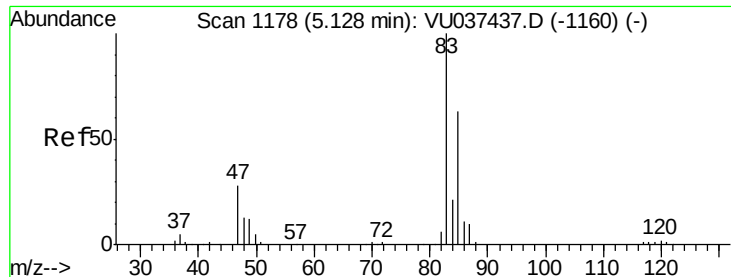
Tot Ion: 96 Resp: 461
 Ion Ratio Lower Upper
 96 100
 61 1242.9 125.4 232.8#
 63 10006.1 90.9 168.7#



#13
 Acetone
 Concen: 0.968 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VU037440.D
 Acq: 29 Mar 2020 01:40

Tgt Ion: 43 Resp: 1210
 Ion Ratio Lower Upper
 43 100
 58 27.0 0.0 66.0

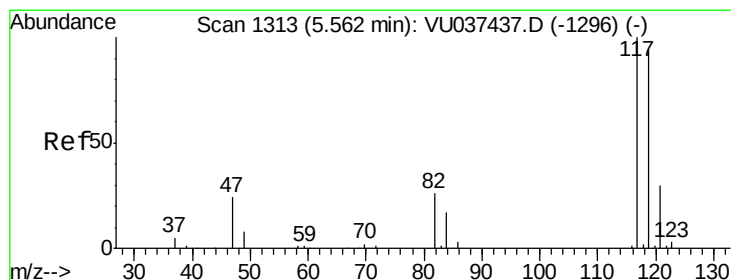
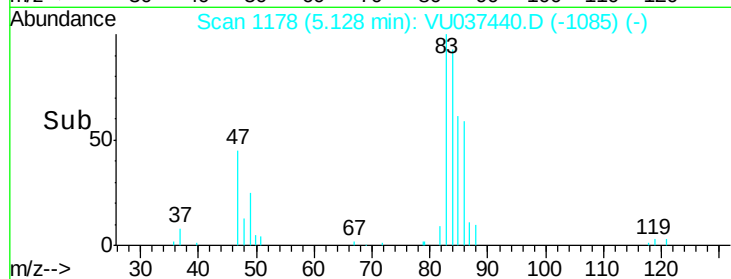
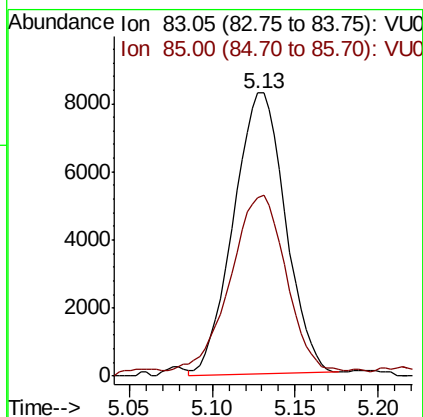
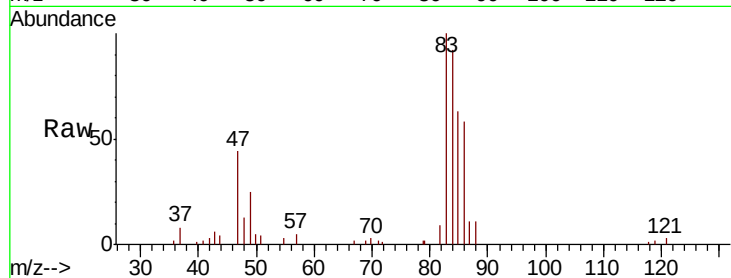




#25
Chloroform
Concen: 1.222 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037440.D
Acq: 29 Mar 2020 01:40

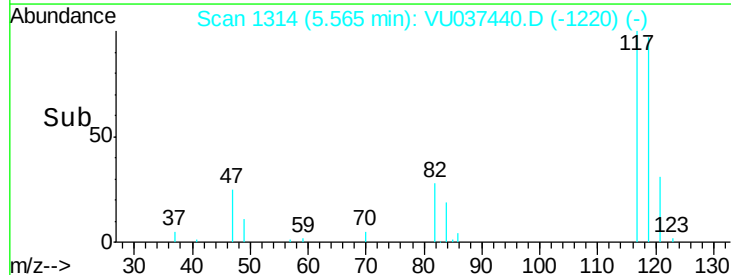
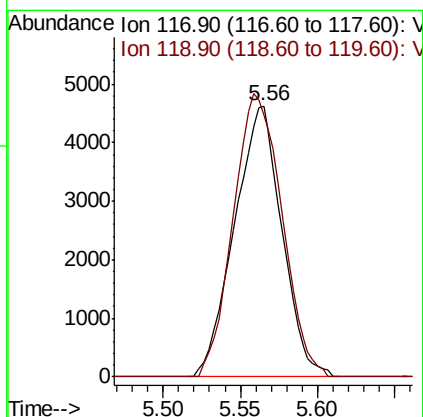
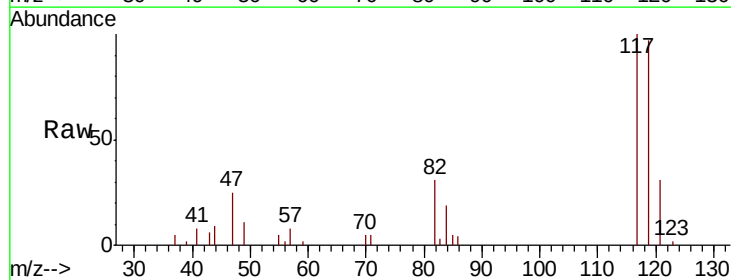
Instrument :
MSVOA_U
ClientSampleId :

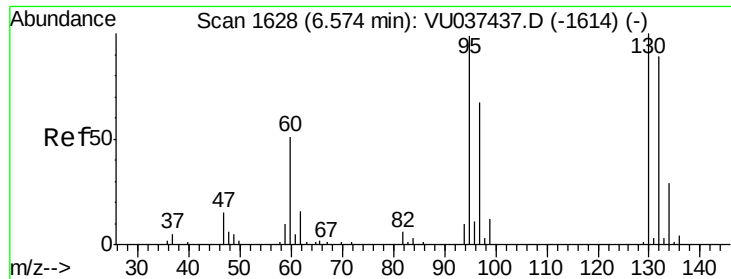
Tot Ion: 83 Resp: 17873
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.4



#31
Carbon tetrachloride
Concen: 0.900 ug/L
RT: 5.56 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VU037440.D
Acq: 29 Mar 2020 01:40

Tgt Ion: 117 Resp: 9874
Ion Ratio Lower Upper
117 100
119 107.3 77.7 116.5

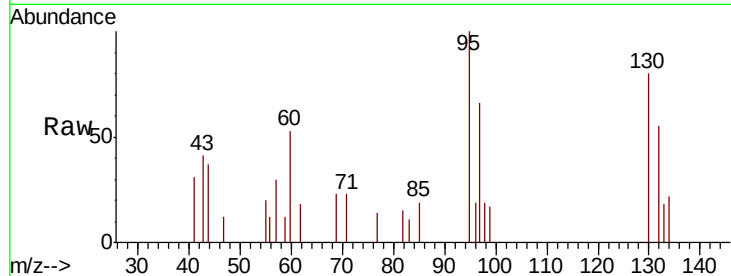




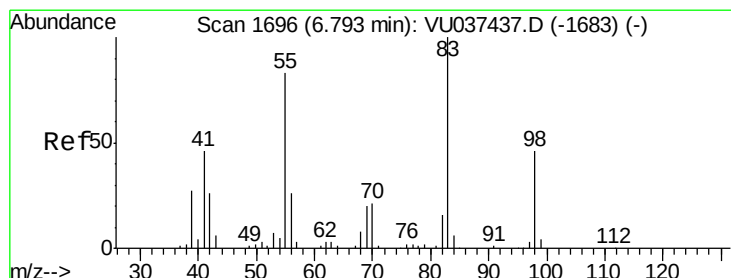
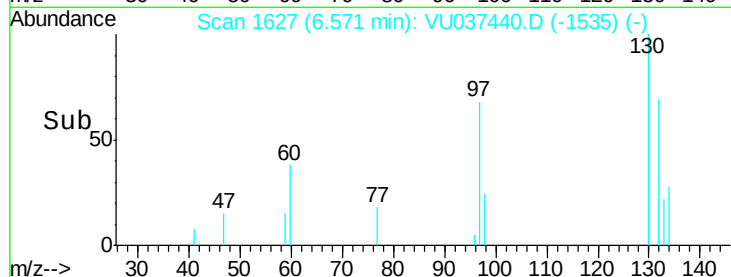
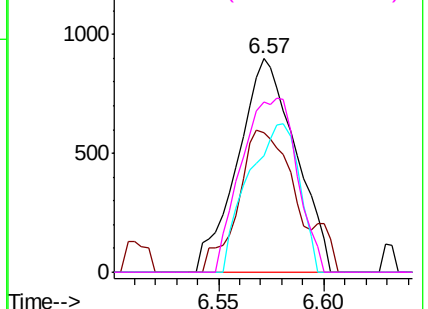
#34
 Trichloroethene
 Concen: 0.202 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037440.D
 Acq: 29 Mar 2020 01:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 1725
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.3 84.1
 132 54.8 62.7 116.5#
 130 79.6 69.1 128.3

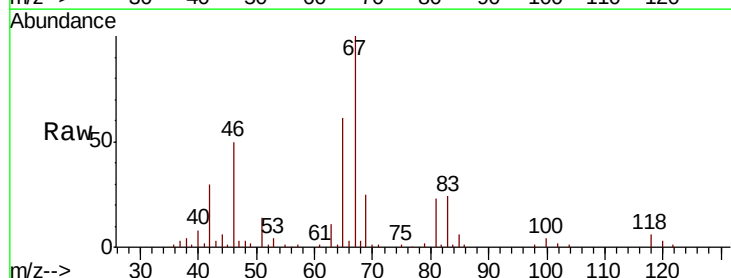


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

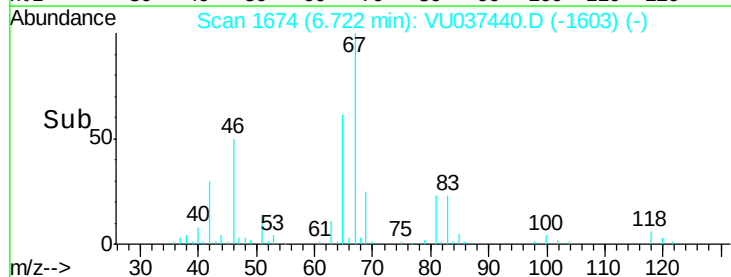
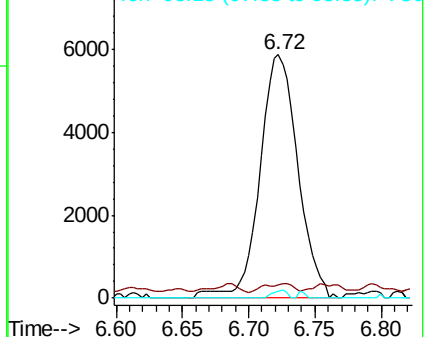


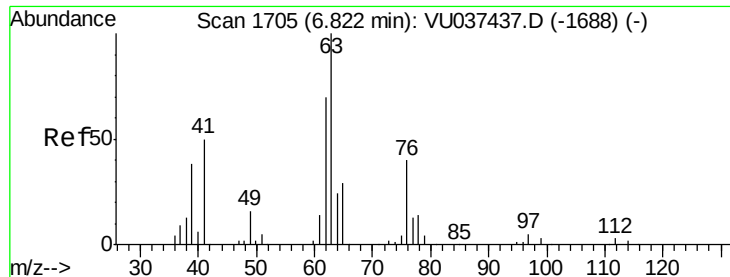
#35
 Methylcyclohexane
 Concen: 0.867 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037440.D
 Acq: 29 Mar 2020 01:40

Tgt Ion: 83 Resp: 11704
 Ion Ratio Lower Upper
 83 100
 55 1.3 64.2 96.4#
 98 1.2 36.3 54.5#



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

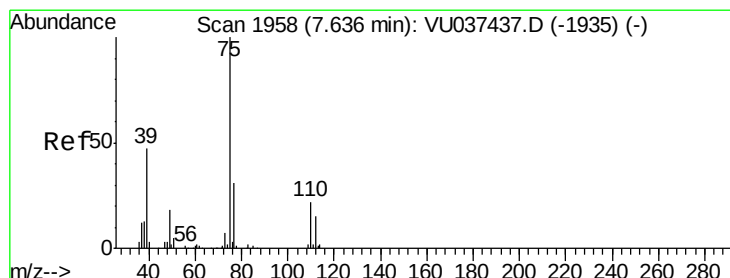
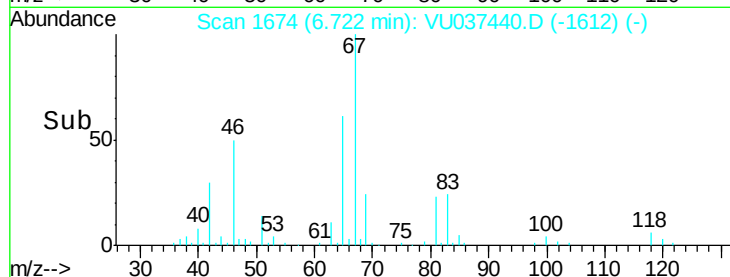
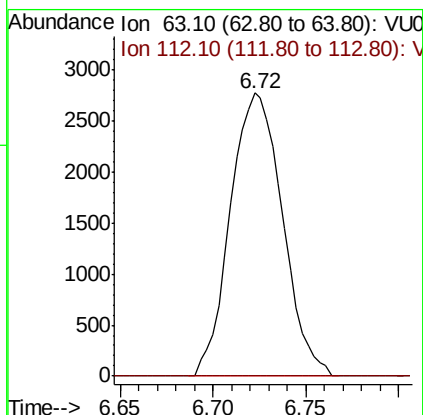
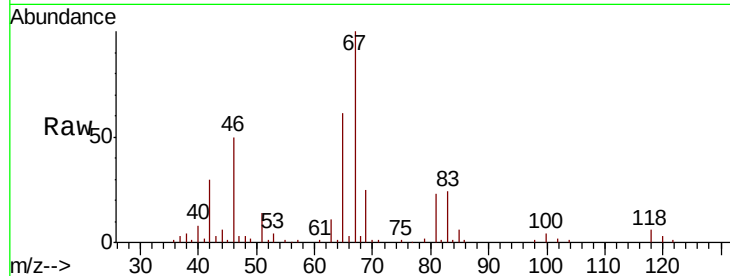




#37
 1,2-Dichloropropane
 Concen: 0.698 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037440.D
 Acq: 29 Mar 2020 01:40

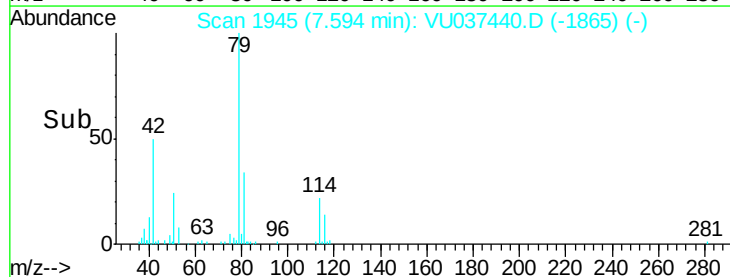
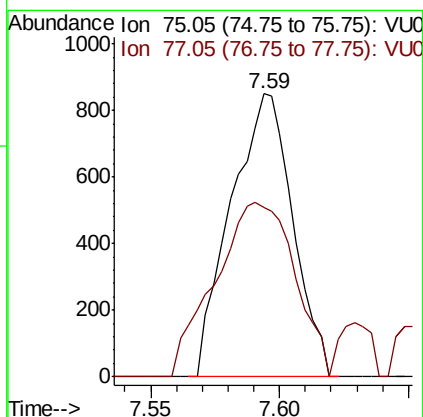
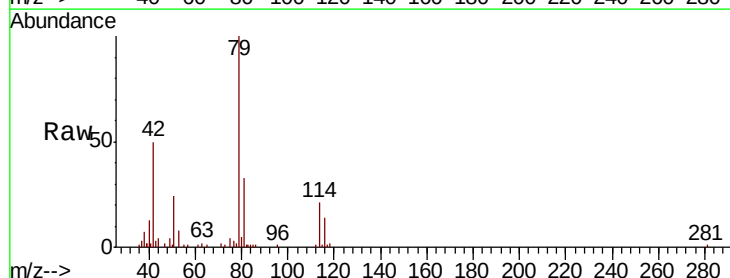
Instrument :
 MSVOA_U
 ClientSampled :

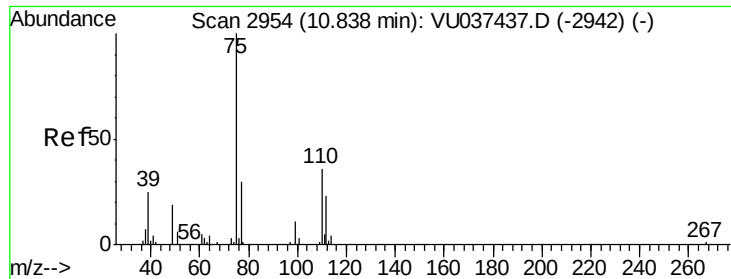
Tot Ion: 63 Resp: 5399
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037440.D
 Acq: 29 Mar 2020 01:40

Tgt Ion: 75 Resp: 1420
 Ion Ratio Lower Upper
 75 100
 77 60.0 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.346 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037440.D

Acq: 29 Mar 2020 01:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7246

Ion Ratio Lower Upper

75 100

77 38.6 27.4 41.2

