

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037432.D
 Acq On : 28 Mar 2020 21:29
 Operator : JC/MD
 Sample : L2002-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	110076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37270	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	33380	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.59	63	58749	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.67	46	111537	50.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	5.10	84	72903	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.74	65	42256	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.76	84	149185	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	47530	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.92	98	141242	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.21	79	23045	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.66	63	95852	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40088	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	51530	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

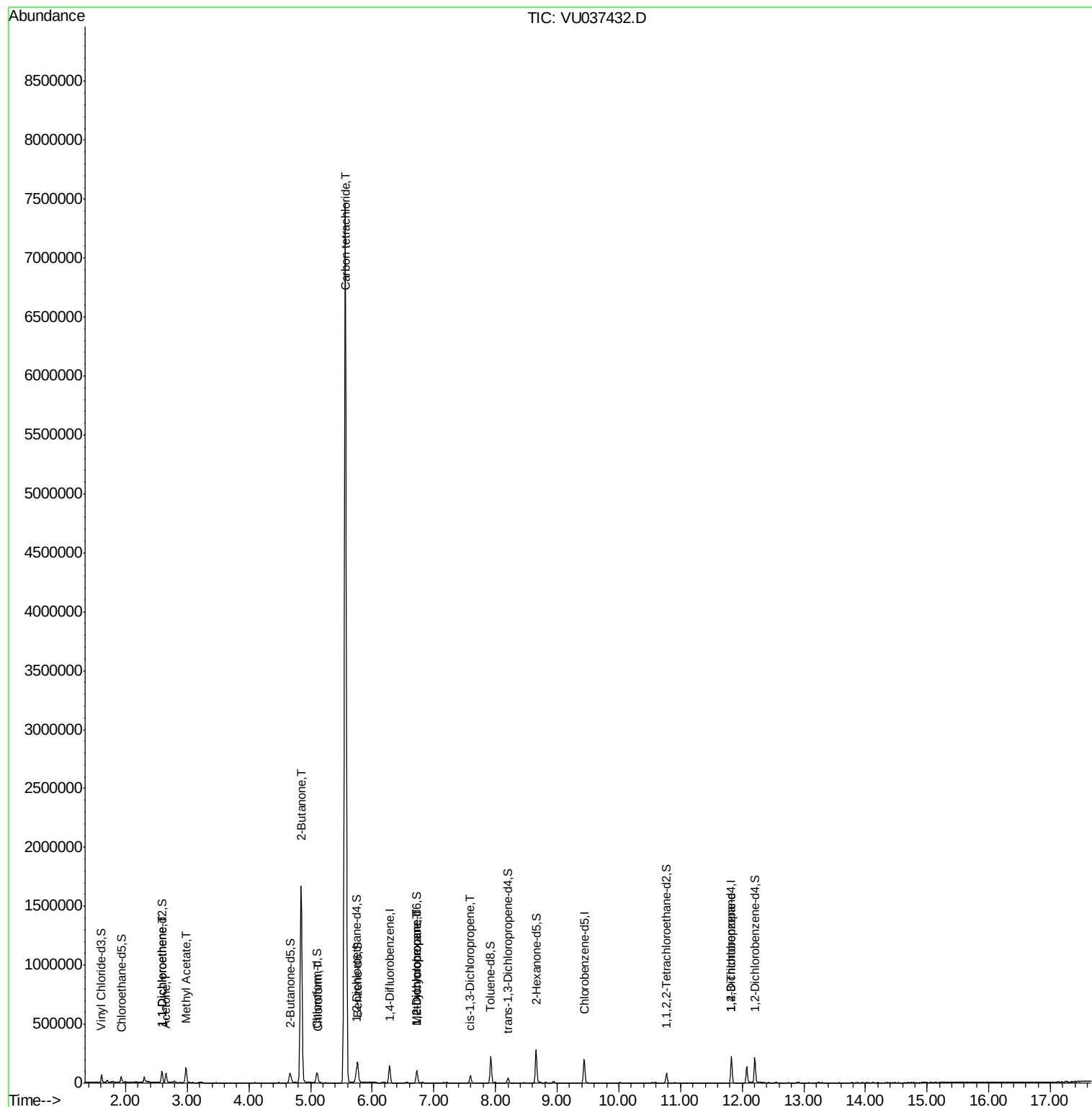
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	729	0.101	ug/L #	1
13) Acetone	2.66	43	86909	68.295	ug/L	97
15) Methyl Acetate	2.98	43	152559	42.910	ug/L	98
21) 2-Butanone	4.85	43	2202349	1018.019	ug/L #	46
25) Chloroform	5.13	83	5533	0.372	ug/L	96
31) Carbon tetrachloride	5.57	117	5003470	436.458	ug/L	99
35) Methylcyclohexane	6.73	83	12245	0.868	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	5624	0.695	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1664	0.126	ug/L #	66
59) 1,2,3-Trichloropropane	11.82	75	7571	1.346	ug/L	97

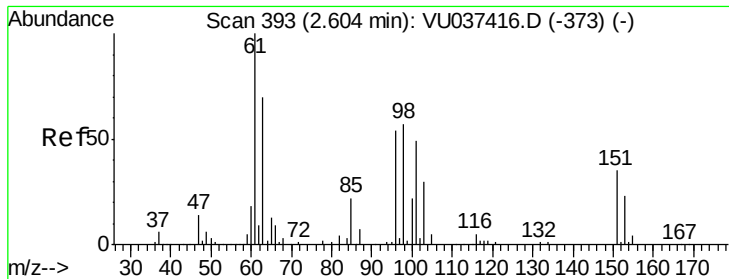
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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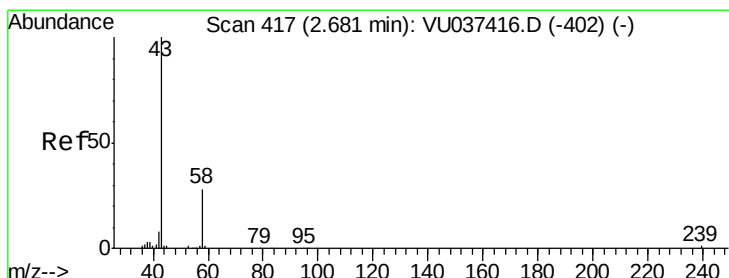
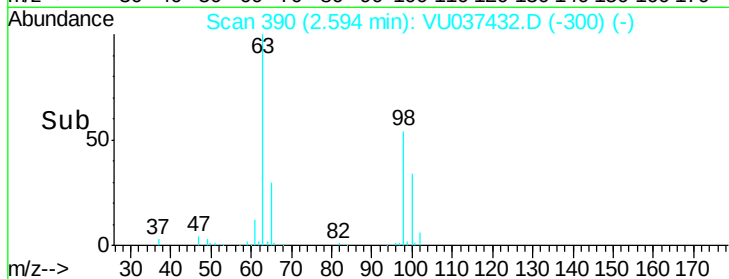
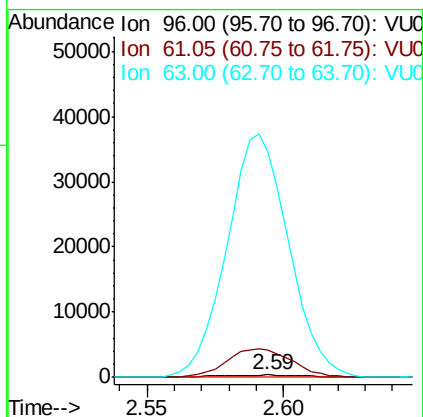
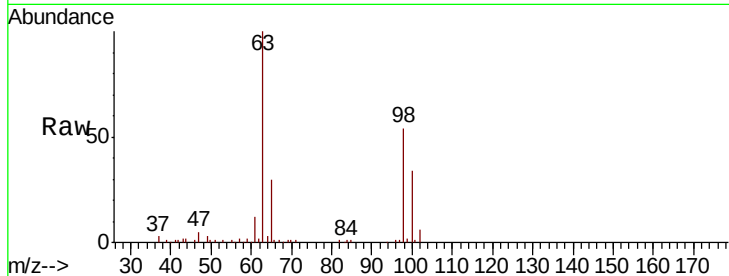




#12
 1,1-Dichloroethene
 Concen: 0.101 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037432.D
 Acq: 28 Mar 2020 21:29

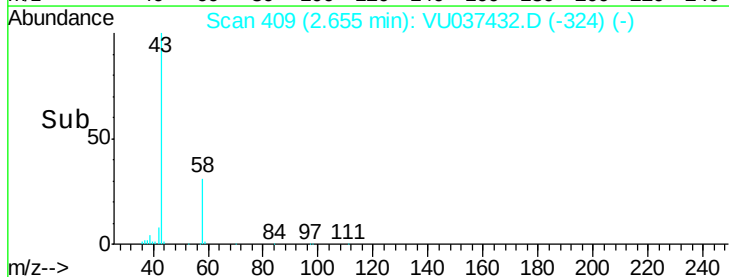
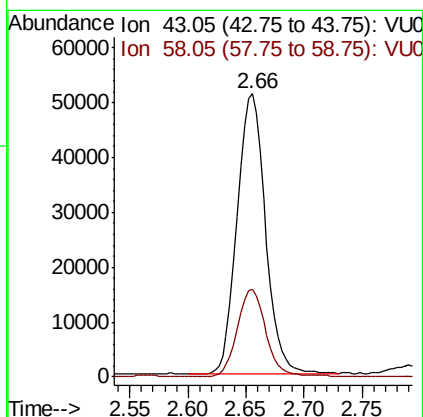
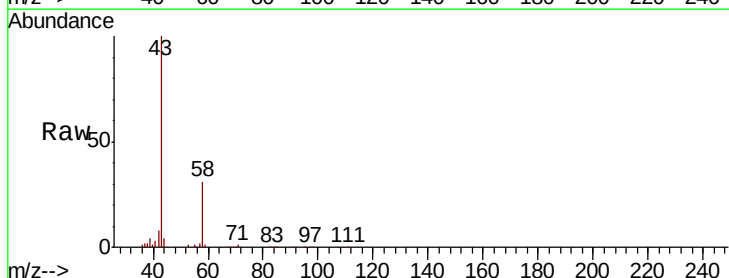
Instrument :
 MSVOA_U
 ClientSampleId :

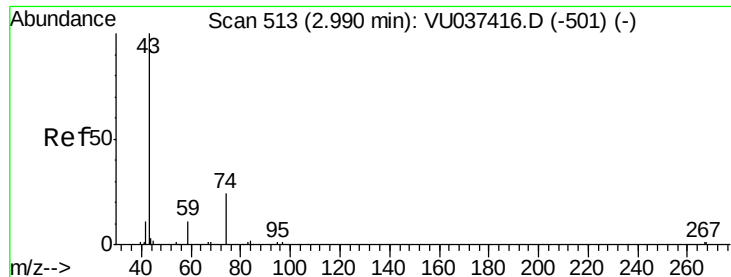
Tot Ion: 96 Resp: 729
 Ion Ratio Lower Upper
 96 100
 61 1136.4 125.4 232.8#
 63 9483.8 90.9 168.7#



#13
 Acetone
 Concen: 68.295 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037432.D
 Acq: 28 Mar 2020 21:29

Tgt Ion: 43 Resp: 86909
 Ion Ratio Lower Upper
 43 100
 58 31.4 0.0 66.0

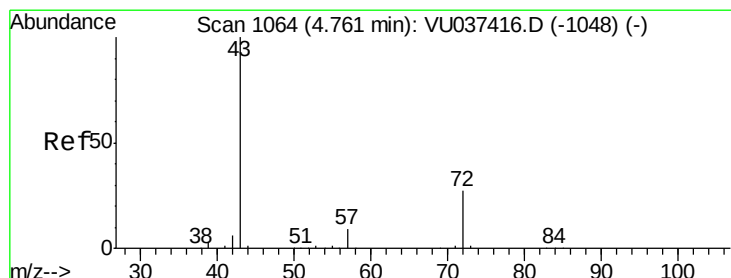
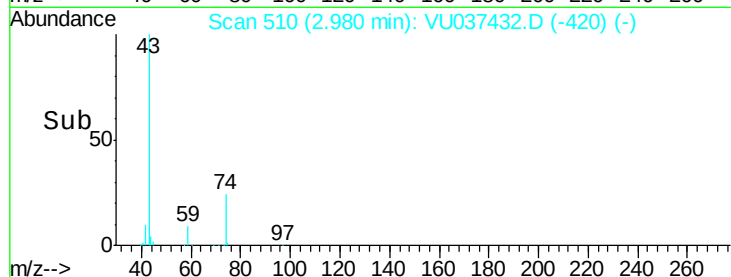
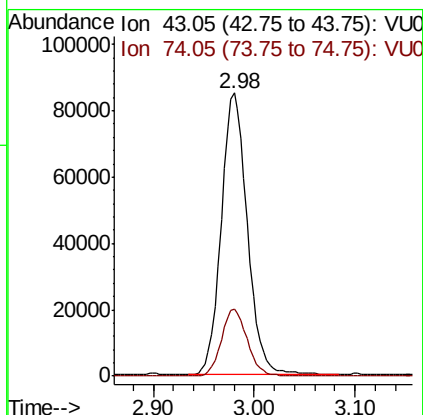
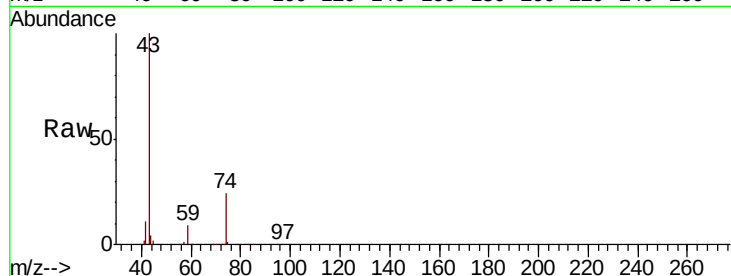




#15
Methvl Acetate
Concen: 42.910 ug/L
RT: 2.98 min Scan# 510
Delta R.T. -0.01 min
Lab File: VU037432.D
Acq: 28 Mar 2020 21:29

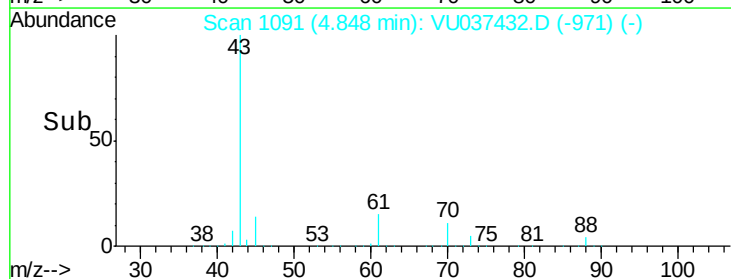
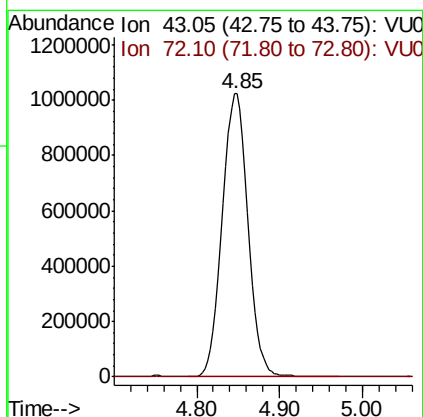
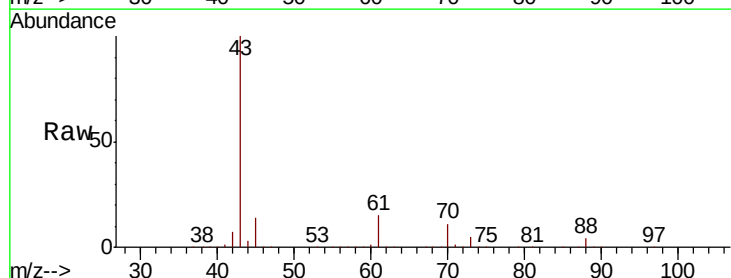
Instrument :
MSVOA_U
ClientSampleId :

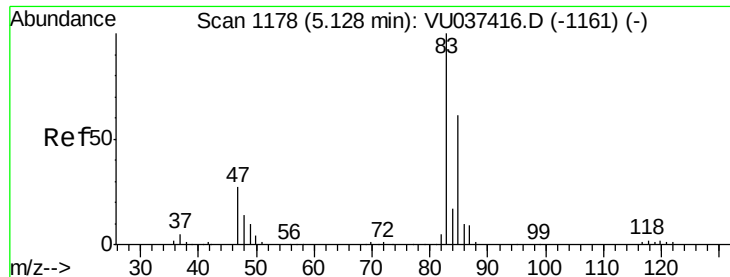
Tot Ion: 43 Resp: 152559
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.6



#21
2-Butanone
Concen: 1018.019 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.09 min
Lab File: VU037432.D
Acq: 28 Mar 2020 21:29

Tgt Ion: 43 Resp: 2202349
Ion Ratio Lower Upper
43 100
72 0.1 14.2 42.6#

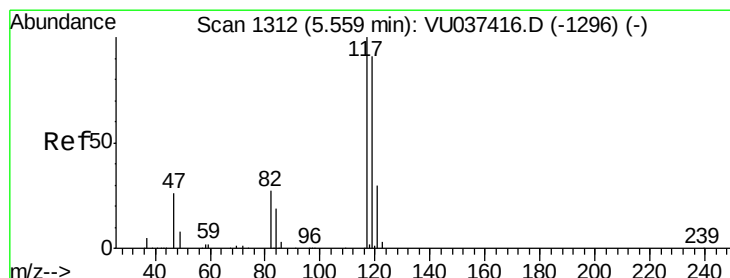
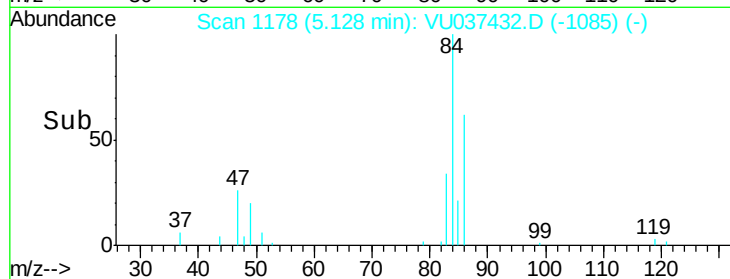
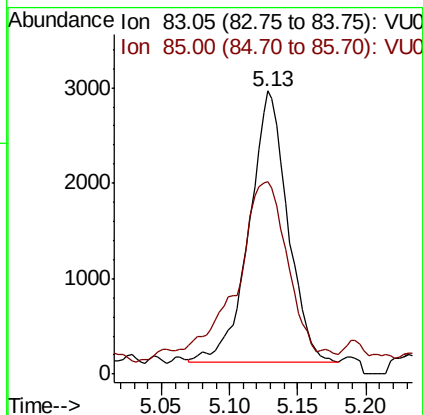
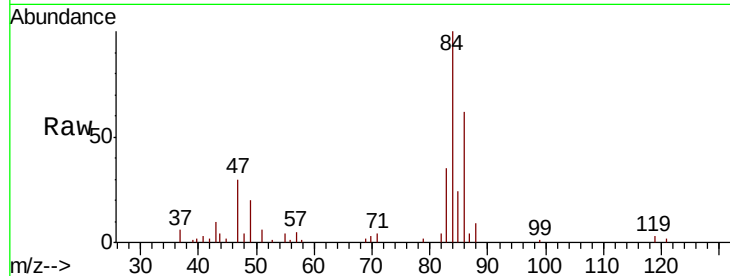




#25
Chloroform
Concen: 0.372 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037432.D
Acq: 28 Mar 2020 21:29

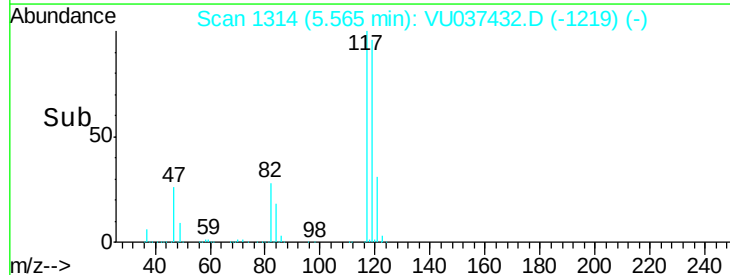
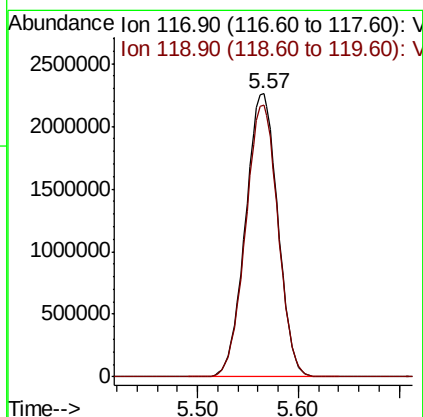
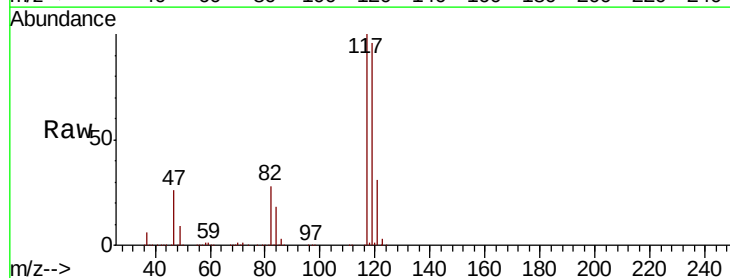
Instrument :
MSVOA_U
ClientSampleId :

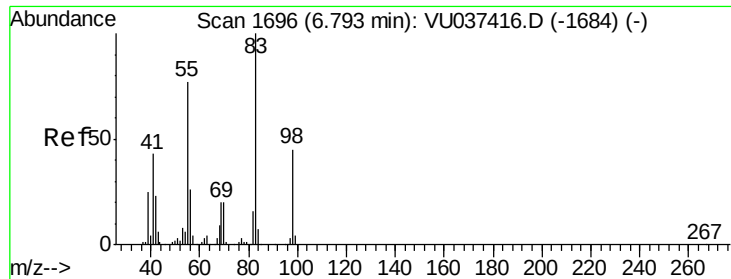
Tot Ion: 83 Resp: 5533
Ion Ratio Lower Upper
83 100
85 67.9 45.4 84.4



#31
Carbon tetrachloride
Concen: 436.458 ug/L
RT: 5.57 min Scan# 1314
Delta R.T. 0.01 min
Lab File: VU037432.D
Acq: 28 Mar 2020 21:29

Tgt Ion: 117 Resp: 5003470
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5

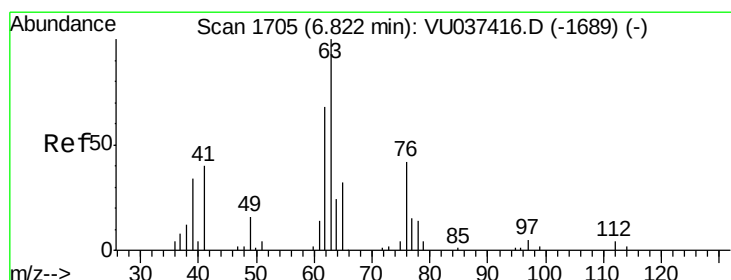
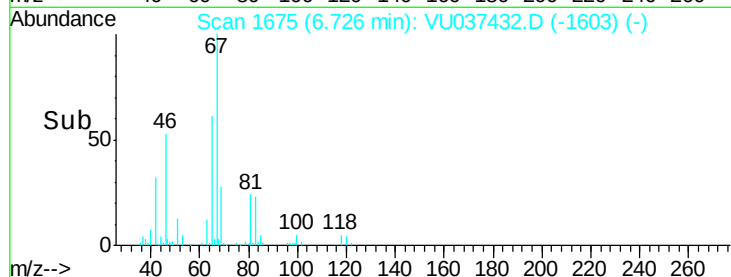
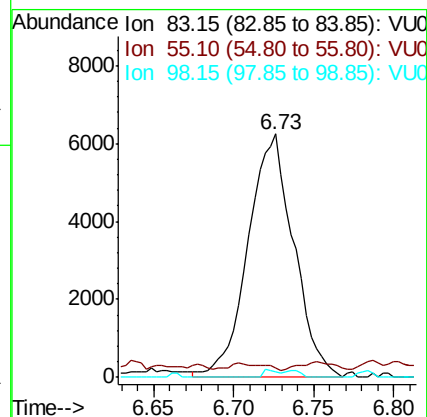
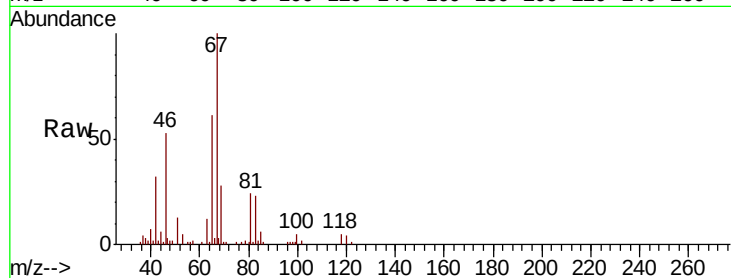




#35
Methylvlcyclohexane
Concen: 0.868 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037432.D
Acq: 28 Mar 2020 21:29

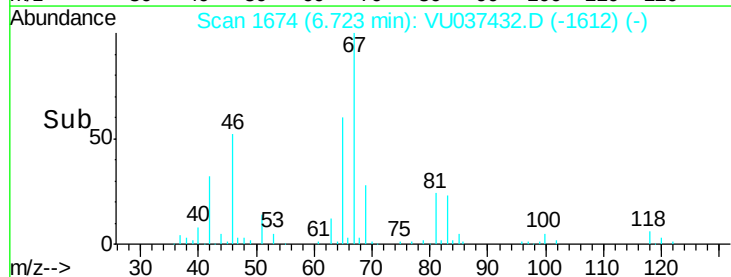
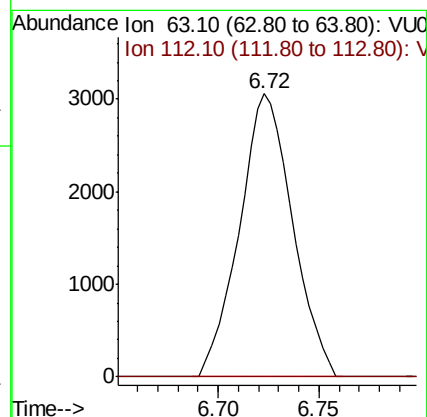
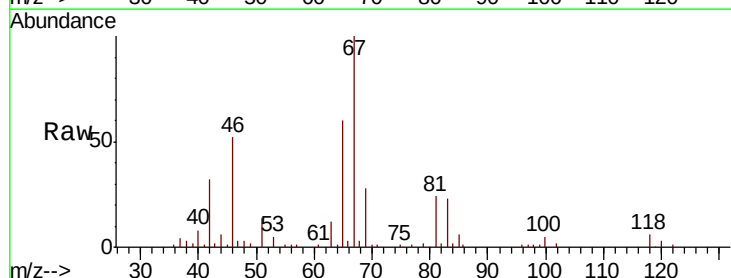
Instrument :
MSVOA_U
ClientSampleId :

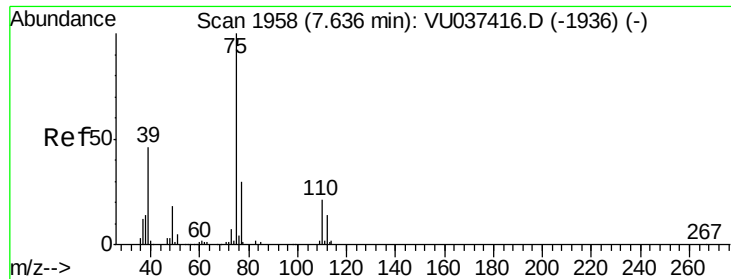
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.2	96.4#
98	1.0	36.3	54.5#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037432.D
Acq: 28 Mar 2020 21:29

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

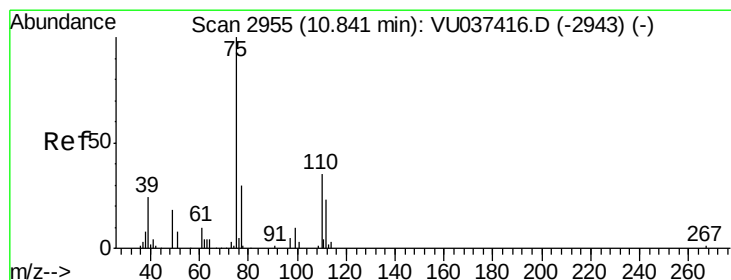
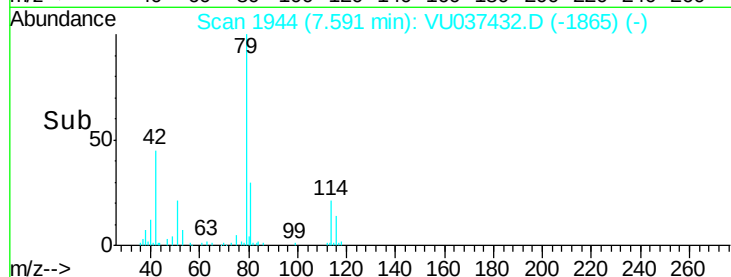
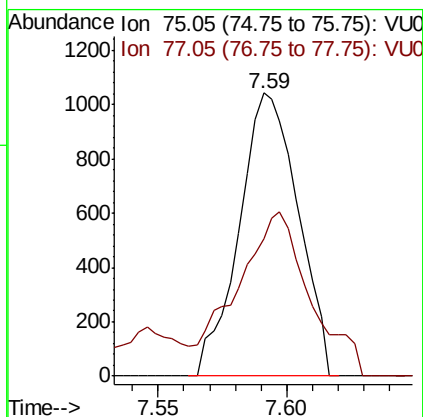
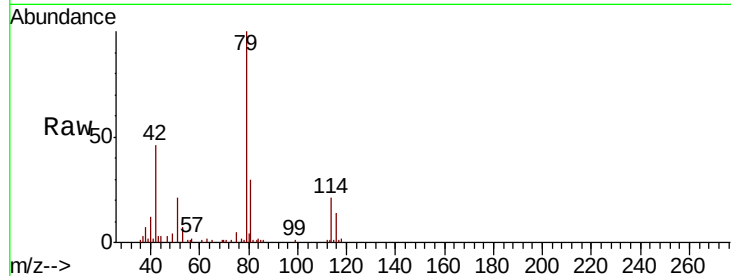




#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037432.D
 Acq: 28 Mar 2020 21:29

Instrument :
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 ClientSampleId :

Tot Ion: 75 Resp: 1664
 Ion Ratio Lower Upper
 75 100
 77 48.8 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.346 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037432.D
 Acq: 28 Mar 2020 21:29

Tgt Ion: 75 Resp: 7571
 Ion Ratio Lower Upper
 75 100
 77 36.0 27.4 41.2

