

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036731.D
 Acq On : 11 Feb 2020 19:35
 Operator : JC/MD
 Sample : L1414-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

Quant Time: Feb 12 08:25:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 08:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	124453	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	116717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50641	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	44298	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	65663	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.68	46	88175	39.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	5.11	84	70738	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	43594	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	170307	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	53708	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	155775	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.21	79	19472	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.67	63	96284	48.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40223	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	47737	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

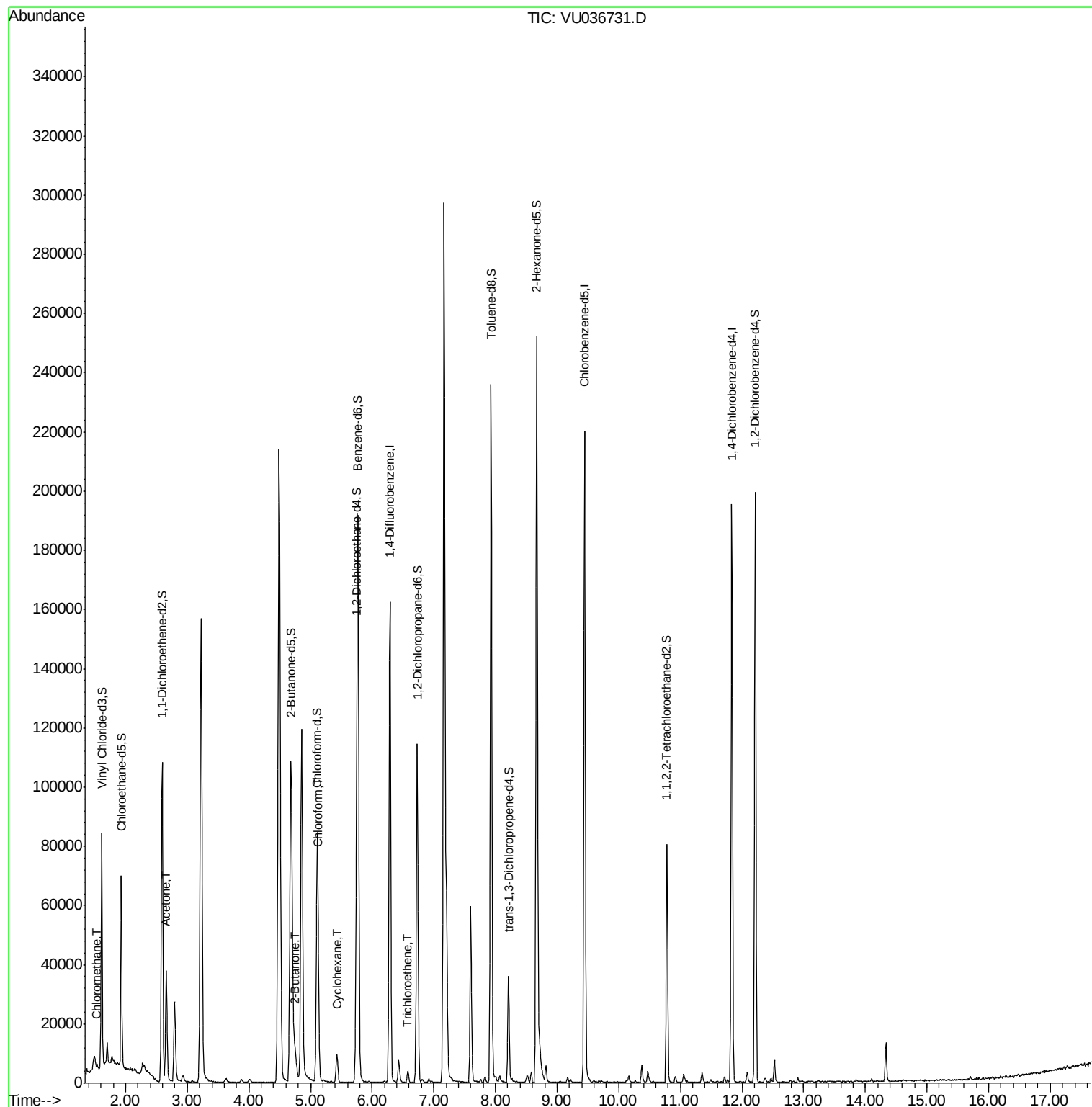
					Ovalue
3) Chloromethane	1.54	50	1168	0.137	ug/L 93
13) Acetone	2.66	43	41887	14.595	ug/L 99
21) 2-Butanone	4.76	43	8765	2.625	ug/L 85
25) Chloroform	5.13	83	6567	0.375	ug/L 97
30) Cyclohexane	5.43	56	4879	0.358	ug/L 97
34) Trichloroethene	6.58	95	1305	0.142	ug/L 95

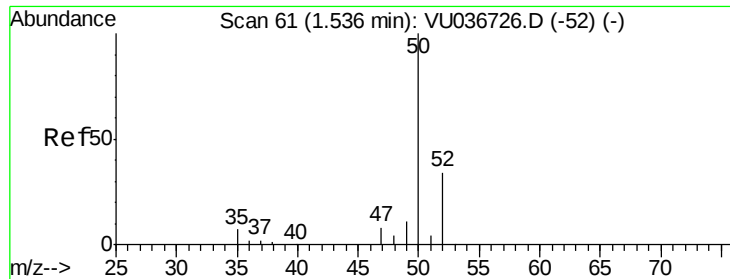
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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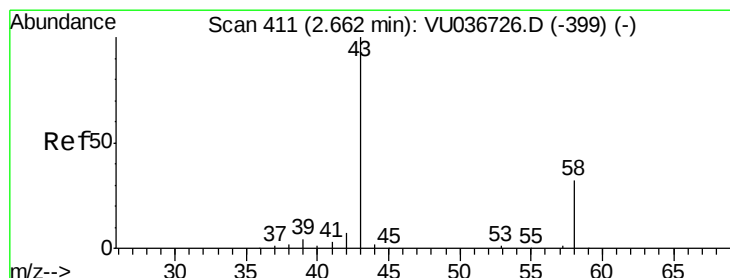
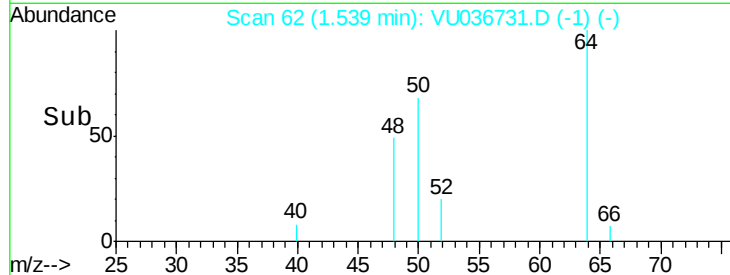
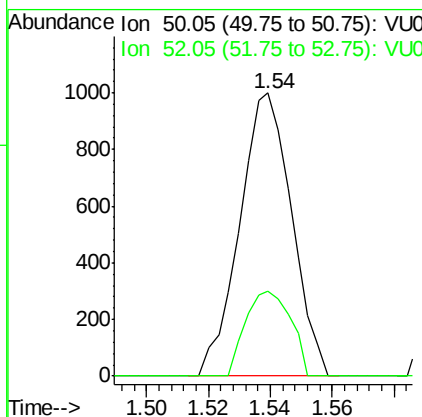
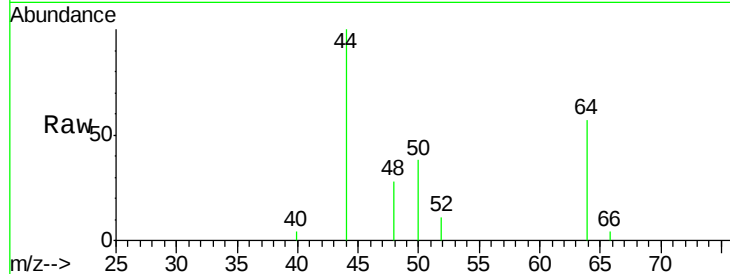




#3
 Chloromethane
 Concen: 0.137 ug/L
 RT: 1.54 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: VU036731.D
 Acq: 11 Feb 2020 19:35

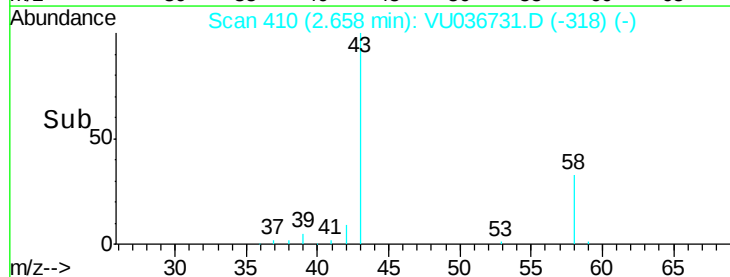
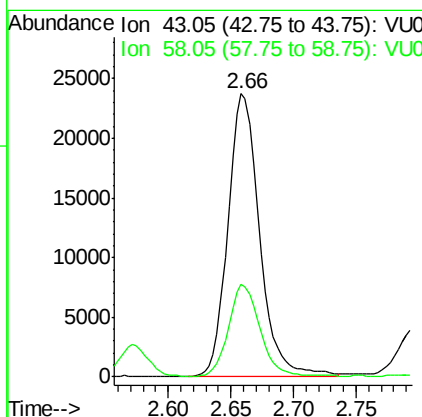
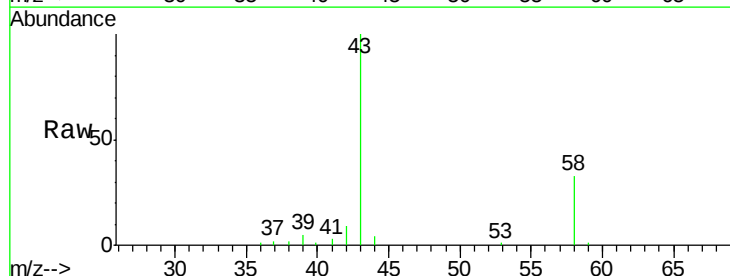
Instrument :
 MSVOA_U
 ClientSampleID :
 C0AA9

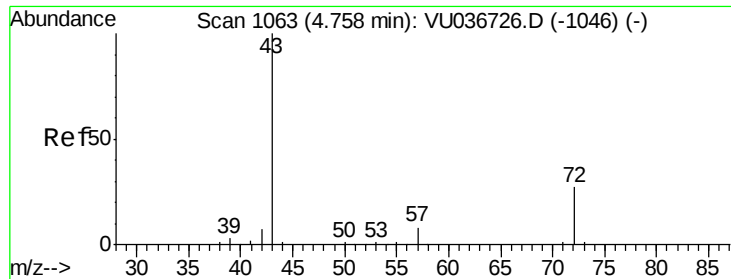
Tot Ion: 50 Resp: 1168
 Ion Ratio Lower Upper
 50 100
 52 29.9 23.8 44.2



#13
 Acetone
 Concen: 14.595 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU036731.D
 Acq: 11 Feb 2020 19:35

Tgt Ion: 43 Resp: 41887
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 64.2

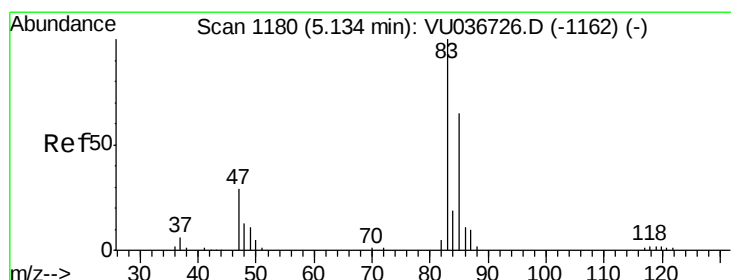
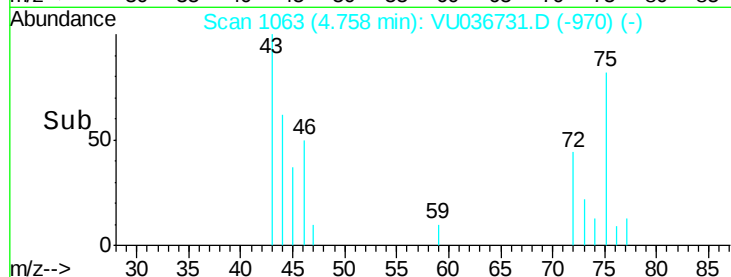
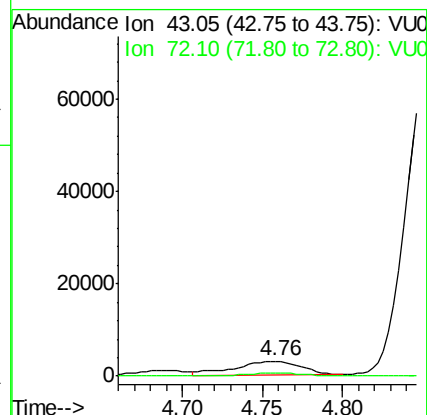
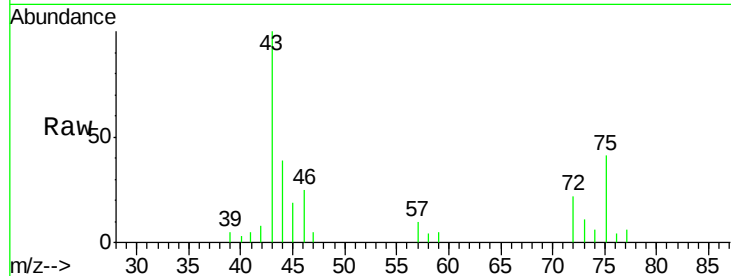




#21
2-Butanone
Concen: 2.625 ug/L
RT: 4.76 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

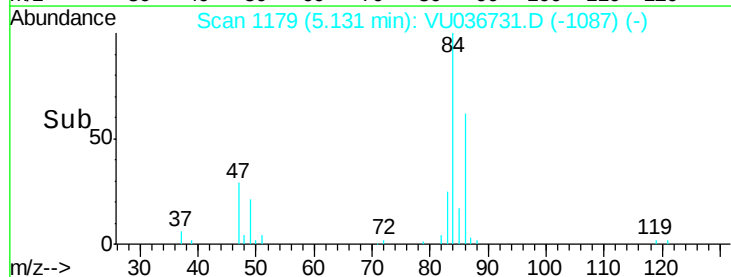
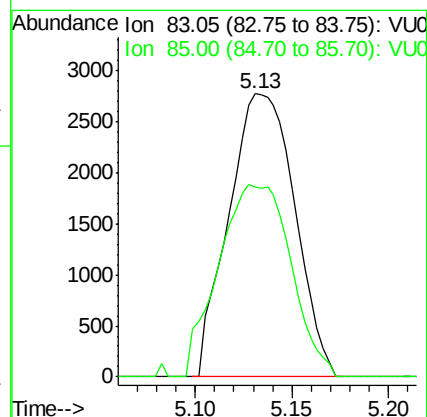
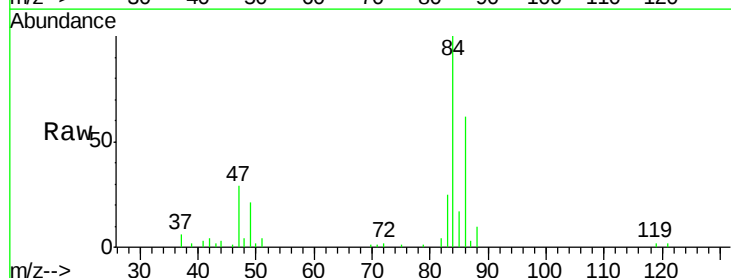
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

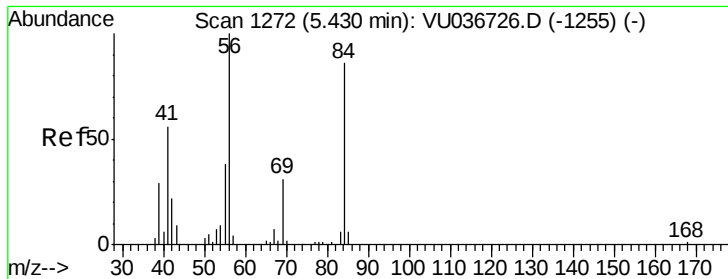
Tot Ion: 43 Resp: 8765
Ion Ratio Lower Upper
43 100
72 19.8 14.0 41.9



#25
Chloroform
Concen: 0.375 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

Tgt Ion: 83 Resp: 6567
Ion Ratio Lower Upper
83 100
85 67.0 45.4 84.2

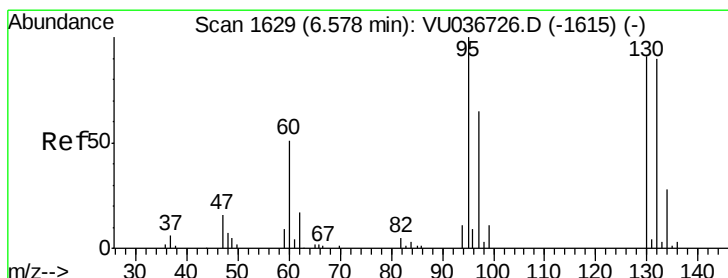
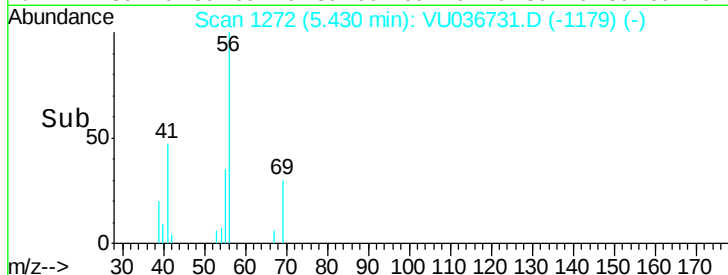
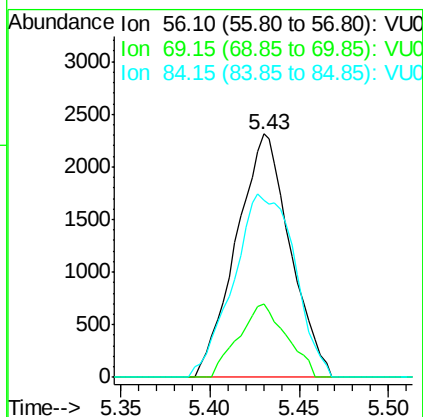
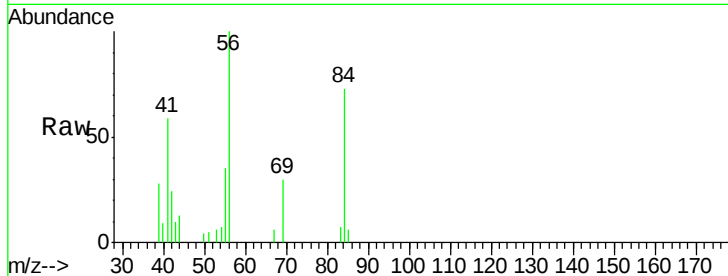




#30
Cyclohexane
Concen: 0.358 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

Instrument :
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C0AA9

Tot Ion: 56 Resp: 4879
Ion Ratio Lower Upper
56 100
69 26.8 24.6 37.0
84 85.7 70.0 105.0



#34
Trichloroethene
Concen: 0.142 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036731.D
Acq: 11 Feb 2020 19:35

Tgt Ion: 95 Resp: 1305
Ion Ratio Lower Upper
95 100
97 70.0 45.6 84.8
132 94.2 62.8 116.6
130 95.7 63.8 118.4

