

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038205.D
 Acq On : 15 May 2020 17:59
 Operator : JC/MD
 Sample : L2653-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:36:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	341006	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	332940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157023	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134861	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	119869	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	161098	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.68	46	424976	55.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.44%
24) Chloroform-d	5.10	84	216500	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.74	65	133075	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	456740	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	153530	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.92	98	389473	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	55216	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.66	63	311600	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121165	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152350	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

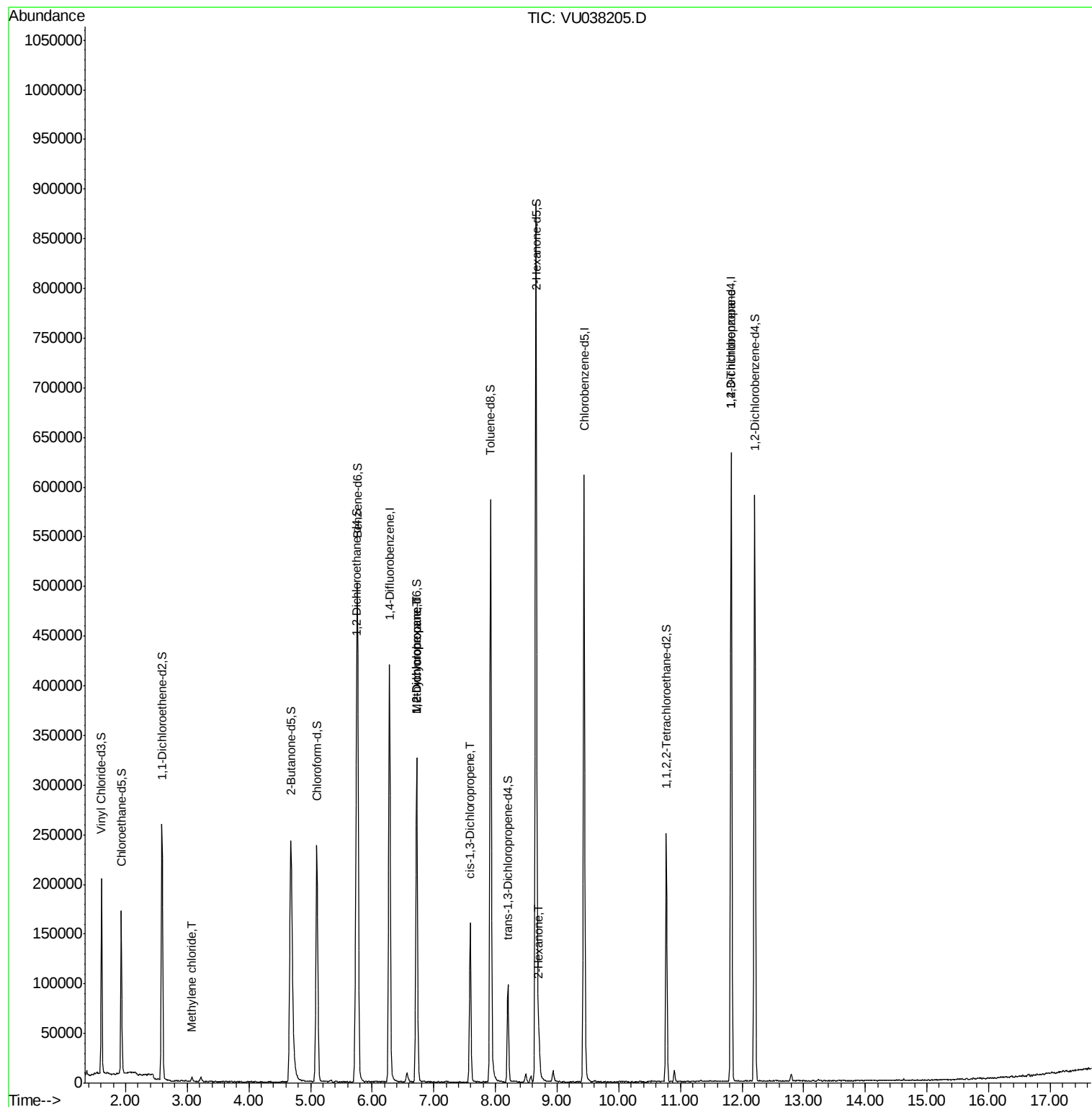
					Ovalue
16) Methylene chloride	3.07	84	1856	0.067 ug/L	95
35) Methylcyclohexane	6.72	83	34005	0.787 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15925	0.550 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3620	0.087 ug/L #	52
48) 2-Hexanone	8.71	43	22743	1.547 ug/L #	95
59) 1,2,3-Trichloropropane	11.83	75	21550	1.109 ug/L	92

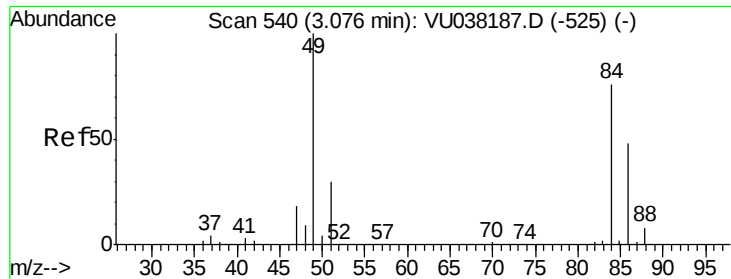
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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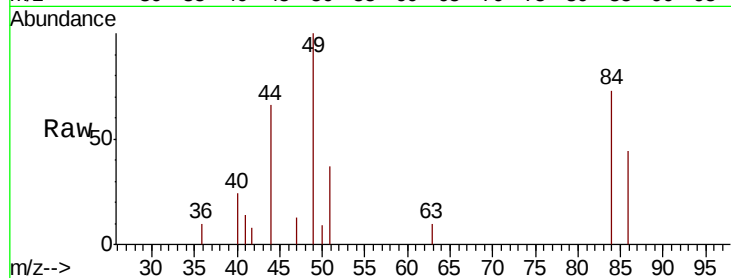




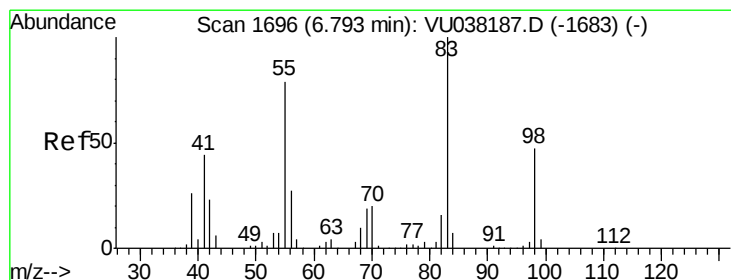
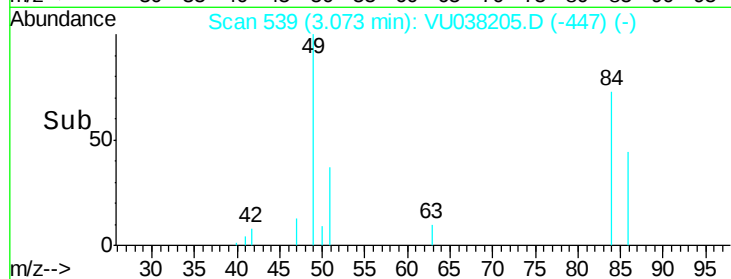
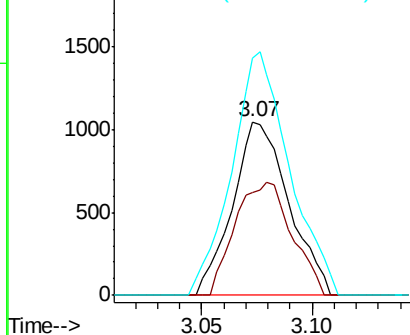
#16
Methvlene chloride
Concen: 0.067 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038205.D
Acq: 15 May 2020 17:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1856
Ion Ratio Lower Upper
84 100
86 59.6 44.9 83.3
49 136.7 92.0 170.9

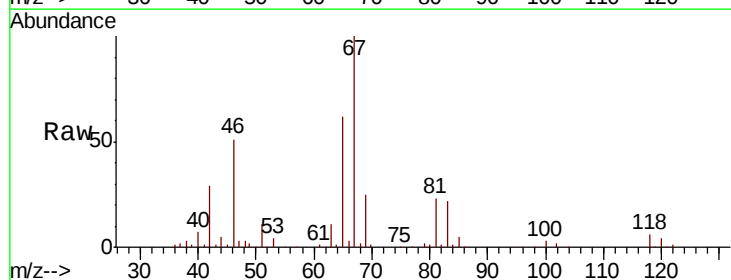


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

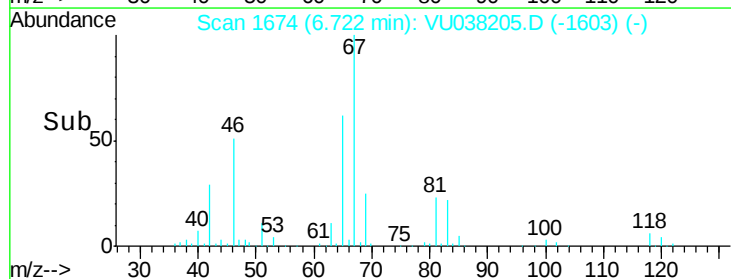
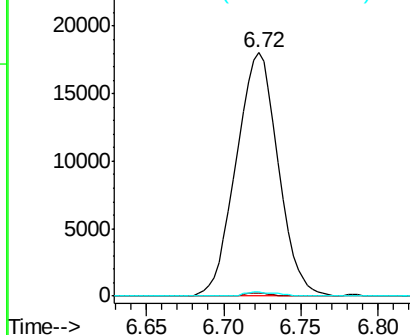


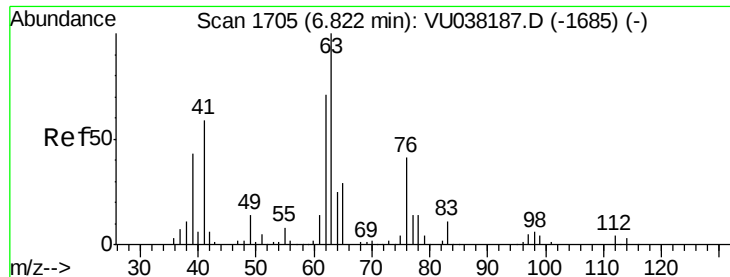
#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038205.D
Acq: 15 May 2020 17:59

Tgt Ion: 83 Resp: 34005
Ion Ratio Lower Upper
83 100
55 0.7 66.7 100.1#
98 1.3 39.4 59.2#



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

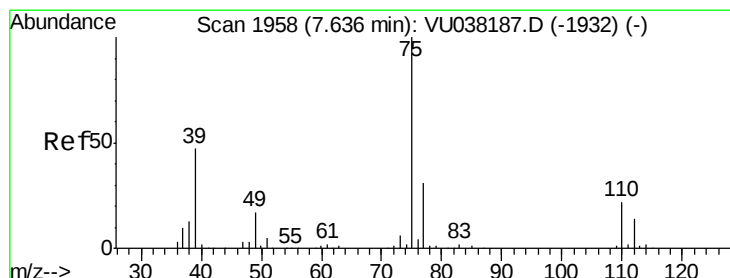
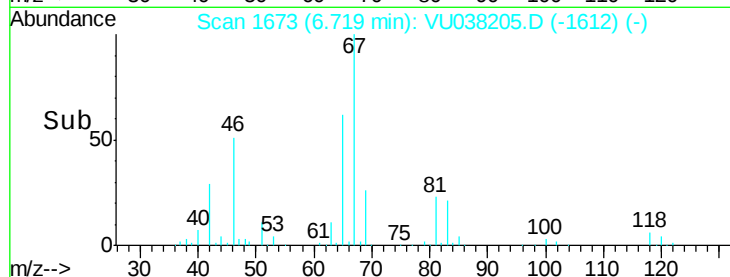
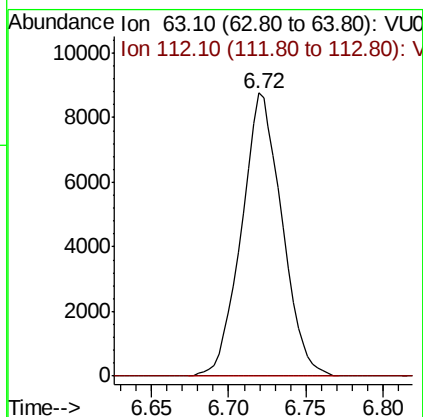
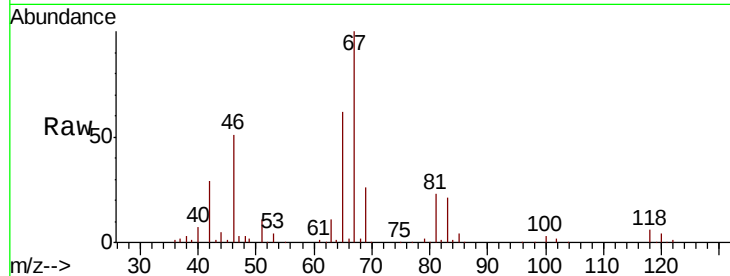




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038205.D
 Acq: 15 May 2020 17:59

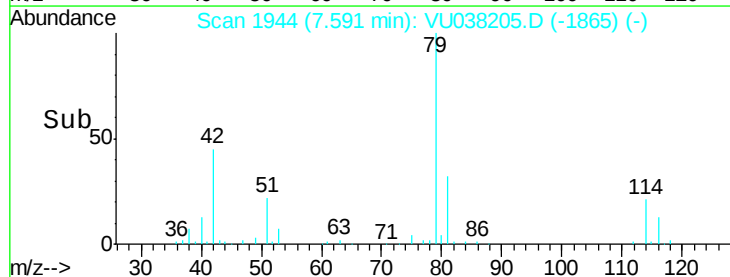
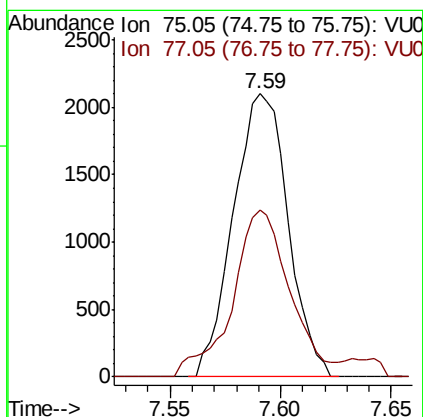
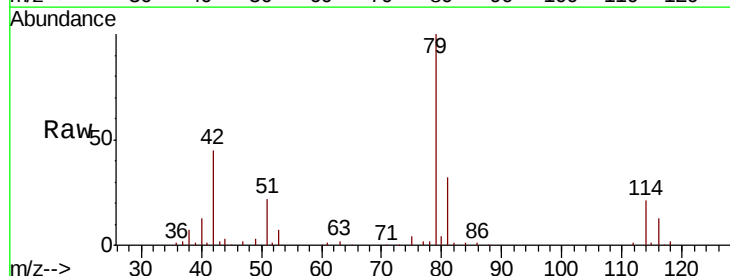
Instrument :
 MSVOA_U
 ClientSampleId :

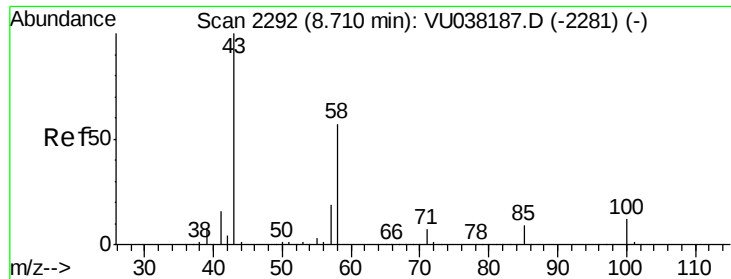
Tot Ion: 63 Resp: 15925
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038205.D
 Acq: 15 May 2020 17:59

Tgt Ion: 75 Resp: 3620
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.4 41.6#

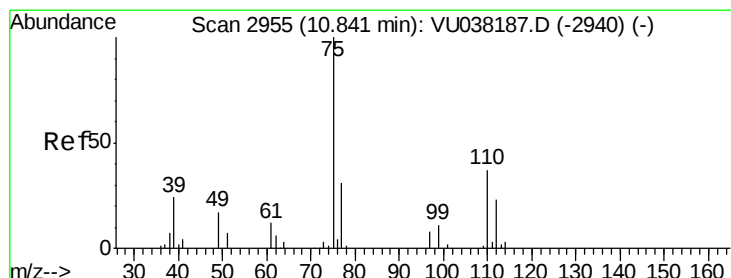
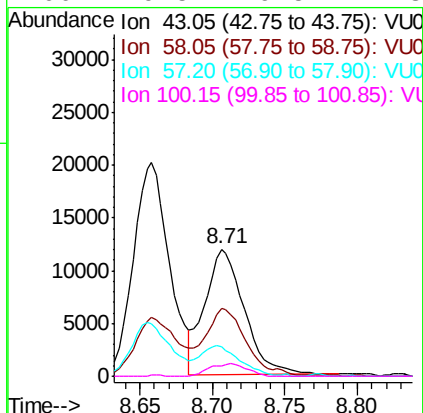
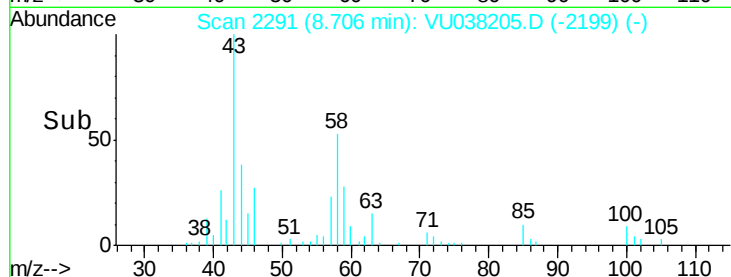
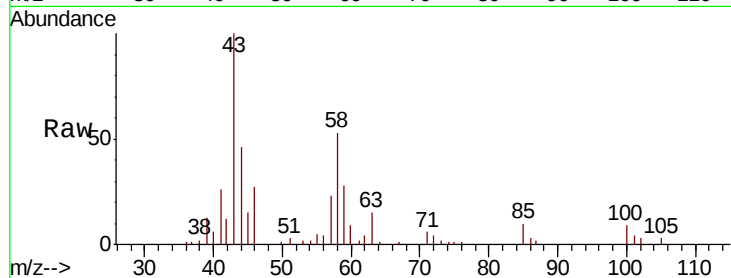




#48
2-Hexanone
Concen: 1.547 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038205.D
Acq: 15 May 2020 17:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 22743
Ion Ratio Lower Upper
43 100
58 55.1 45.2 67.8
57 25.0 15.5 23.3#
100 9.5 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.109 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038205.D
Acq: 15 May 2020 17:59

Tgt Ion: 75 Resp: 21550
Ion Ratio Lower Upper
75 100
77 36.3 25.4 38.0

