

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038083.D
 Acq On : 08 May 2020 15:06
 Operator : JC/MD
 Sample : L2527-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:13:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	352957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	345789	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139139	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	122577	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	170008	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	378911	47.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	5.10	84	207664	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.74	65	130614	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.76	84	479922	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	158115	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	417397	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.20	79	56073	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.65	63	309688	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118579	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	151846	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

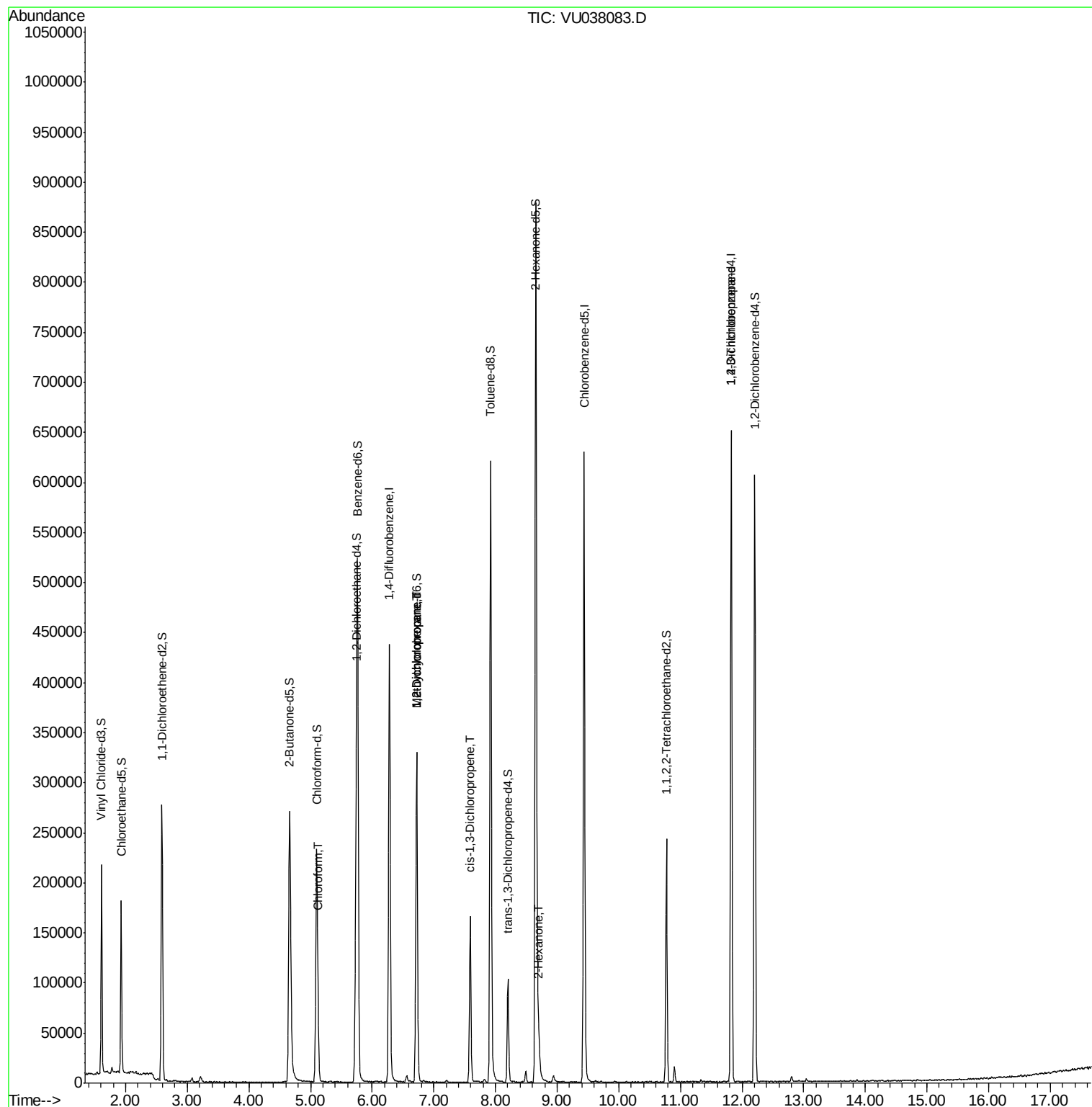
					Ovalue
25) Chloroform	5.13	83	16256	0.334 ug/L	94
35) Methylcyclohexane	6.72	83	35422	0.790 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16603	0.552 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3698	0.086 ug/L #	46
48) 2-Hexanone	8.71	43	22972	1.505 ug/L #	95
59) 1,2,3-Trichloropropane	11.83	75	21318	1.056 ug/L	93

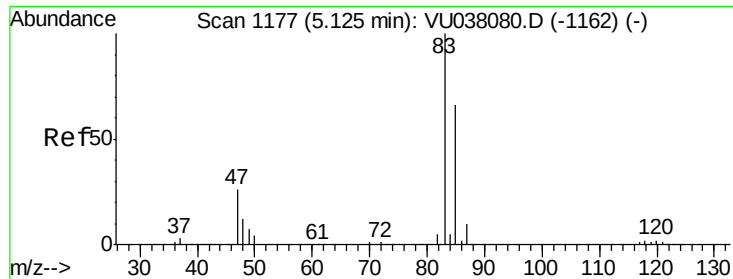
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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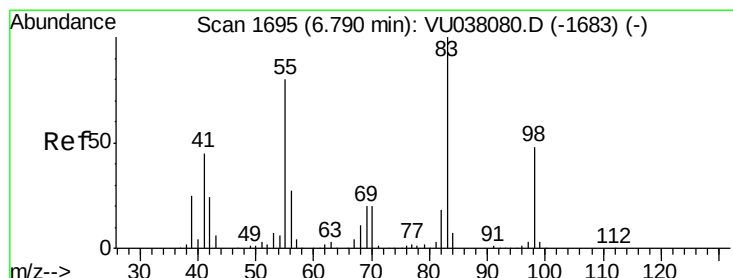
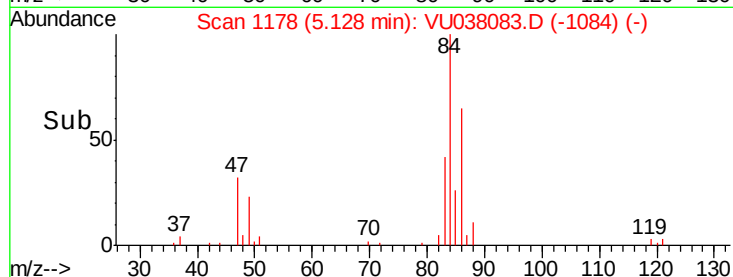
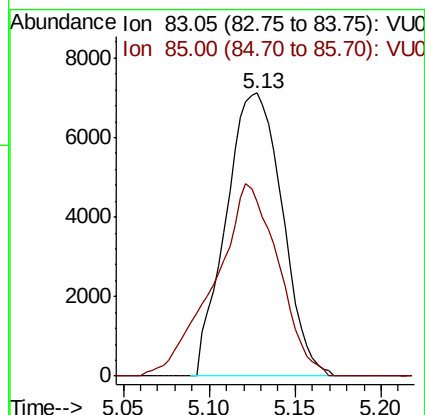
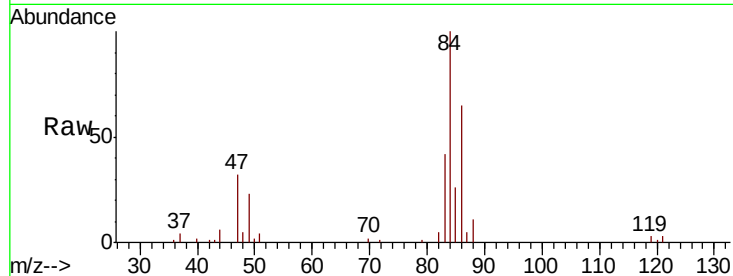




#25
Chloroform
Concen: 0.334 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038083.D
Acq: 08 May 2020 15:06

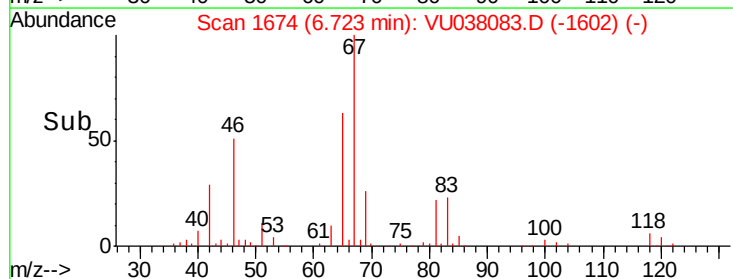
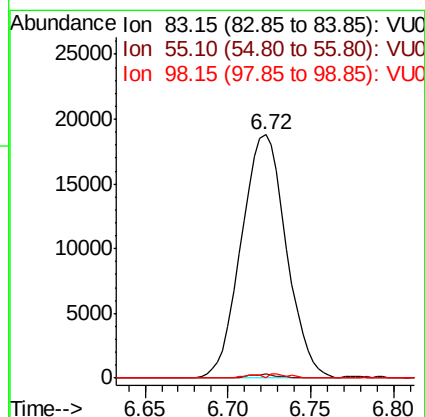
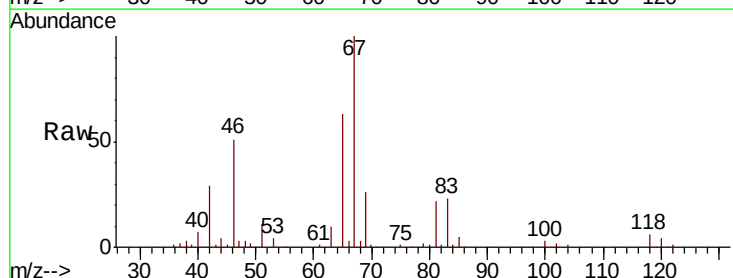
Instrument :
MSVOA_U
ClientSampleId :

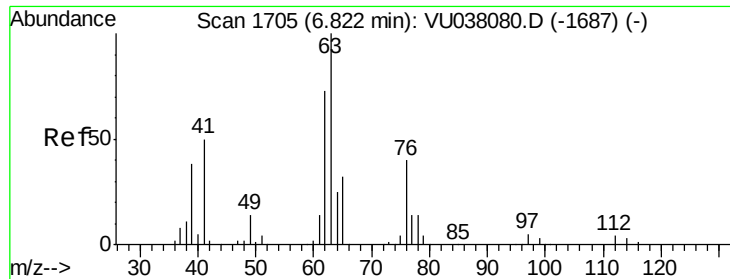
Tot Ion: 83 Resp: 16256
Ion Ratio Lower Upper
83 100
85 61.6 46.2 85.8



#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038083.D
Acq: 08 May 2020 15:06

Tgt Ion: 83 Resp: 35422
Ion Ratio Lower Upper
83 100
55 1.0 66.7 100.1#
98 0.7 39.4 59.2#

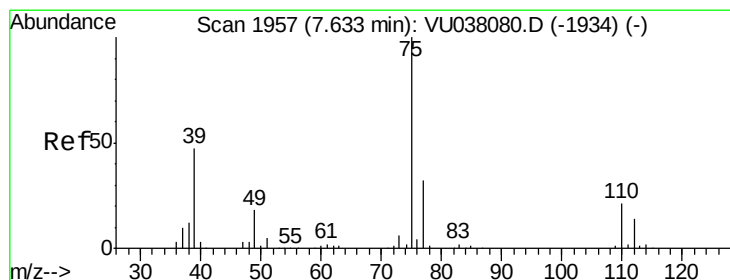
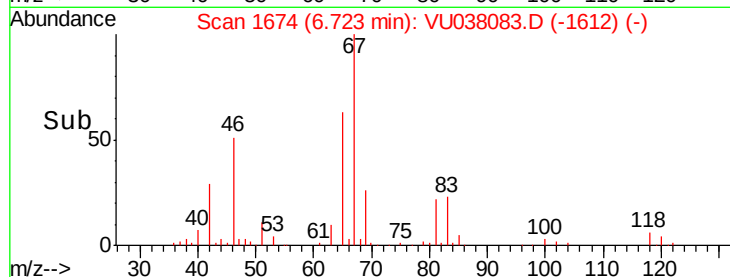
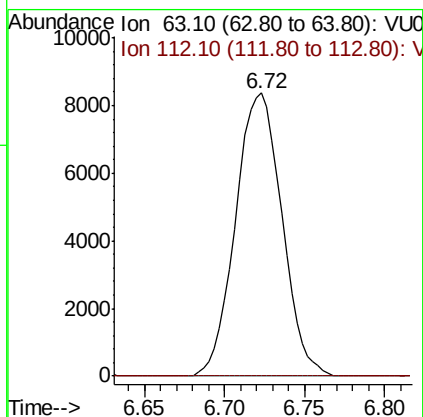
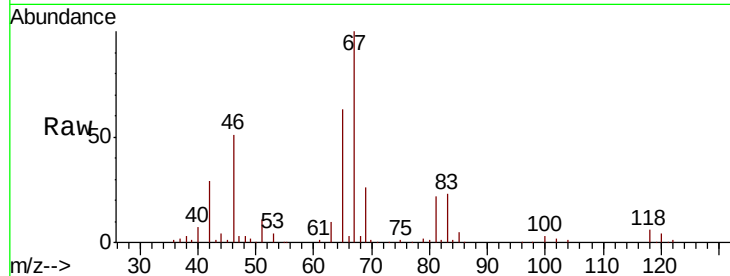




#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038083.D
 Acq: 08 May 2020 15:06

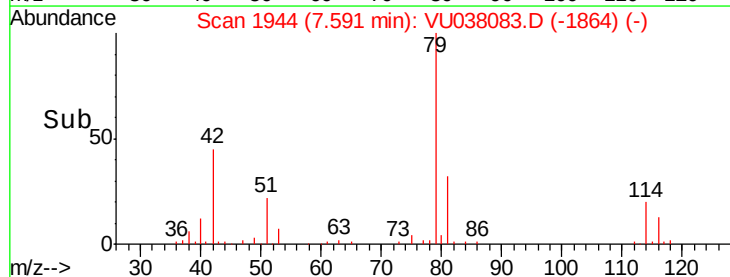
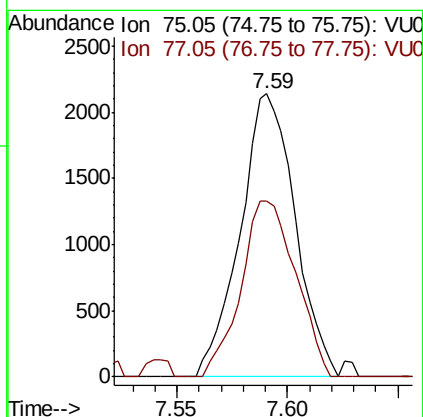
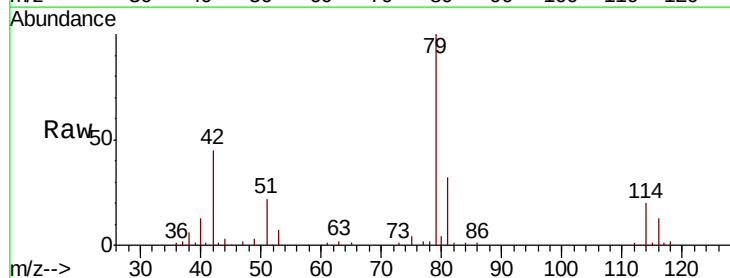
Instrument :
 MSVOA_U
 ClientSampleID :

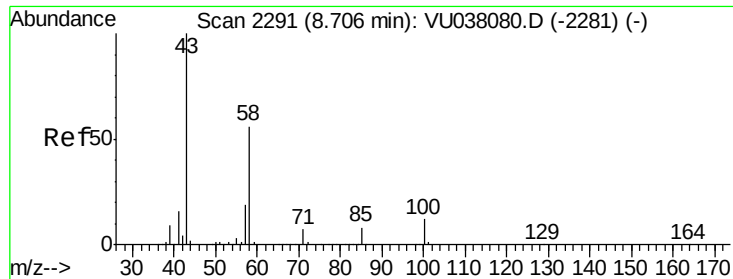
Tot Ion: 63 Resp: 16603
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038083.D
 Acq: 08 May 2020 15:06

Tgt Ion: 75 Resp: 3698
 Ion Ratio Lower Upper
 75 100
 77 62.3 22.4 41.6#

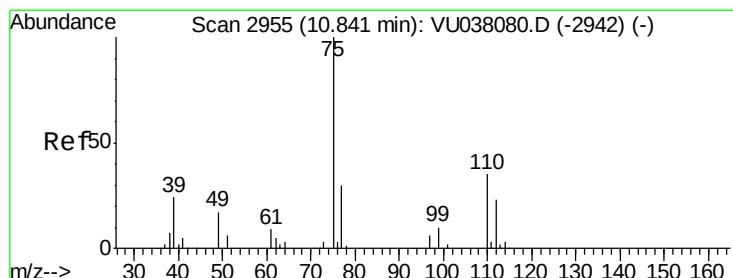
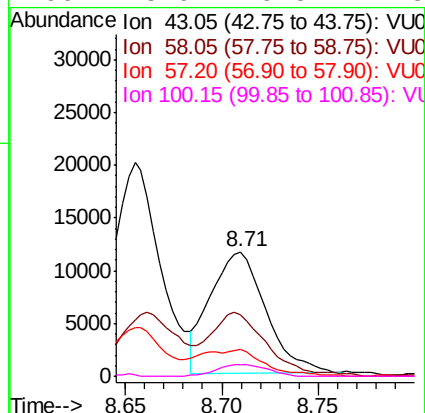
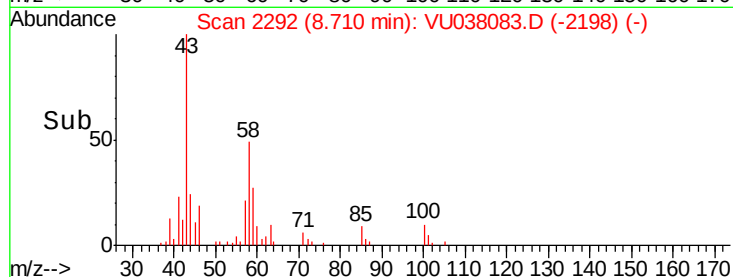
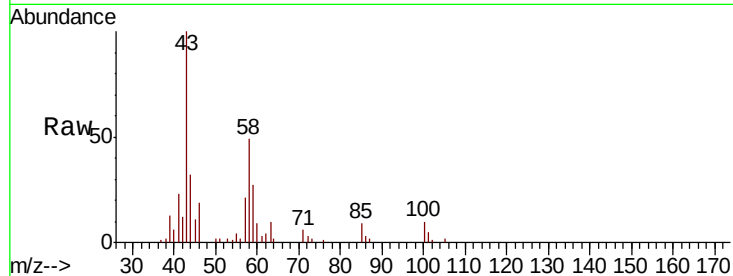




#48
 2-Hexanone
 Concen: 1.505 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038083.D
 Acq: 08 May 2020 15:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 22972
 Ion Ratio Lower Upper
 43 100
 58 55.3 45.2 67.8
 57 25.9 15.5 23.3#
 100 8.9 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.056 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038083.D
 Acq: 08 May 2020 15:06

Tgt Ion: 75 Resp: 21318
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.0

