

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039517.D
 Acq On : 16 Jul 2020 12:37
 Operator : SY/MD
 Sample : L3313-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:08:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	88176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20243	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.92	69	20957	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.58	63	33763	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.64	46	98523	42.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.26%
24) Chloroform-d	5.09	84	47960	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.72	65	30561	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.75	84	95348	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.71	67	32296	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	83159	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.19	79	12152	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	68807	37.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28527	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31957	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

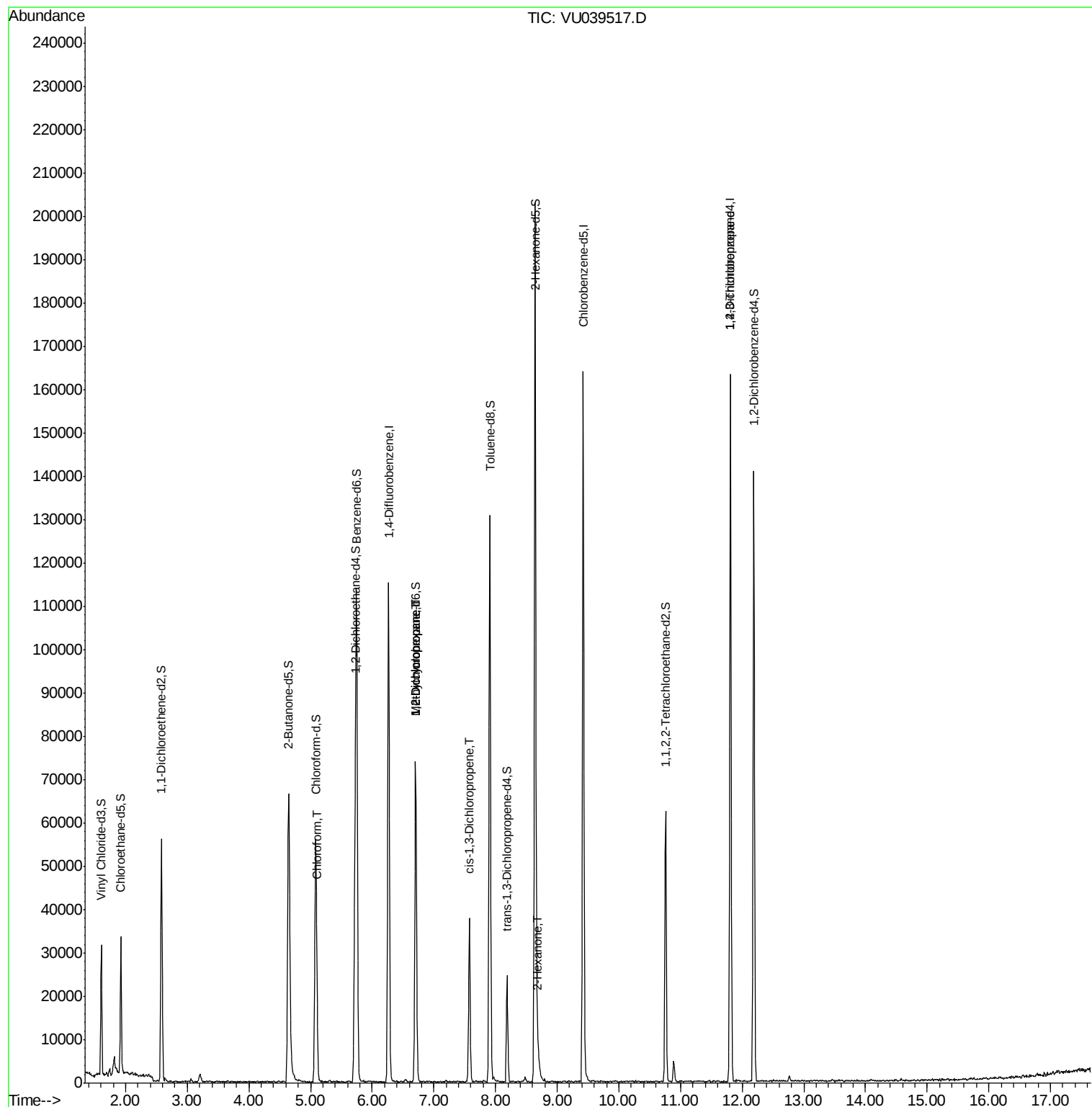
					Ovalue
25) Chloroform	5.11	83	2662	0.232 ug/L	83
35) Methylcyclohexane	6.71	83	7004	0.679 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4209	0.620 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1167	0.114 ug/L	86
48) 2-Hexanone	8.69	43	3999	0.957 ug/L #	93
59) 1,2,3-Trichloropropane	11.81	75	6265	1.252 ug/L	89

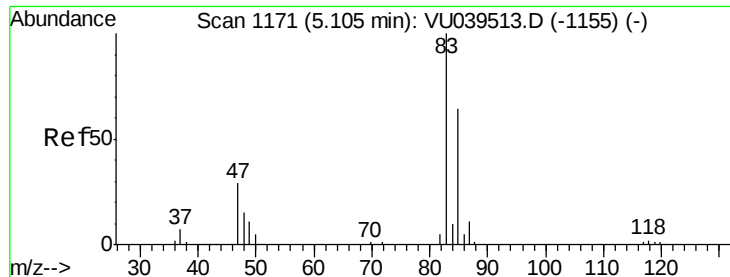
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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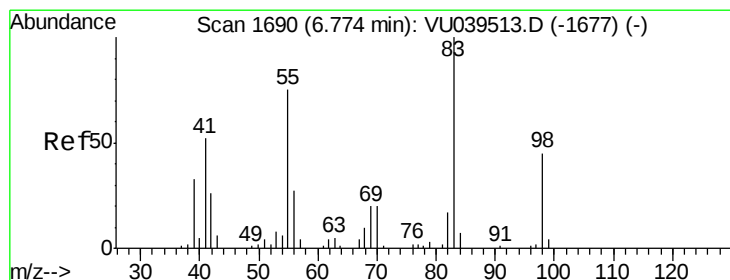
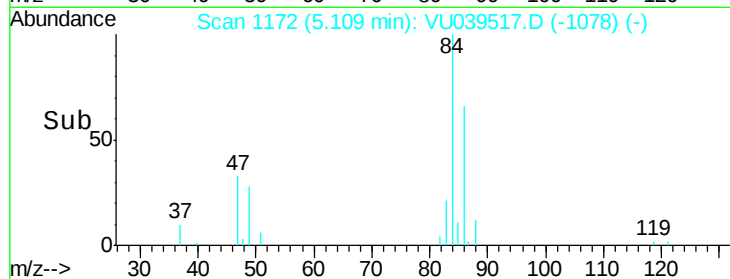
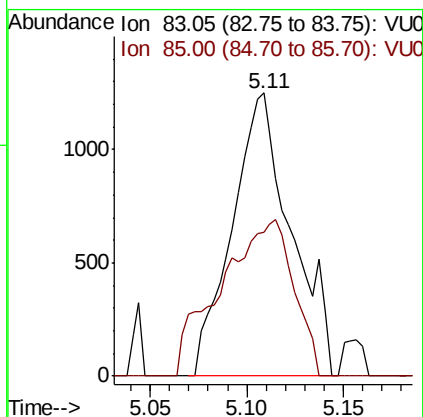
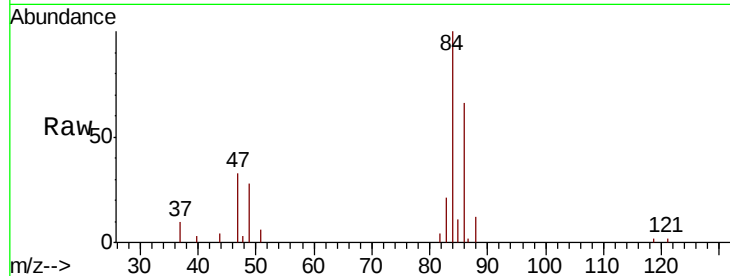




#25
Chloroform
Concen: 0.232 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039517.D
Acq: 16 Jul 2020 12:37

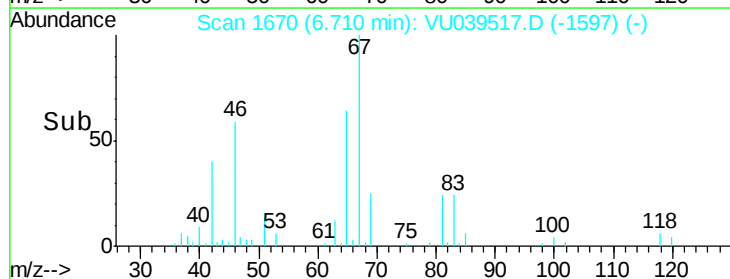
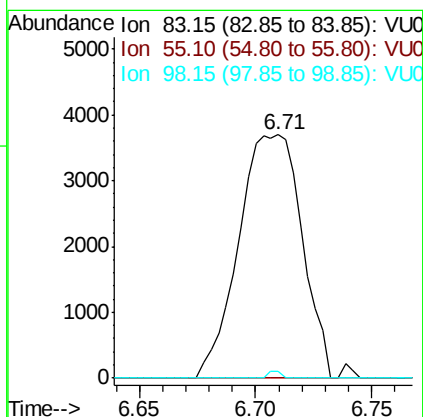
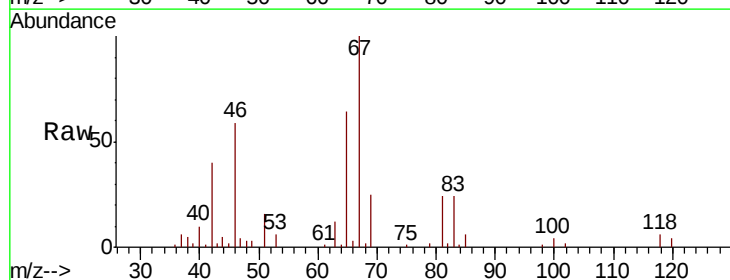
Instrument :
MSVOA_U
ClientSampled :

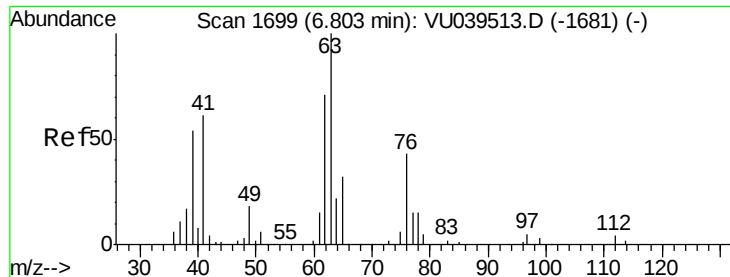
Tot Ion: 83 Resp: 2662
Ion Ratio Lower Upper
83 100
85 50.8 44.9 83.5



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039517.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 83 Resp: 7004
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.6 35.9 53.9#

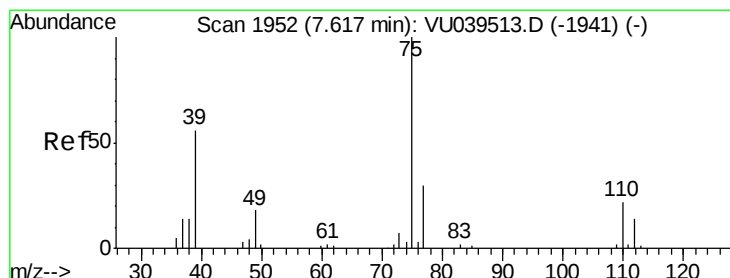
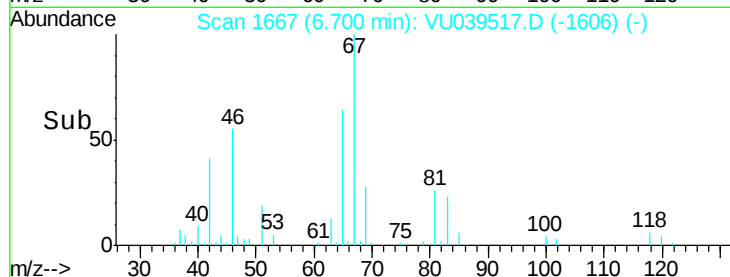
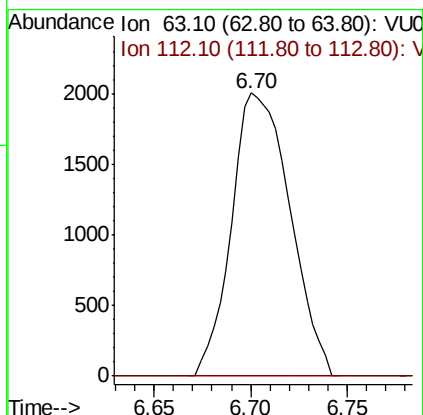
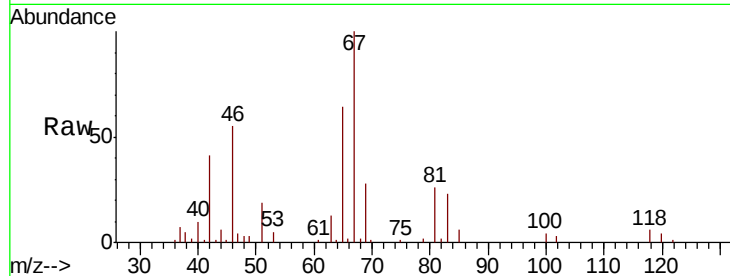




#37
 1,2-Dichloropropane
 Concen: 0.620 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039517.D
 Acq: 16 Jul 2020 12:37

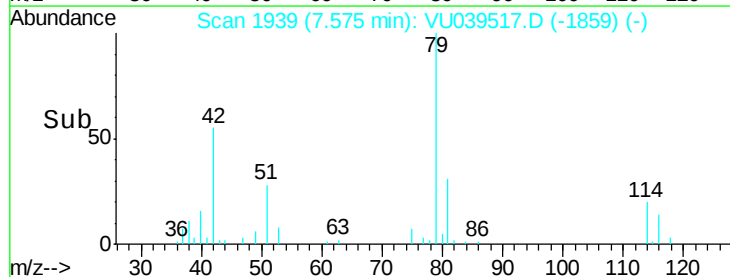
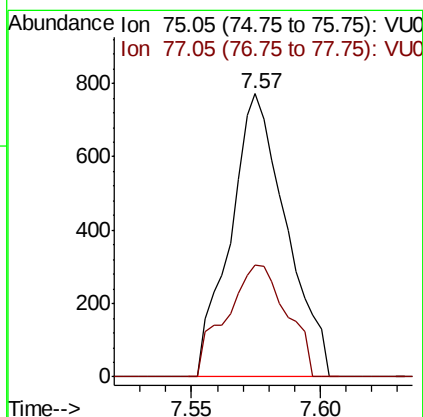
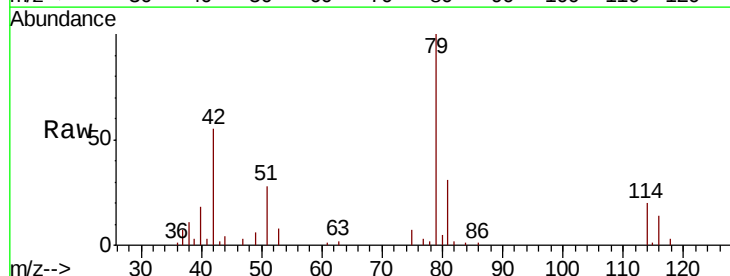
Instrument :
 MSVOA_U
 ClientSampleId :

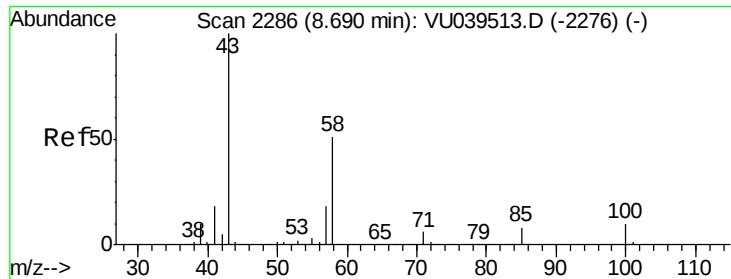
Tot Ion: 63 Resp: 4209
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039517.D
 Acq: 16 Jul 2020 12:37

Tgt Ion: 75 Resp: 1167
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.3 41.3

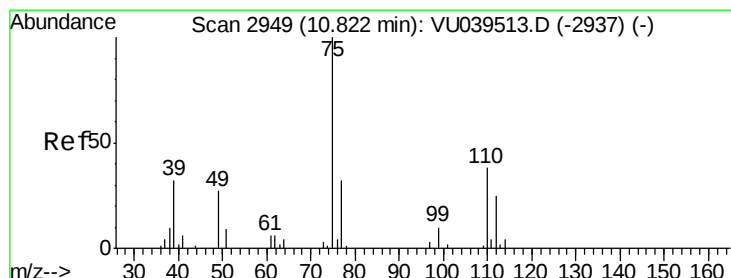
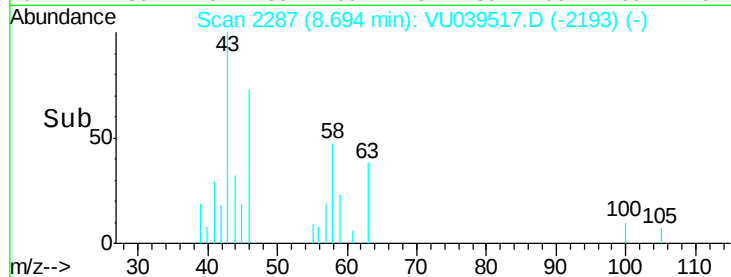
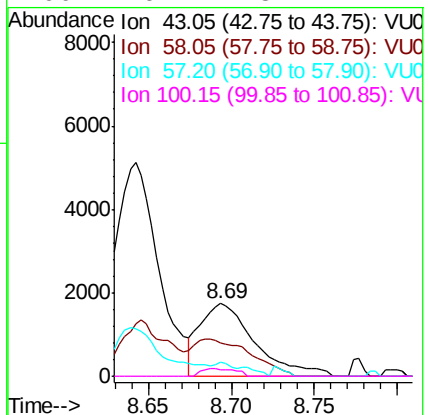
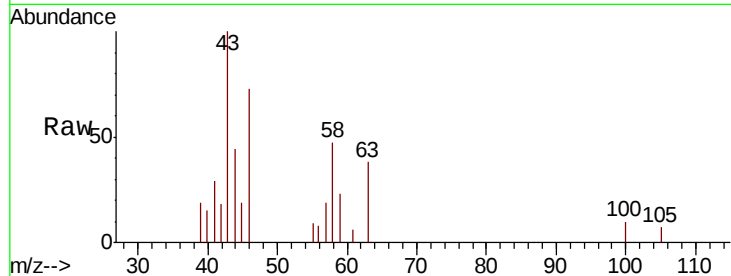




#48
2-Hexanone
Concen: 0.957 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039517.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
58 55.3 42.0 63.0
57 10.4 14.0 21.0#
100 6.4 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 1.252 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039517.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 75 Resp: 6265
Ion Ratio Lower Upper
75 100
77 39.8 26.8 40.2

