

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072020\
 Data File : VU039577.D
 Acq On : 20 Jul 2020 17:57
 Operator : SY/MD
 Sample : L3346-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C38

Quant Time: Jul 21 06:06:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	98949	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20279	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.92	69	25722	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	32960	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.65	46	121342	46.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	5.09	84	57774	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	38901	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.75	84	108646	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.71	67	37778	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	95197	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	14948	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	84533	39.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.48%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35331	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	39515	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

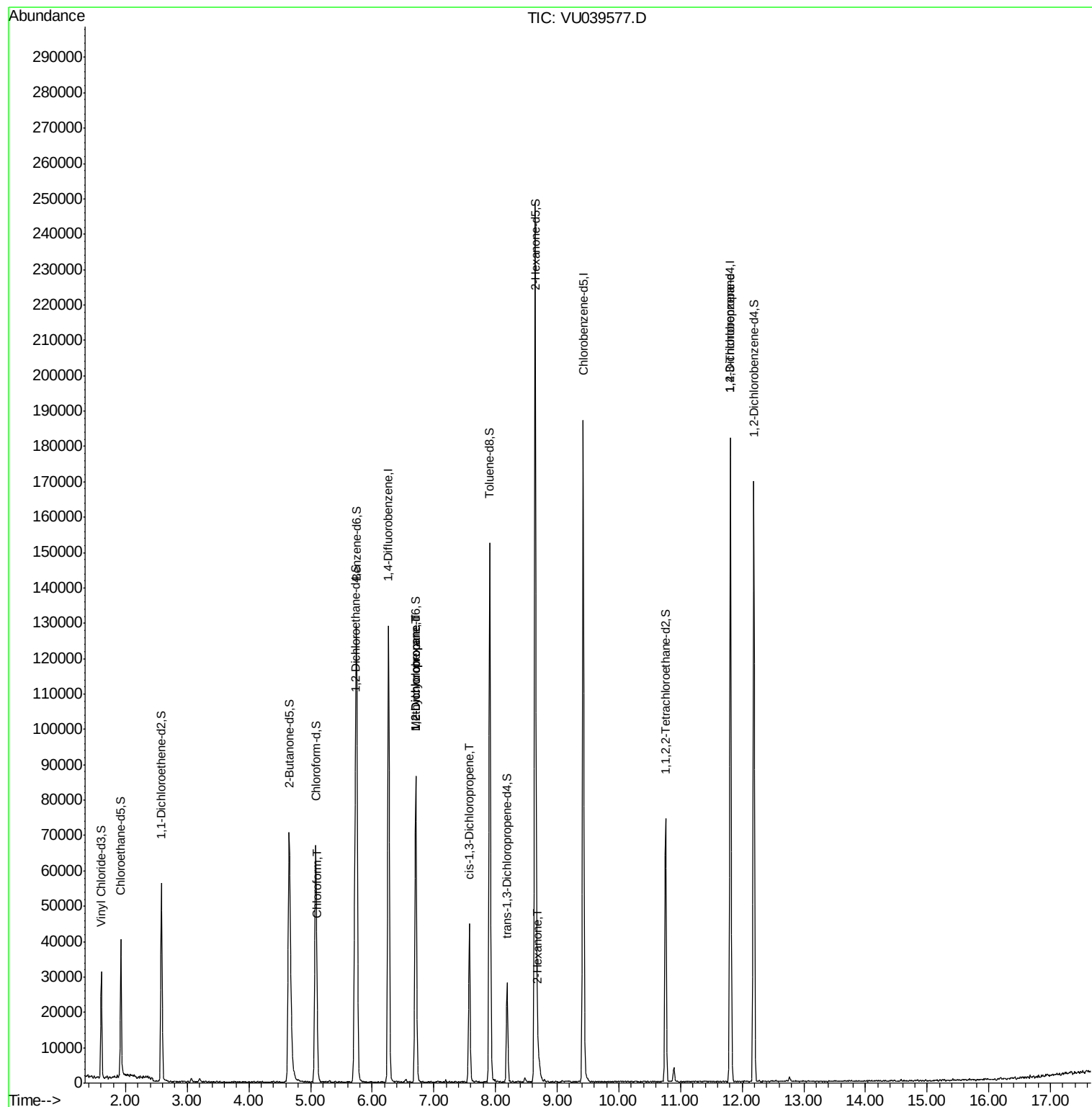
					Ovalue
25) Chloroform	5.11	83	3147	0.244 ug/L	88
35) Methylcyclohexane	6.70	83	9280	0.781 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4769	0.609 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1256	0.106 ug/L #	79
48) 2-Hexanone	8.69	43	5245	1.090 ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	6790	1.177 ug/L #	84

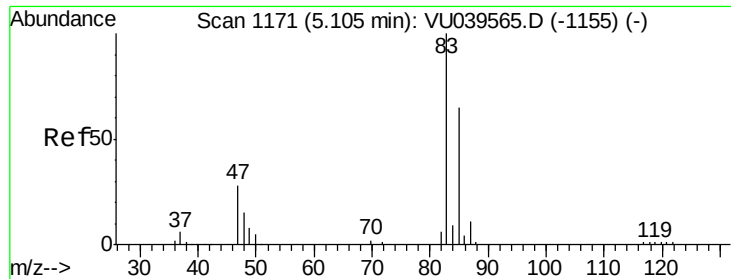
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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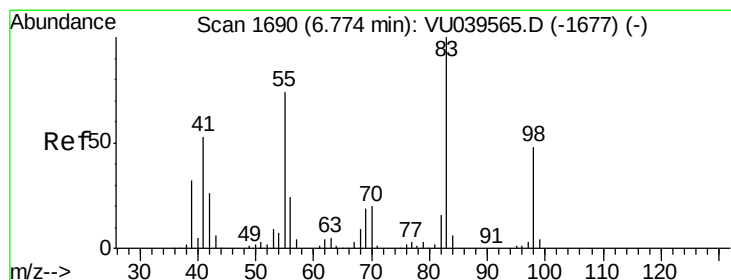
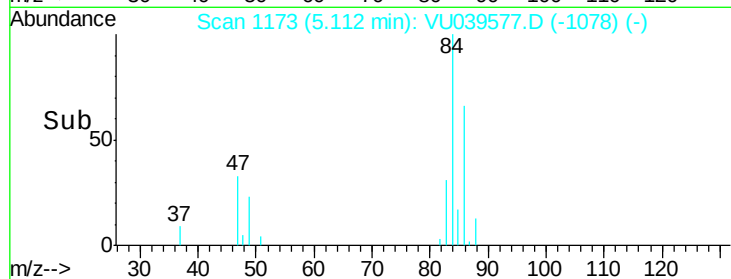
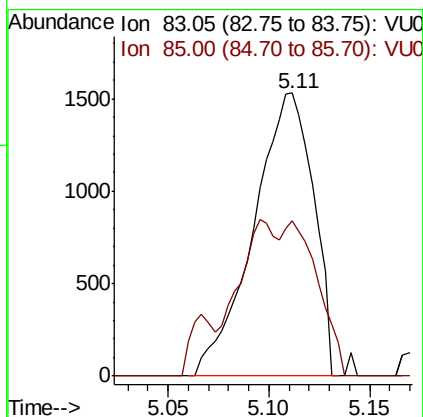
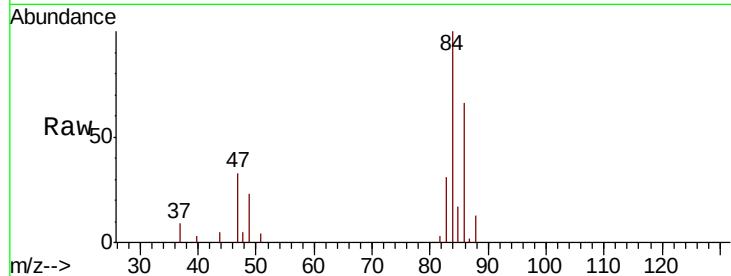




#25
Chloroform
Concen: 0.244 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039577.D
Acq: 20 Jul 2020 17:57

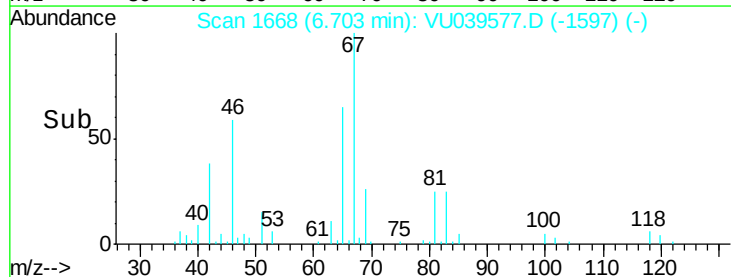
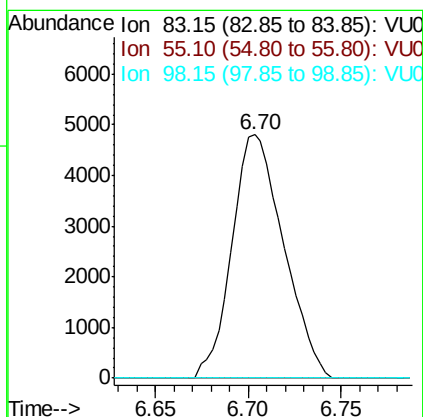
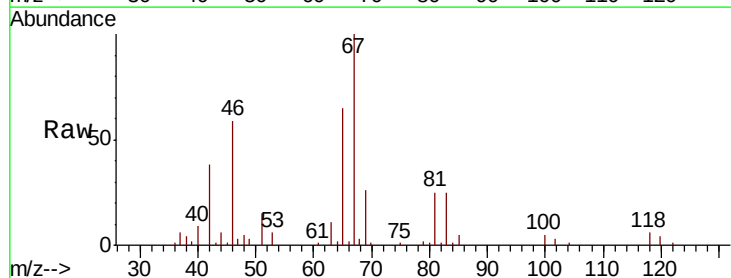
Instrument :
MSVOA_U
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F4C38

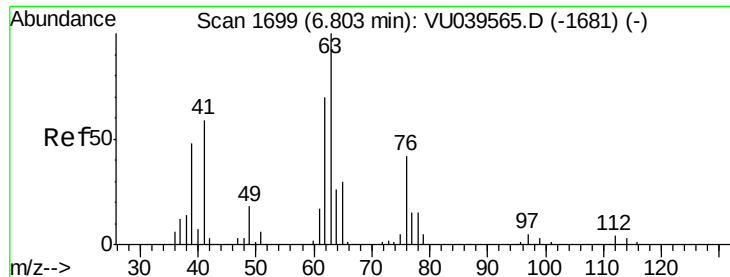
Tot Ion: 83 Resp: 3147
Ion Ratio Lower Upper
83 100
85 54.7 44.9 83.5



#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039577.D
Acq: 20 Jul 2020 17:57

Tgt Ion: 83 Resp: 9280
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.6 35.9 53.9#

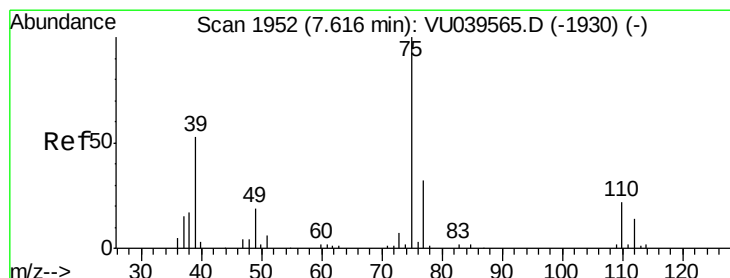
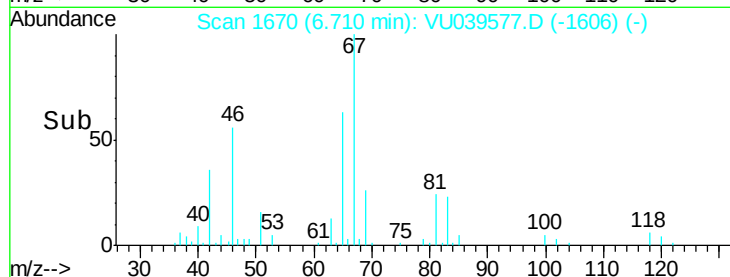
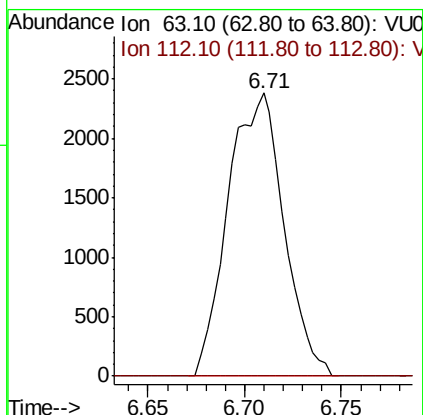
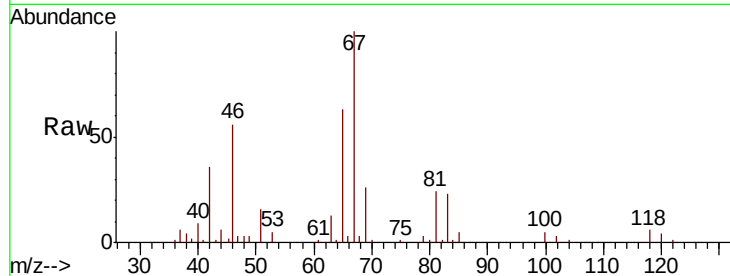




#37
 1,2-Dichloropropane
 Concen: 0.609 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.09 min
 Lab File: VU039577.D
 Acq: 20 Jul 2020 17:57

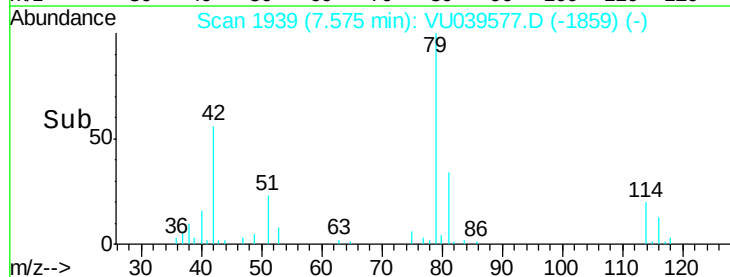
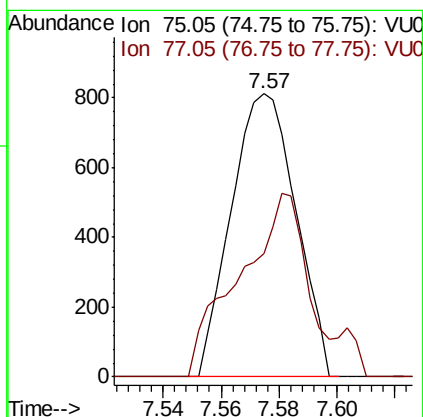
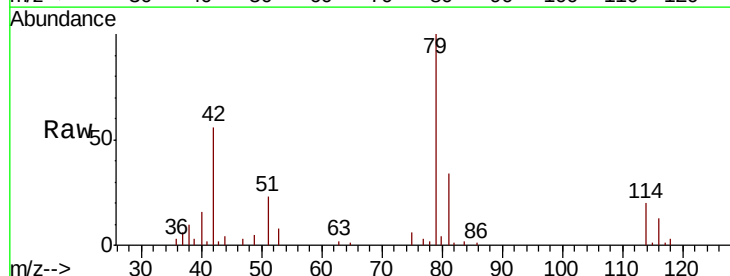
Instrument :
 MSVOA_U
 ClientSampled :
 F4C38

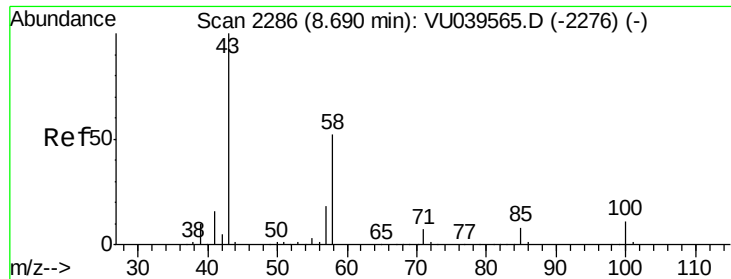
Tot Ion: 63 Resp: 4769
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039577.D
 Acq: 20 Jul 2020 17:57

Tgt Ion: 75 Resp: 1256
 Ion Ratio Lower Upper
 75 100
 77 43.6 22.3 41.3#

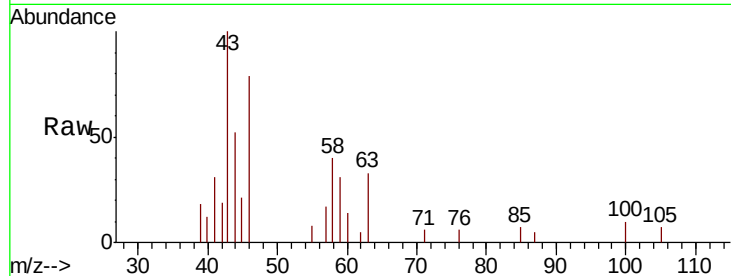




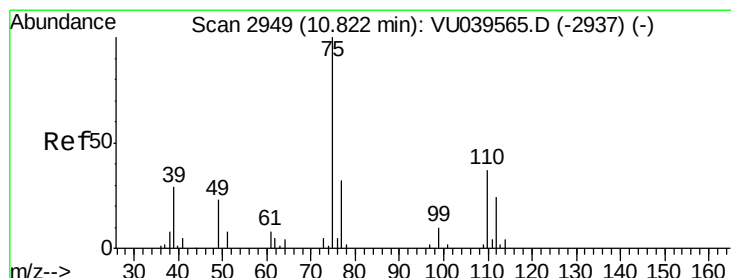
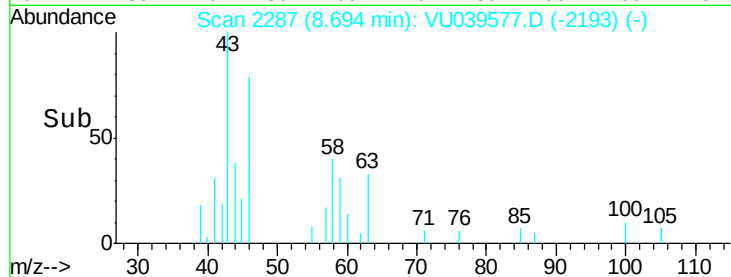
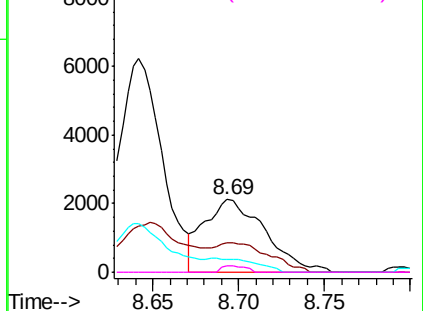
#48
 2-Hexanone
 Concen: 1.090 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: VU039577.D
 Acq: 20 Jul 2020 17:57

Instrument :
 MSVOA_U
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 F4C38

Tot Ion: 43 Resp: 5245
 Ion Ratio Lower Upper
 43 100
 58 34.7 42.0 63.0#
 57 0.0 14.0 21.0#
 100 3.6 8.2 12.2#

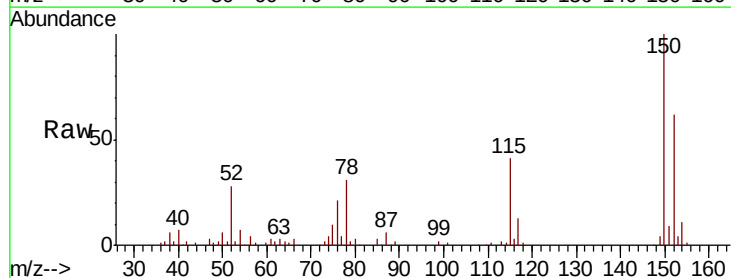


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.177 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039577.D
 Acq: 20 Jul 2020 17:57

Tgt Ion: 75 Resp: 6790
 Ion Ratio Lower Upper
 75 100
 77 42.6 26.8 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

