

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039454.D
 Acq On : 11 Jul 2020 01:37
 Operator : SY/MD
 Sample : L3268-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	91439	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19537	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.92	69	24629	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	31743	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	133087	54.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.76%
24) Chloroform-d	5.08	84	55022	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	36879	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.75	84	100434	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.71	67	36940	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.91	98	87042	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.19	79	13756	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	96535	51.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35474	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35562	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

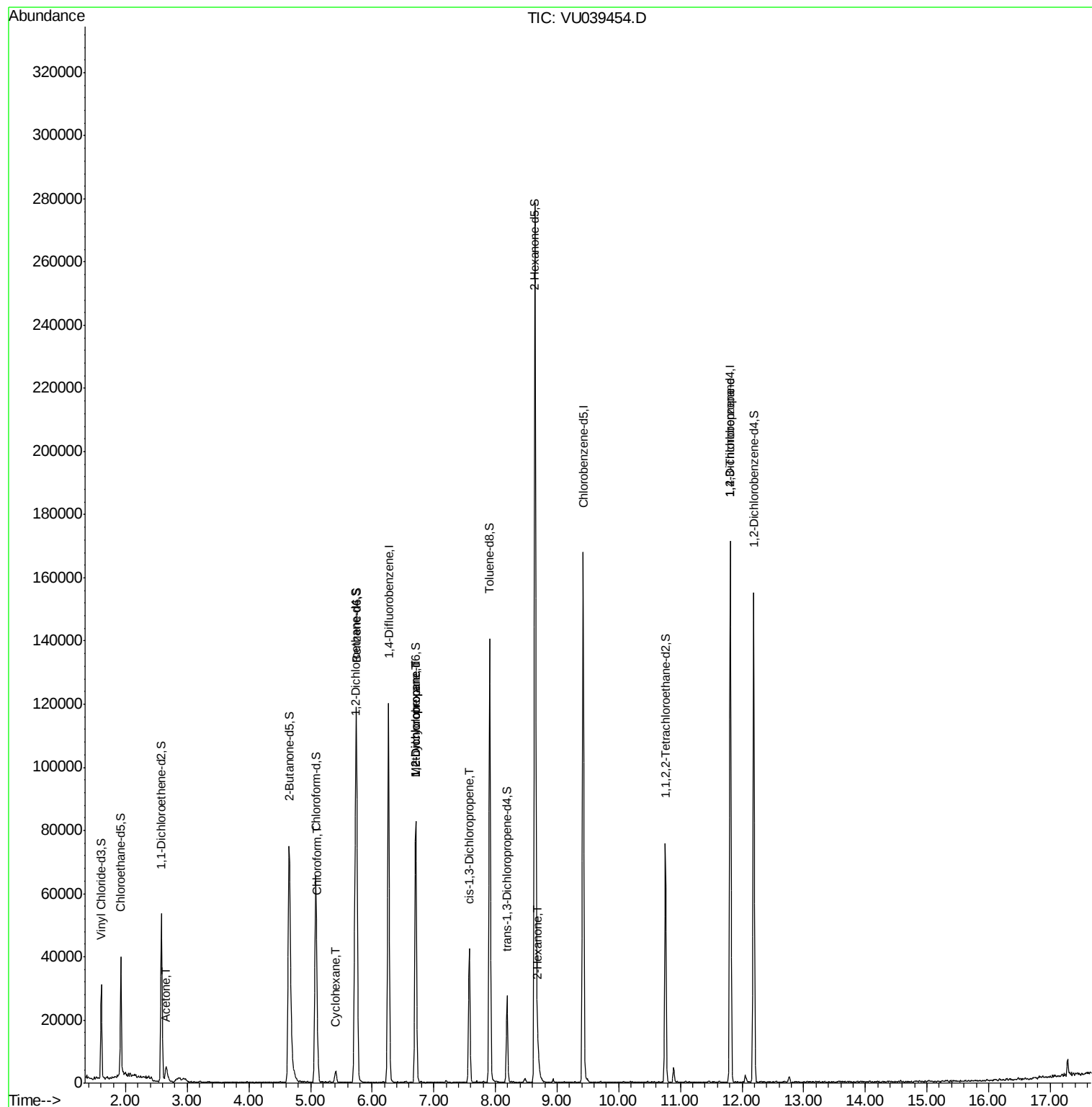
					Ovalue
13) Acetone	2.66	43	8971	6.854	ug/L 68
25) Chloroform	5.11	83	7901	0.664	ug/L 89
30) Cyclohexane	5.41	56	1853	0.177	ug/L 98
35) Methylcyclohexane	6.71	83	8220	0.785	ug/L # 18
37) 1,2-Dichloropropane	6.71	63	4169	0.605	ug/L # 91
39) cis-1,3-Dichloropropene	7.57	75	1104	0.106	ug/L # 54
48) 2-Hexanone	8.69	43	5076	1.197	ug/L # 81
59) 1,2,3-Trichloropropane	11.81	75	6624	1.303	ug/L 90

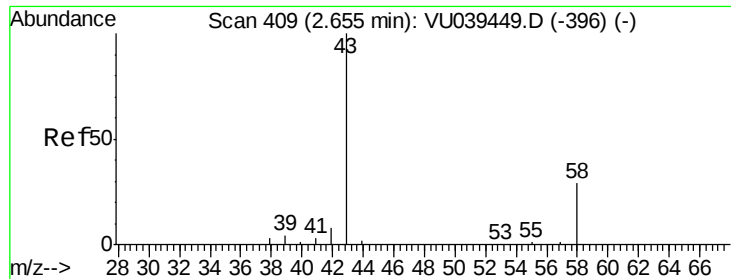
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.854 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU039454.D

Acq: 11 Jul 2020 01:37

Instrument :

MSVOA_U

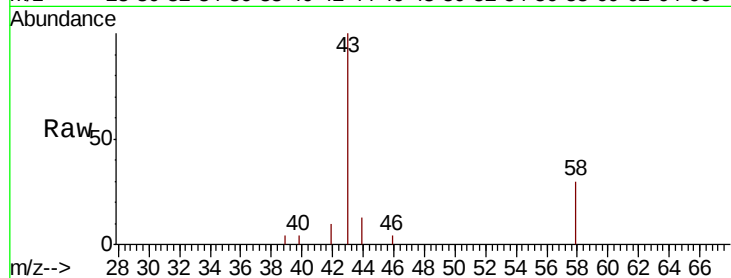
ClientSampleId :

Tot Ion: 43 Resp: 8971

Ion Ratio Lower Upper

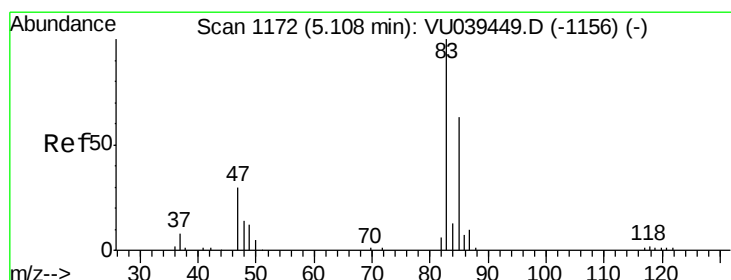
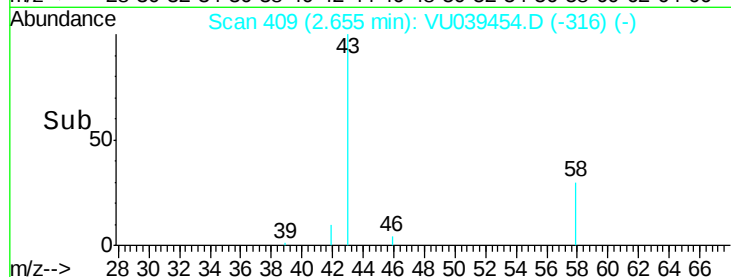
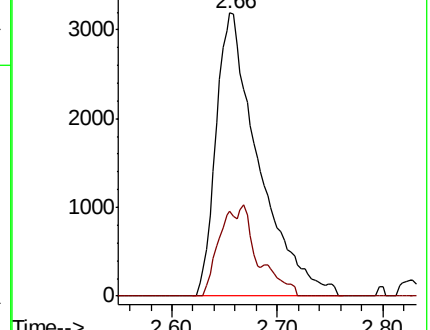
43 100

58 13.9 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039449.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039449.D (-396) (-)



#25

Chloroform

Concen: 0.664 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039454.D

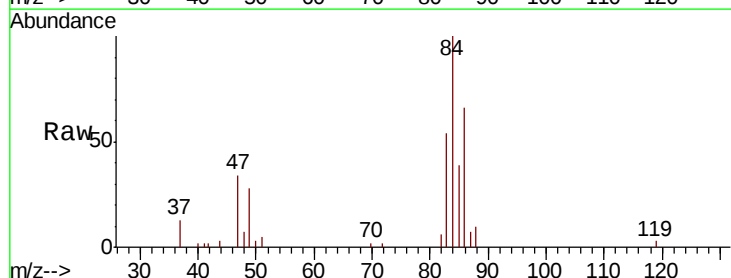
Acq: 11 Jul 2020 01:37

Tgt Ion: 83 Resp: 7901

Ion Ratio Lower Upper

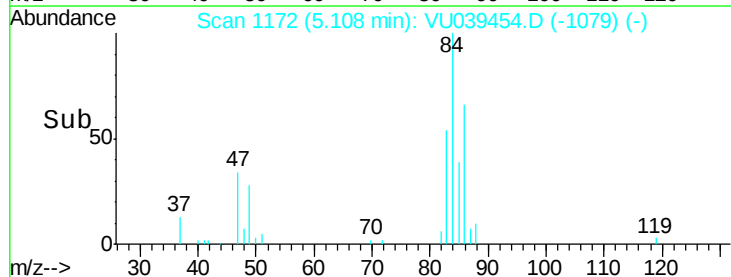
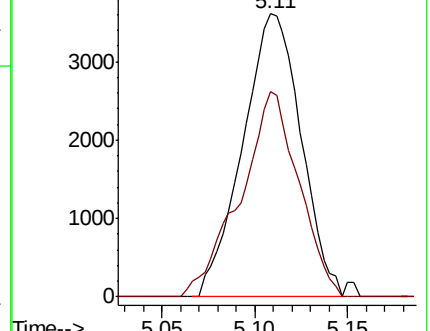
83 100

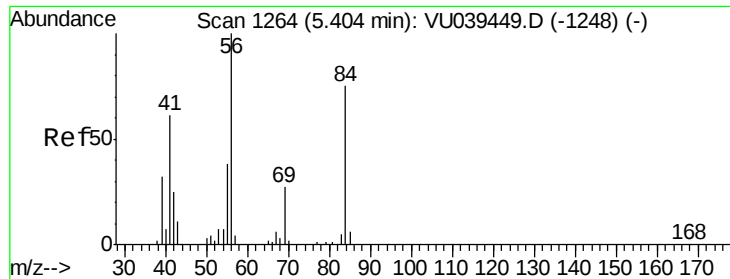
85 72.5 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039449.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU039449.D (-1156) (-)

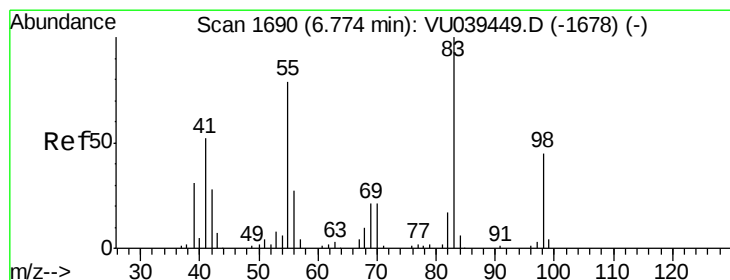
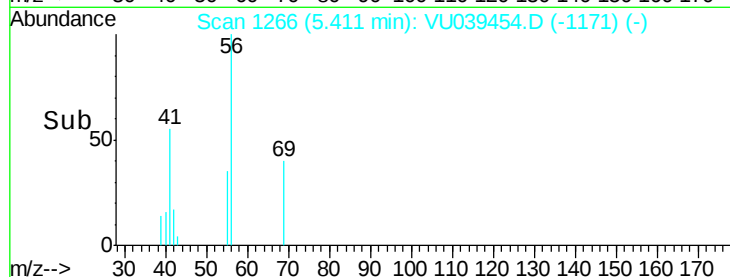
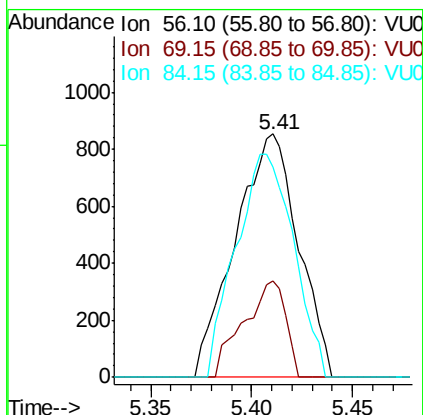
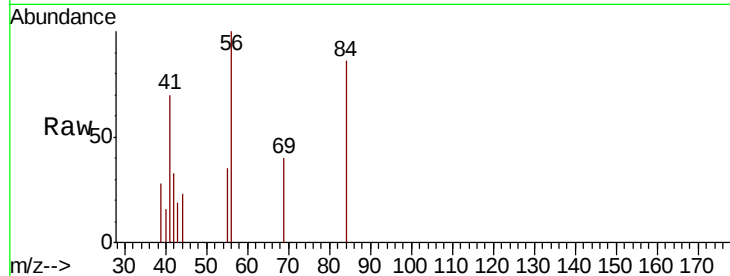




#30
Cyclohexane
Concen: 0.177 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VU039454.D
Acq: 11 Jul 2020 01:37

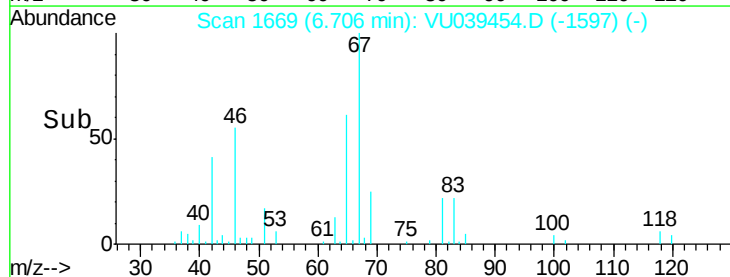
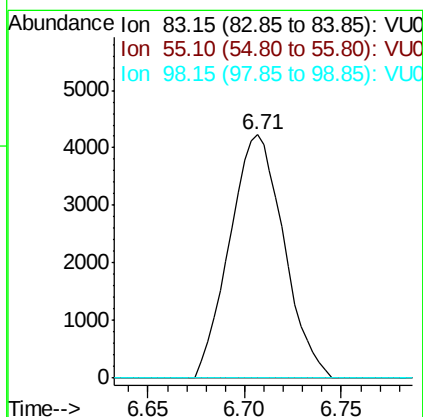
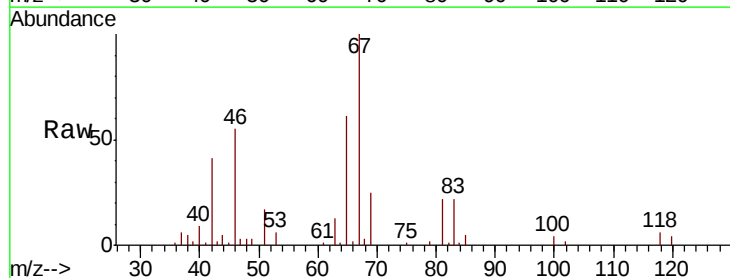
Instrument :
MSVOA_U
ClientSampleId :

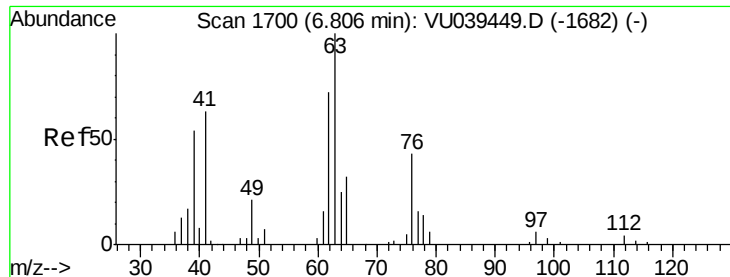
Tot Ion: 56 Resp: 1853
Ion Ratio Lower Upper
56 100
69 26.7 24.1 36.1
84 84.2 67.0 100.6



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039454.D
Acq: 11 Jul 2020 01:37

Tgt Ion: 83 Resp: 8220
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

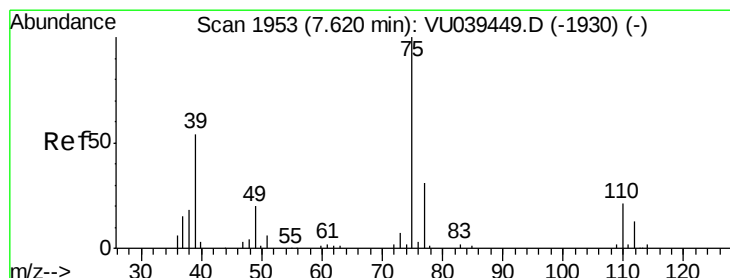
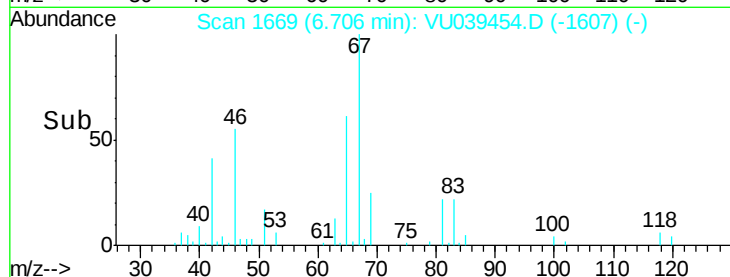
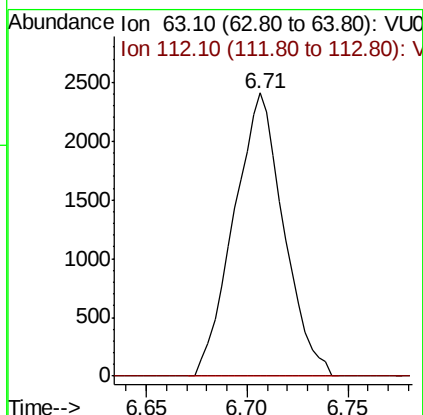
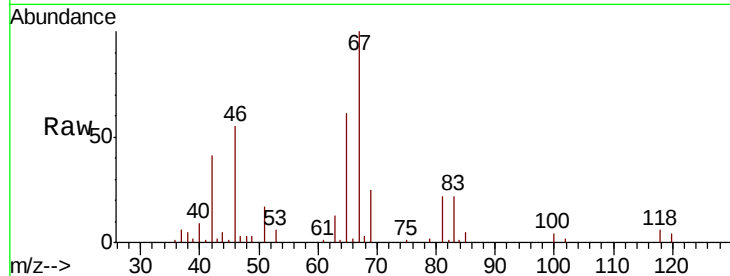




#37
 1,2-Dichloropropane
 Concen: 0.605 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039454.D
 Acq: 11 Jul 2020 01:37

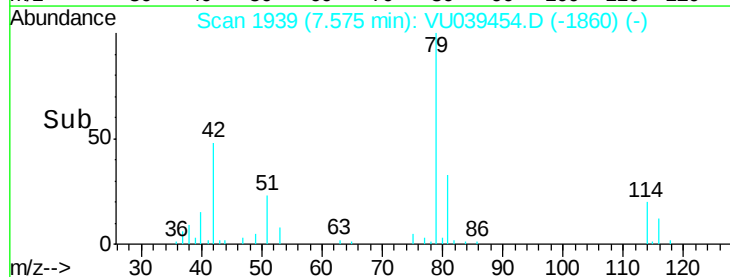
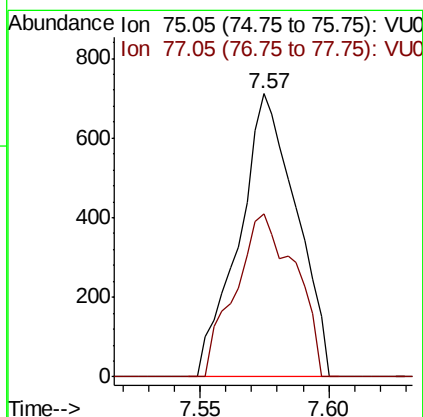
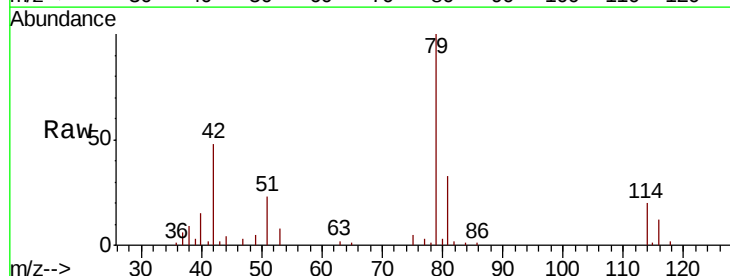
Instrument :
 MSVOA_U
 ClientSampled :

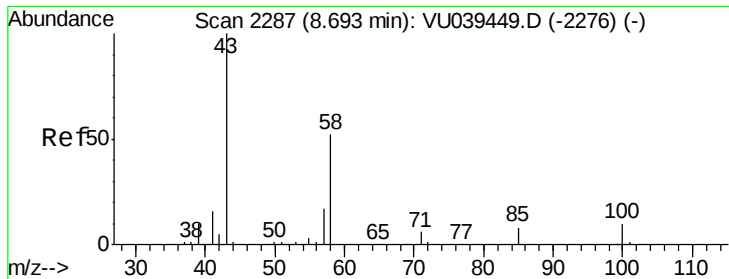
Tot Ion: 63 Resp: 4169
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039454.D
 Acq: 11 Jul 2020 01:37

Tgt Ion: 75 Resp: 1104
 Ion Ratio Lower Upper
 75 100
 77 57.5 22.3 41.3#





#48

2-Hexanone

Concen: 1.197 ug/L

RT: 8.69 min Scan# 2286

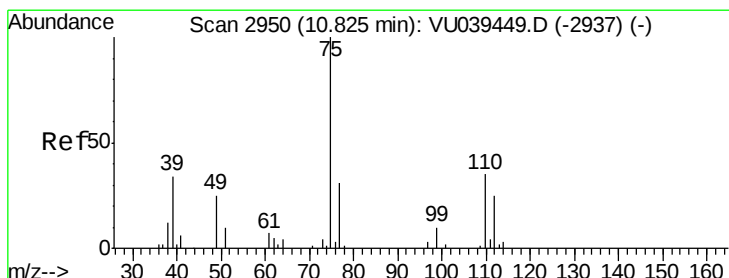
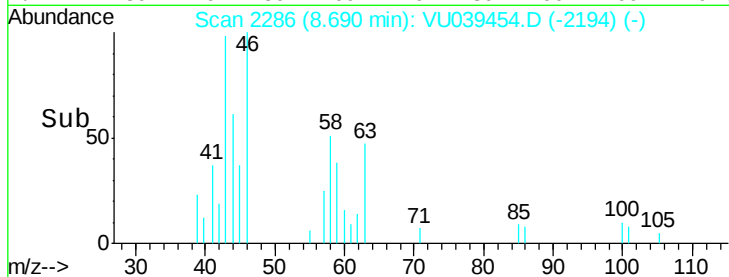
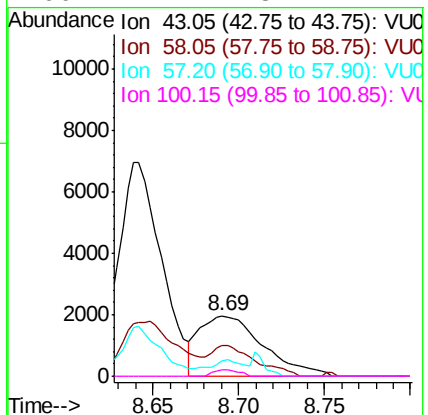
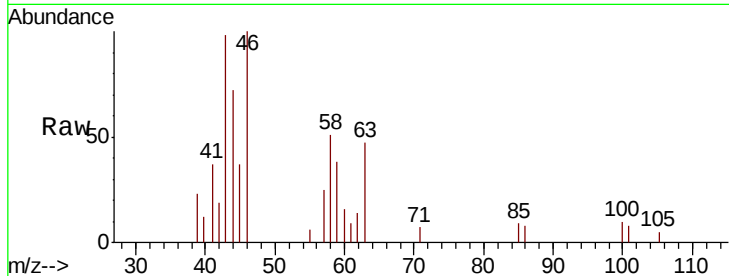
Delta R.T. -0.00 min

Lab File: VU039454.D

Acq: 11 Jul 2020 01:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	5076
Ion	Ratio	Lower	Upper
43	100		
58	37.5	42.0	63.0#
57	12.3	14.0	21.0#
100	4.2	8.2	12.2#



#59

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039454.D

Acq: 11 Jul 2020 01:37

Tgt Ion:	75	Resp:	6624
Ion	Ratio	Lower	Upper
75	100		
77	39.4	26.8	40.2

