

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071520\
 Data File : VU039506.D
 Acq On : 15 Jul 2020 17:52
 Operator : SY/MD
 Sample : L3313-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C05

Quant Time: Jul 16 04:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	88541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21467	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	26207	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	35091	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.65	46	102702	43.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.48%
24) Chloroform-d	5.08	84	49560	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.72	65	32369	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.75	84	98339	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	32301	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.91	98	82724	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	12624	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	70468	38.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.20%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29282	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	32667	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

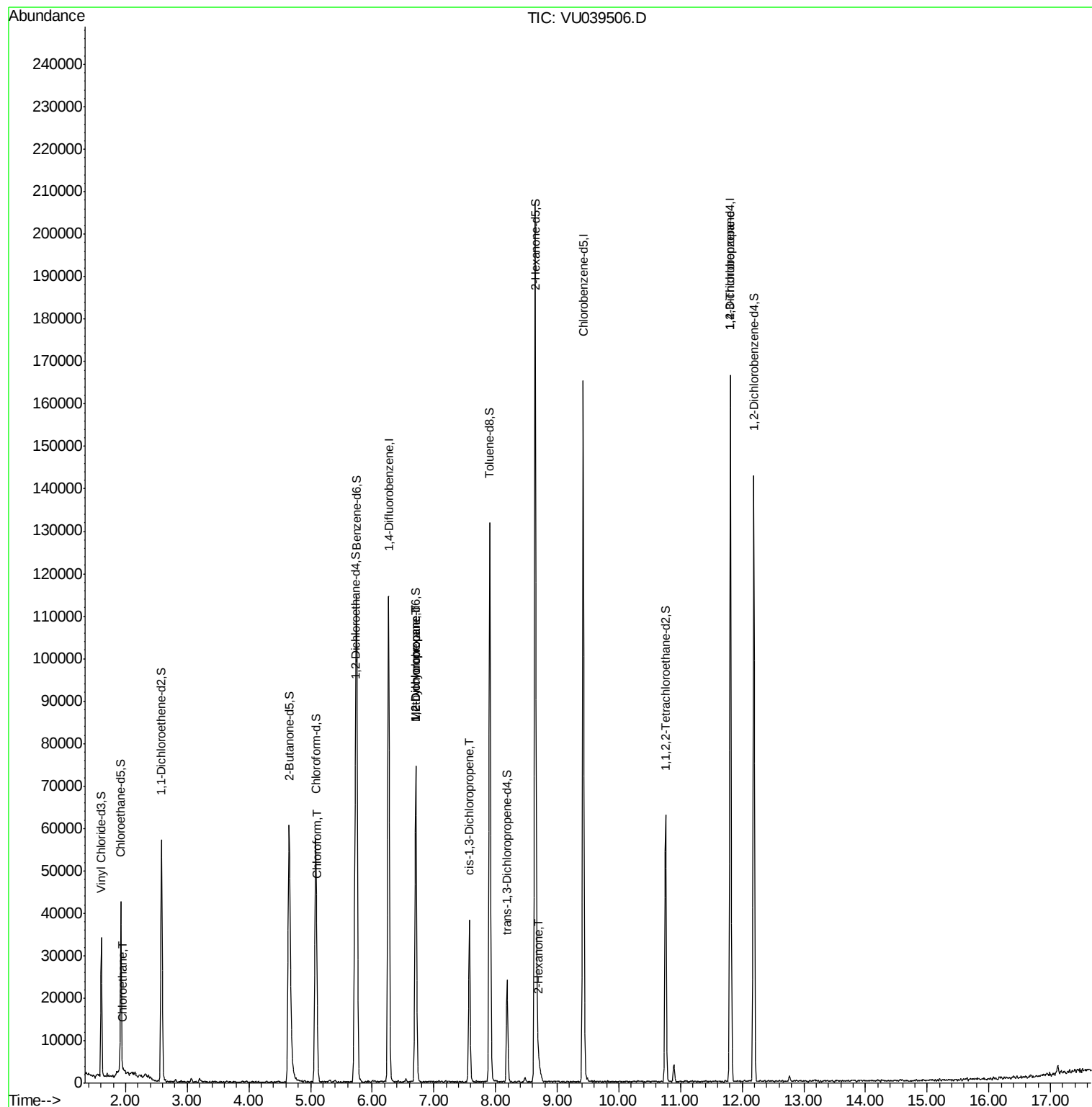
					Ovalue
8) Chloroethane	1.96	64	445	0.085 ug/L #	41
25) Chloroform	5.11	83	2618	0.227 ug/L	88
35) Methylcyclohexane	6.71	83	7443	0.720 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	3735	0.549 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1258	0.122 ug/L	96
48) 2-Hexanone	8.70	43	4169	0.996 ug/L #	83
59) 1,2,3-Trichloropropane	11.81	75	6161	1.229 ug/L #	88

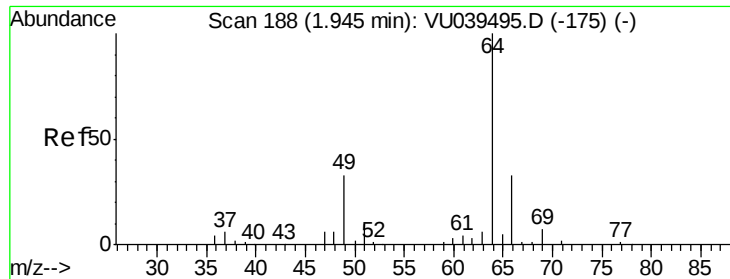
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.96 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU039506.D

Acq: 15 Jul 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

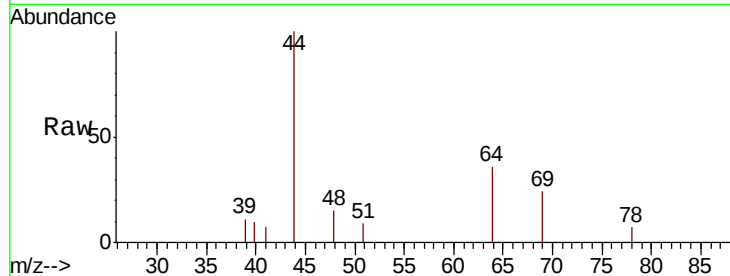
F4C05

Tot Ion: 64 Resp: 445

Ion Ratio Lower Upper

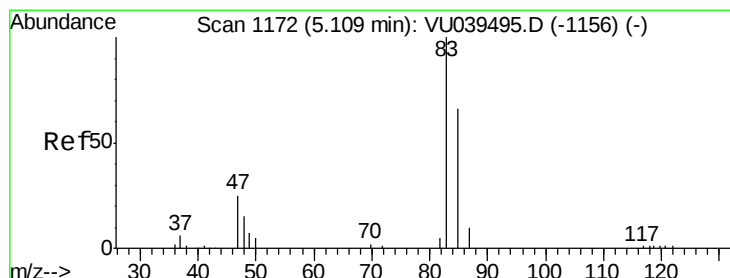
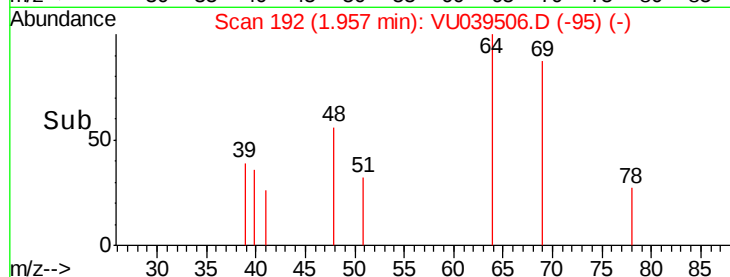
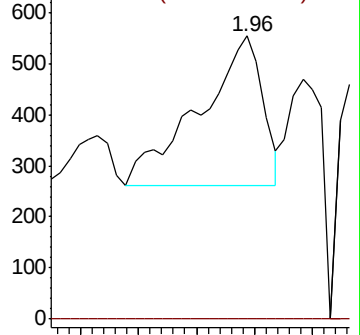
64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#25

Chloroform

Concen: 0.227 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU039506.D

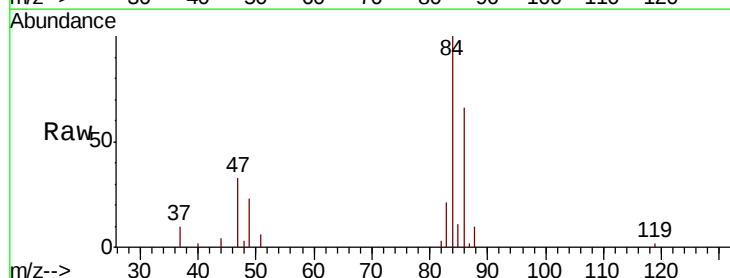
Acq: 15 Jul 2020 17:52

Tgt Ion: 83 Resp: 2618

Ion Ratio Lower Upper

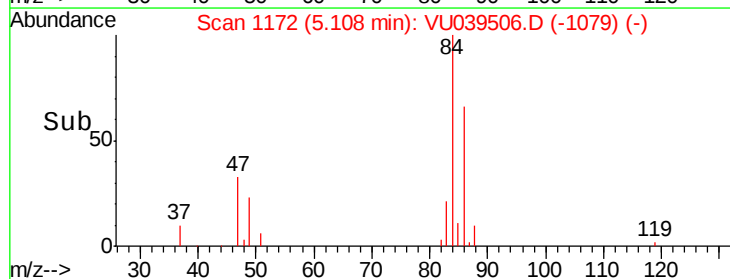
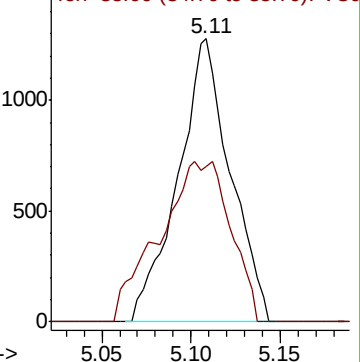
83 100

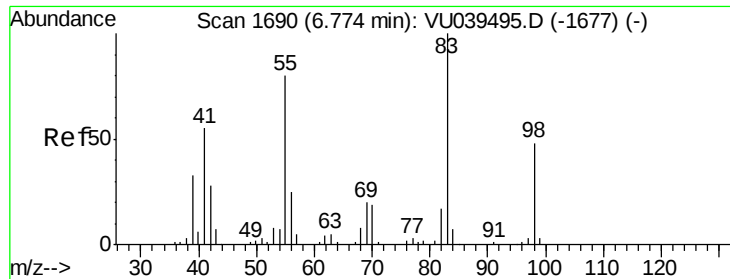
85 54.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

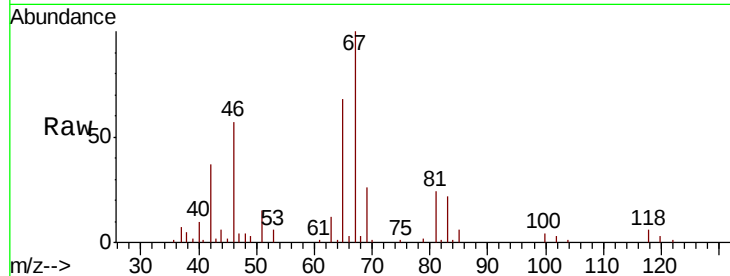




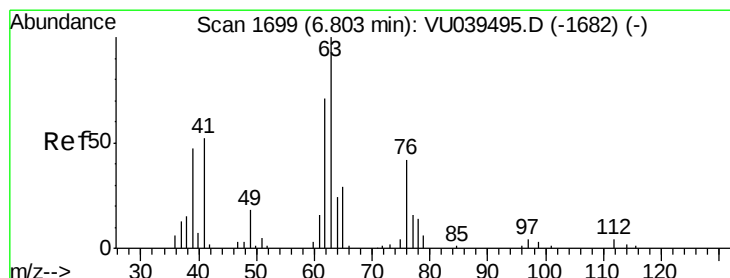
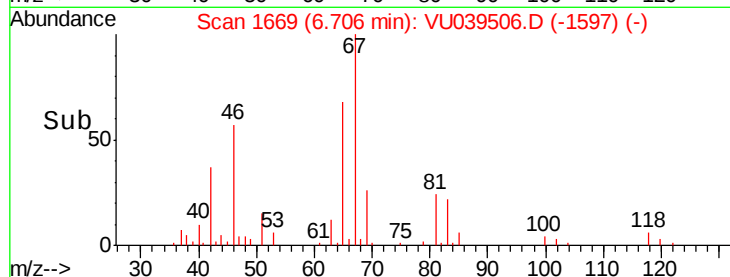
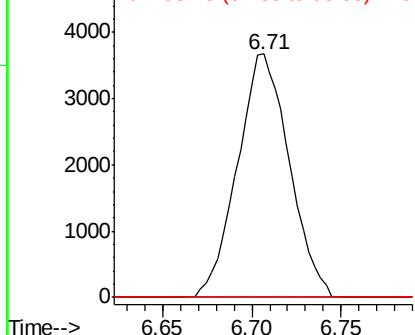
#35
Methvlcvclohexane
Concen: 0.720 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039506.D
Acq: 15 Jul 2020 17:52

Instrument :
MSVOA_U
ClientSampleId :
F4C05

Tot Ion: 83 Resp: 7443
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

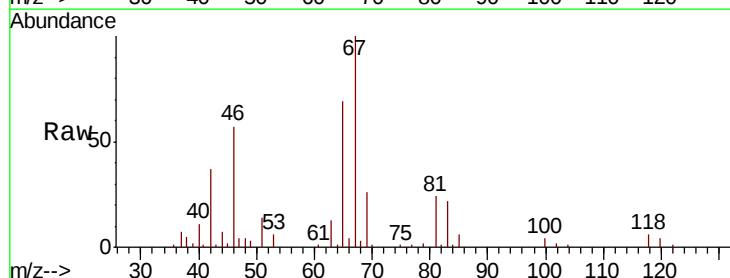


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

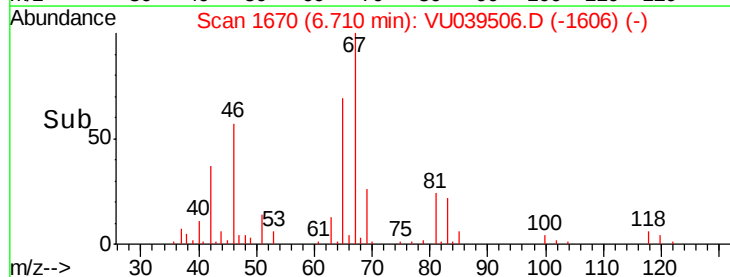
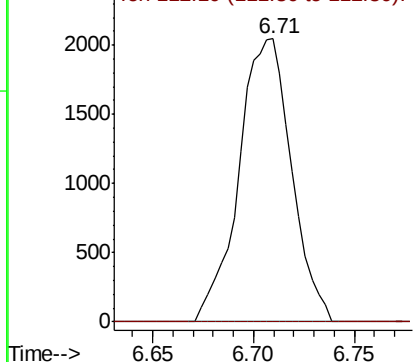


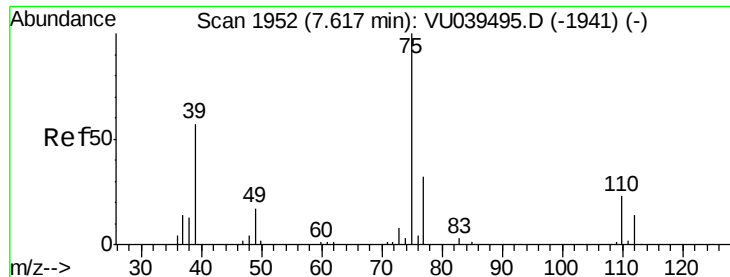
#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039506.D
Acq: 15 Jul 2020 17:52

Tgt Ion: 63 Resp: 3735
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



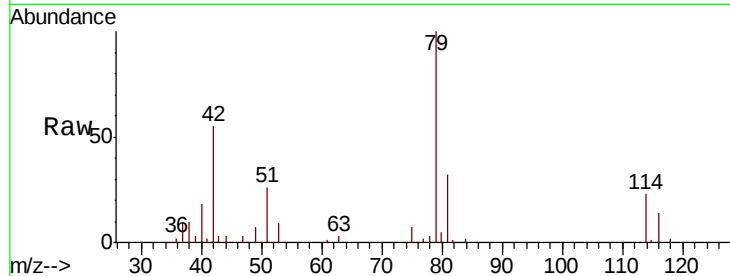


#39

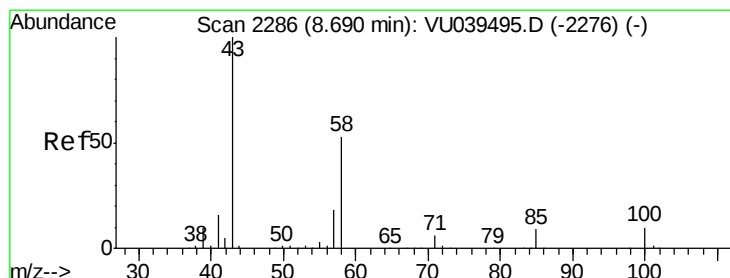
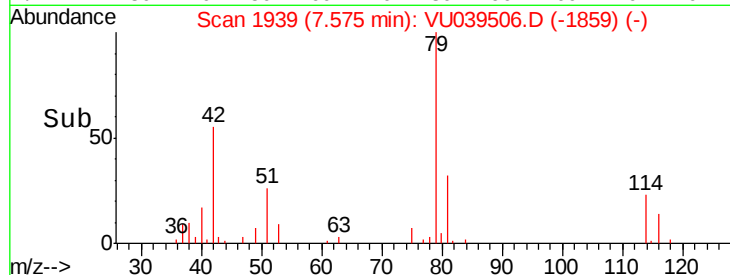
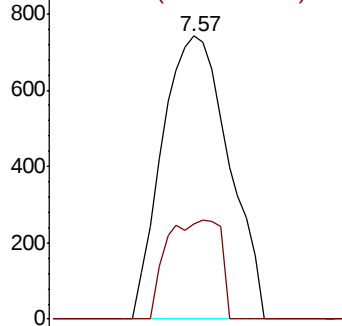
cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039506.D
 Acq: 15 Jul 2020 17:52

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C05

Tot Ion: 75 Resp: 1258
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.3 41.3



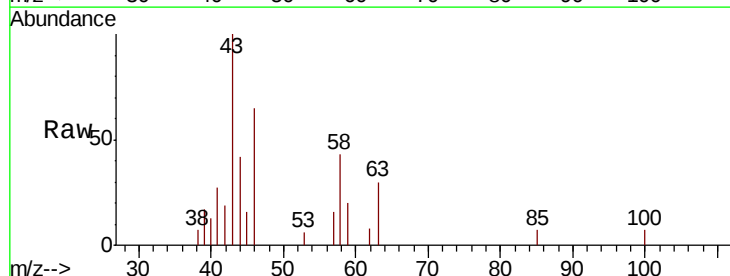
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0



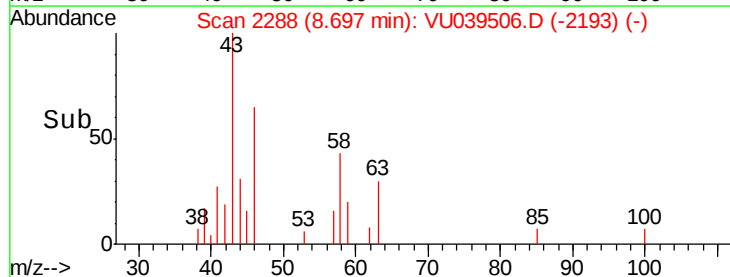
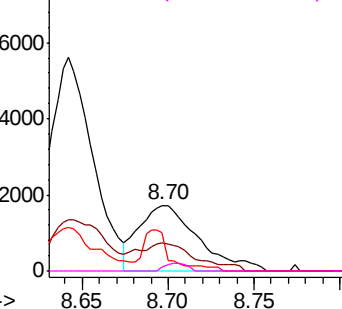
#48

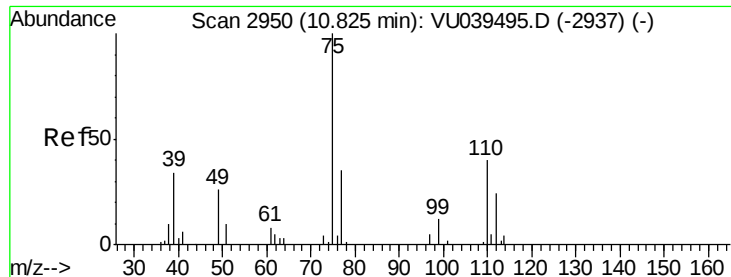
2-Hexanone
 Concen: 0.996 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: VU039506.D
 Acq: 15 Jul 2020 17:52

Tgt Ion: 43 Resp: 4169
 Ion Ratio Lower Upper
 43 100
 58 42.1 42.0 63.0
 57 29.2 14.0 21.0#
 100 4.6 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: 1.229 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039506.D

Acq: 15 Jul 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

F4C05

Tot Ion: 75 Resp: 6161

Ion Ratio Lower Upper

75 100

77 40.4 26.8 40.2#

