

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039374.D
 Acq On : 09 Jul 2020 02:44
 Operator : SY/MD
 Sample : L3243-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A85

Quant Time: Jul 09 05:53:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	102371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25901	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	30762	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	41973	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.65	46	146827	54.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.16%
24) Chloroform-d	5.08	84	62488	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	41571	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.75	84	124320	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.71	67	42767	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	107630	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.19	79	16586	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	108213	51.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39396	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44032	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

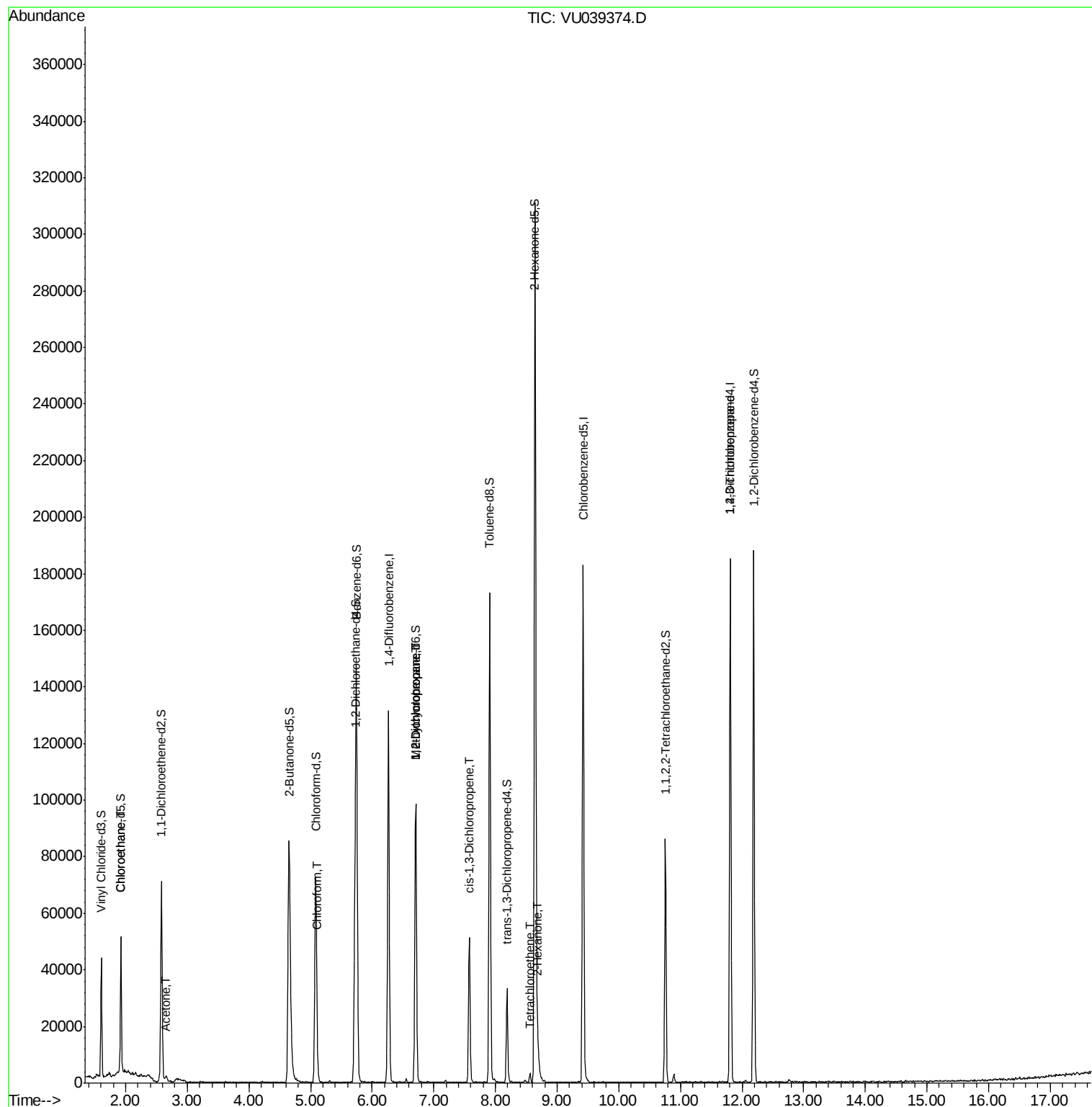
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	700	0.116	ug/L #	41
13) Acetone	2.66	43	3776	2.577	ug/L	92
25) Chloroform	5.11	83	3010	0.226	ug/L	95
35) Methylcyclohexane	6.70	83	9929	0.842	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5002	0.644	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1492	0.127	ug/L #	75
47) Tetrachloroethene	8.56	164	599	0.117	ug/L #	79
48) 2-Hexanone	8.69	43	5217	1.093	ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	7150	1.250	ug/L	96

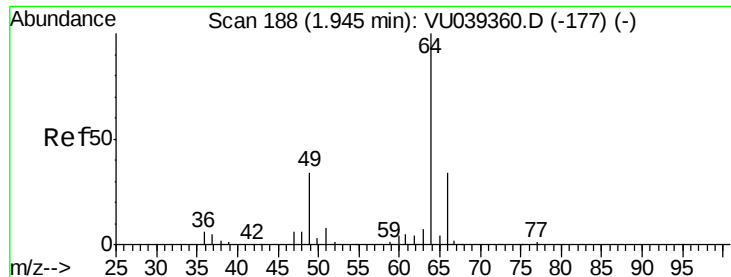
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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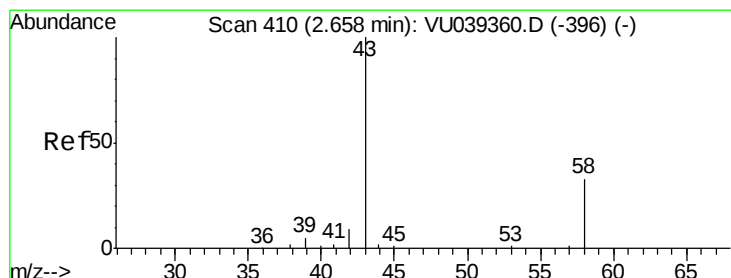
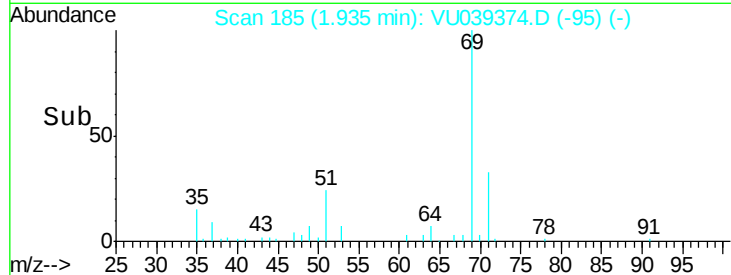
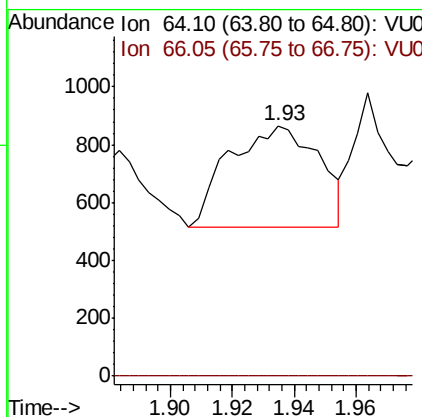
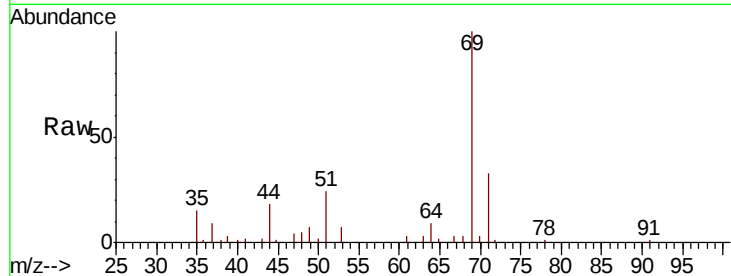




#8
 Chloroethane
 Concen: 0.116 ug/L
 RT: 1.93 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VU039374.D
 Acq: 09 Jul 2020 02:44

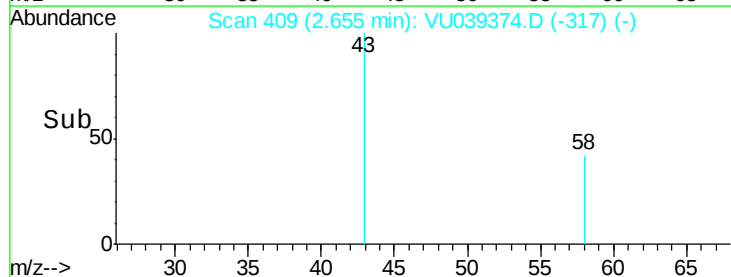
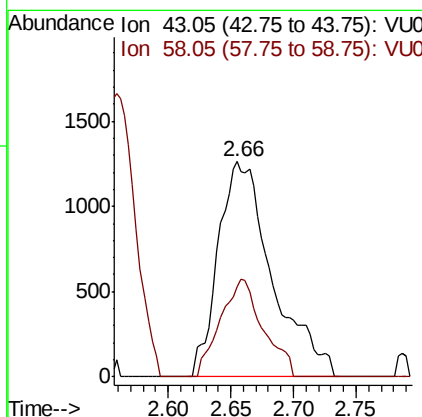
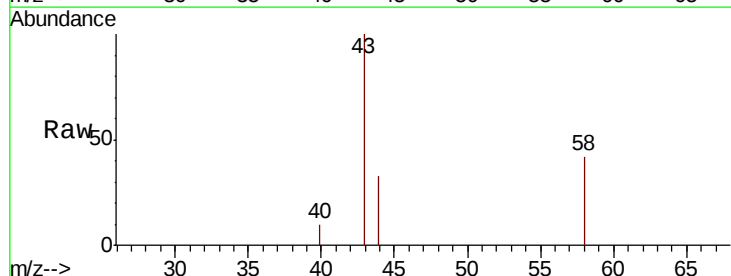
Instrument :
 MSVOA_U
 ClientSampleId :
 F4A85

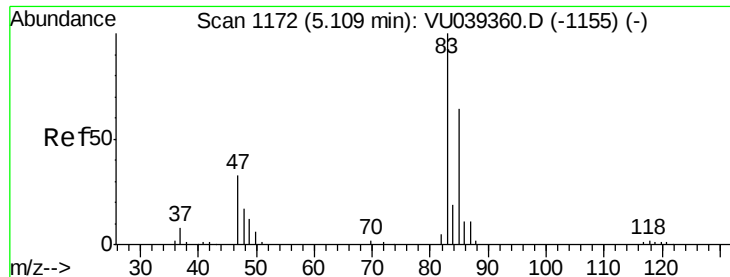
Tot Ion: 64 Resp: 700
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.5 43.7#



#13
 Acetone
 Concen: 2.577 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VU039374.D
 Acq: 09 Jul 2020 02:44

Tgt Ion: 43 Resp: 3776
 Ion Ratio Lower Upper
 43 100
 58 35.9 0.0 62.8

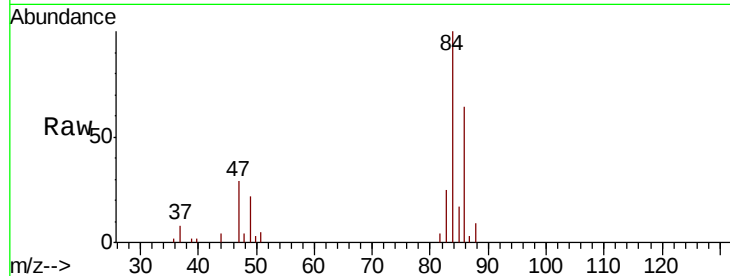




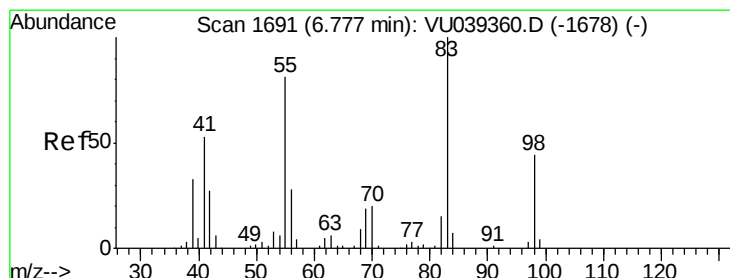
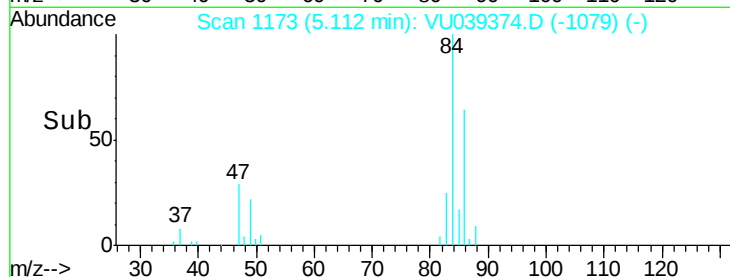
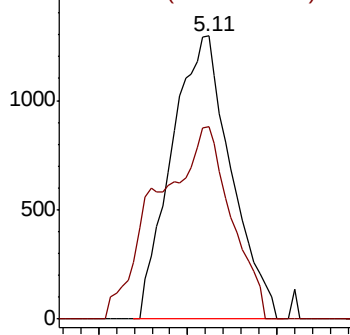
#25
Chloroform
Concen: 0.226 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039374.D
Acq: 09 Jul 2020 02:44

Instrument :
MSVOA_U
ClientSampled :
F4A85

Tot Ion: 83 Resp: 3010
Ion Ratio Lower Upper
83 100
85 68.2 44.9 83.5

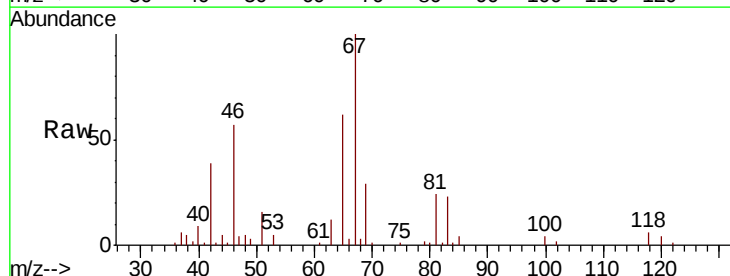


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

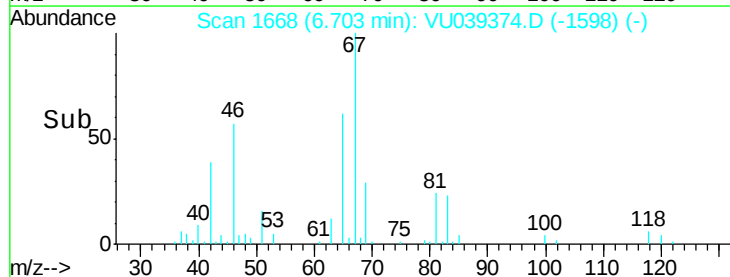
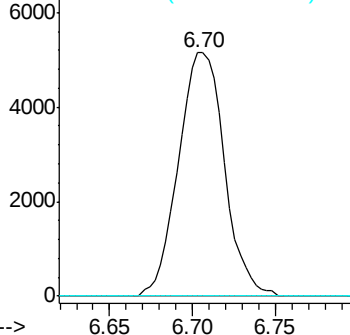


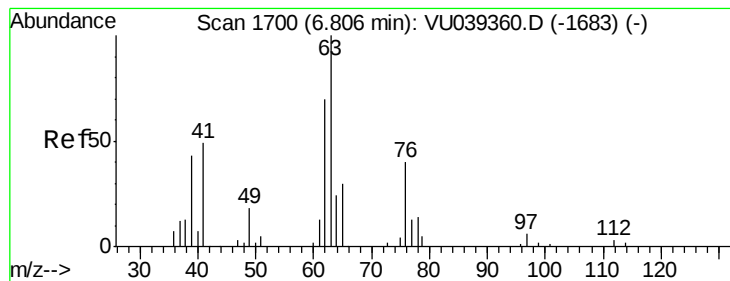
#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039374.D
Acq: 09 Jul 2020 02:44

Tgt Ion: 83 Resp: 9929
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: 0.644 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039374.D

Acq: 09 Jul 2020 02:44

Instrument :

MSVOA_U

ClientSampleId :

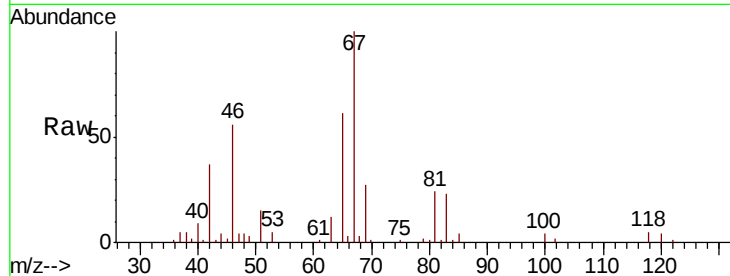
F4A85

Tot Ion: 63 Resp: 5002

Ion Ratio Lower Upper

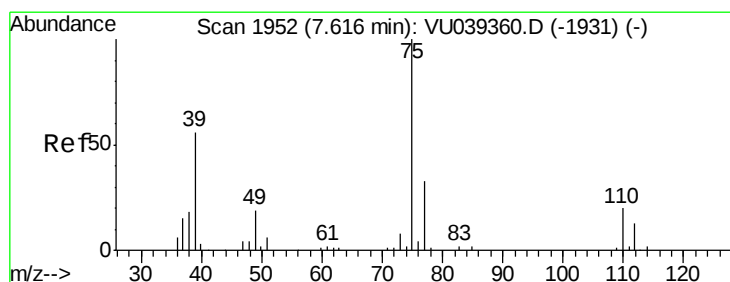
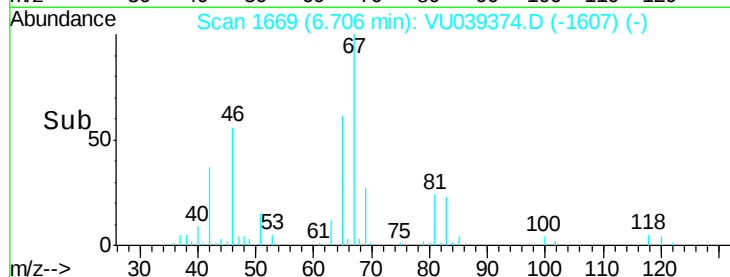
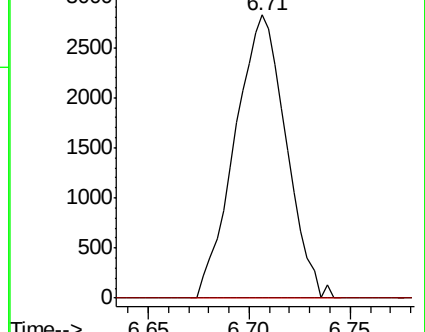
63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039360.D (-1683) (-)

Ion 112.10 (111.80 to 112.80): VU039360.D (-1683) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.04 min

Lab File: VU039374.D

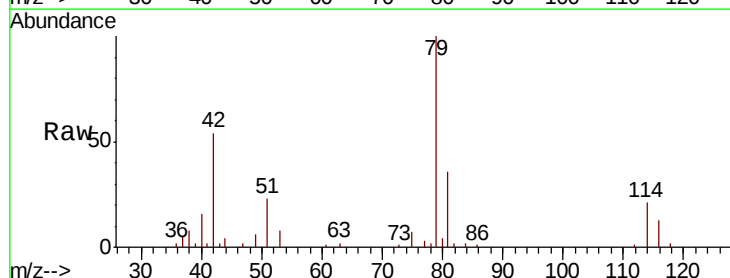
Acq: 09 Jul 2020 02:44

Tgt Ion: 75 Resp: 1492

Ion Ratio Lower Upper

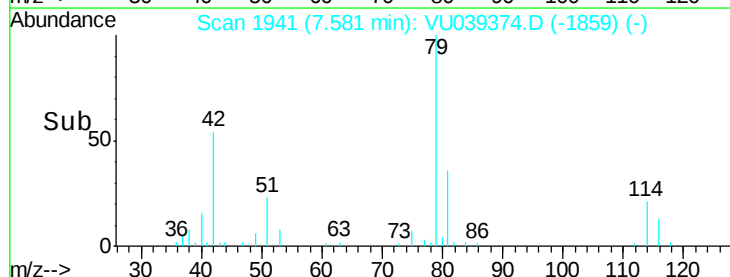
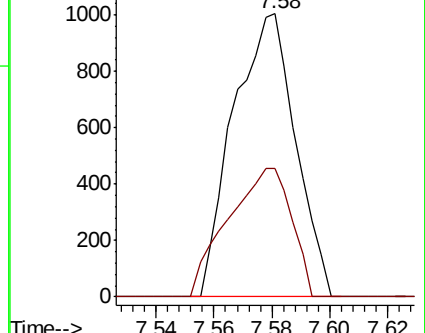
75 100

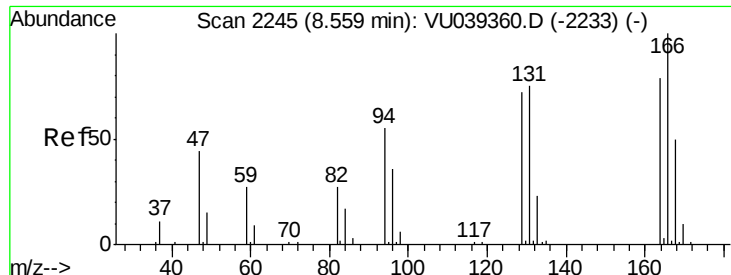
77 45.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039360.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU039360.D (-1931) (-)





#47

Tetrachloroethene

Concen: 0.117 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039374.D

Acq: 09 Jul 2020 02:44

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:164 Resp: 599

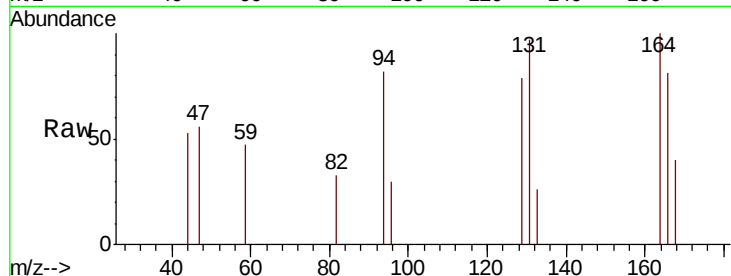
Ion Ratio Lower Upper

164 100

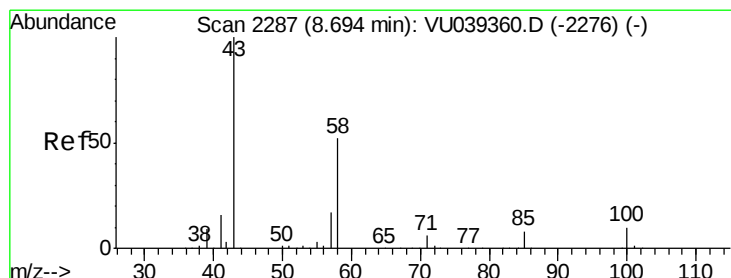
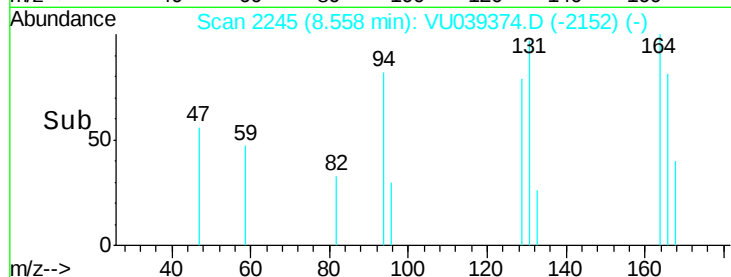
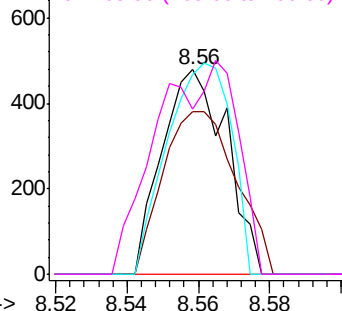
129 79.3 68.6 127.4

131 97.5 66.4 123.4

166 80.8 85.9 159.5#



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.093 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.00 min

Lab File: VU039374.D

Acq: 09 Jul 2020 02:44

Tgt Ion: 43 Resp: 5217

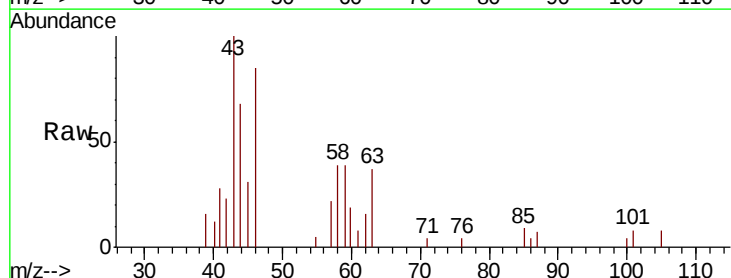
Ion Ratio Lower Upper

43 100

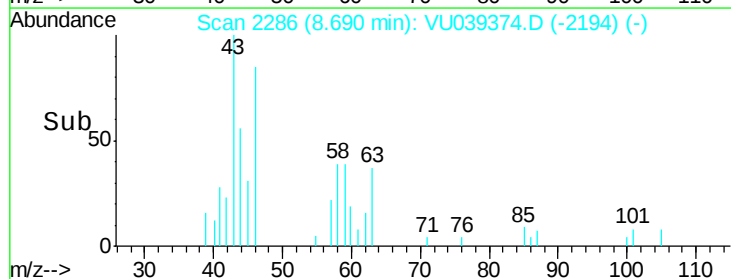
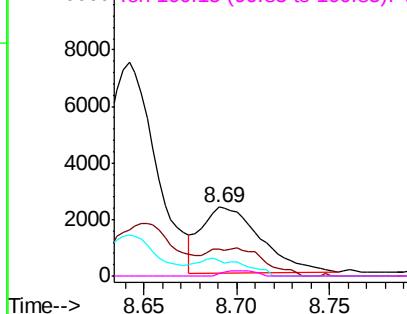
58 41.8 42.0 63.0#

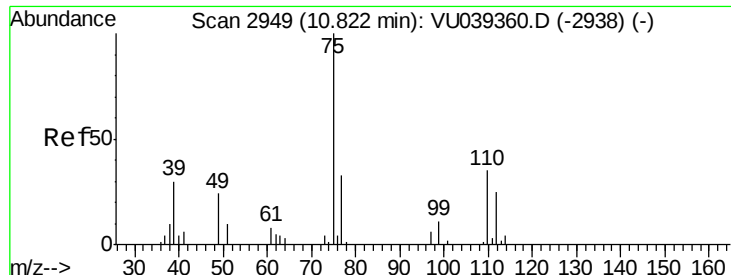
57 21.9 14.0 21.0#

100 4.4 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: 1.250 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039374.D

Acq: 09 Jul 2020 02:44

Instrument :

MSVOA_U

ClientSampleId :

F4A85

Tot Ion: 75 Resp: 7150

Ion Ratio Lower Upper

75 100

77 35.6 26.8 40.2

