

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071020\
 Data File : VU039452.D
 Acq On : 11 Jul 2020 00:51
 Operator : SY/MD
 Sample : L3268-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:02:41 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	6.26	114	92390	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19805	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.93	69	25810	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	32899	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.65	46	142935	58.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.68%
24) Chloroform-d	5.09	84	56250	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	37765	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.75	84	105685	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.71	67	38181	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	88556	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.19	79	14436	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	106071	55.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37038	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38068	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

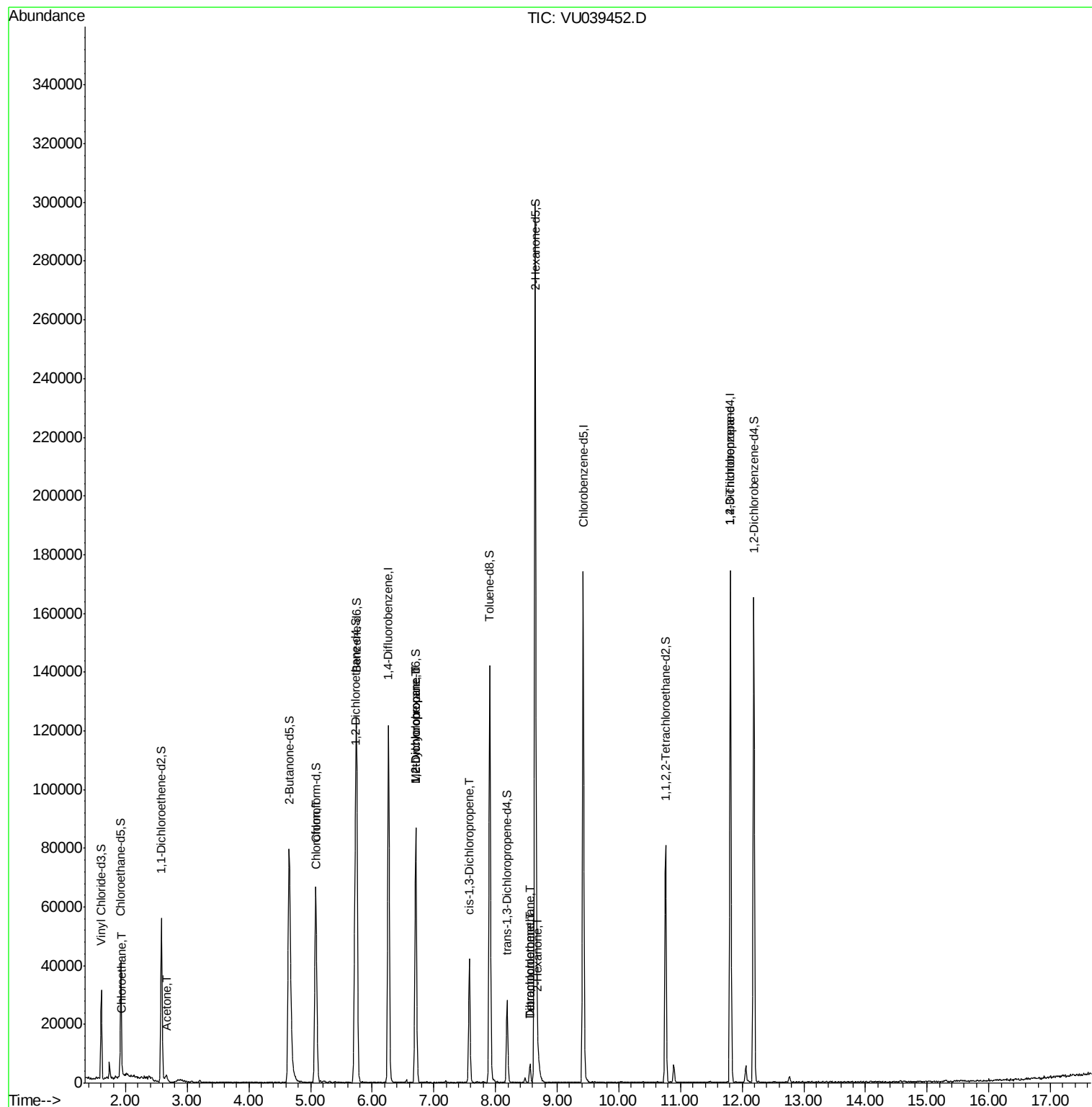
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	458	0.084	ug/L #	41
13) Acetone	2.65	43	1710	1.293	ug/L	92
25) Chloroform	5.10	83	2107	0.175	ug/L	89
35) Methylcyclohexane	6.70	83	8381	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4472	0.632	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1173	0.110	ug/L	93
47) Tetrachloroethene	8.56	164	1033	0.221	ug/L	79
48) 2-Hexanone	8.69	43	5232	1.203	ug/L #	81
49) Dibromochloromethane	8.56	129	1400	0.228	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6678	1.281	ug/L	94

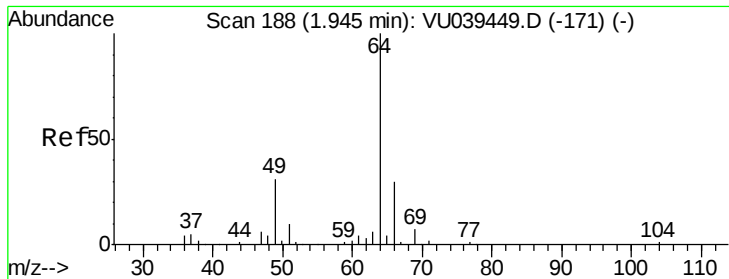
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 05:00:40 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU039452.D

Acq: 11 Jul 2020 00:51

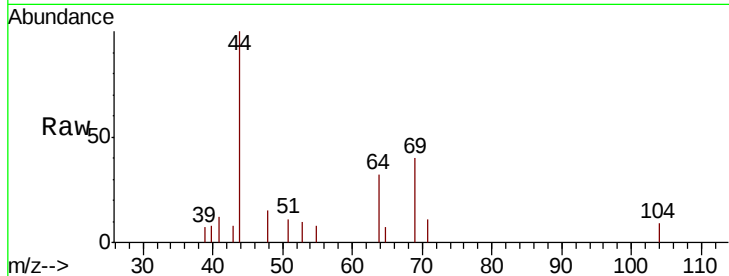
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 64 Resp: 458

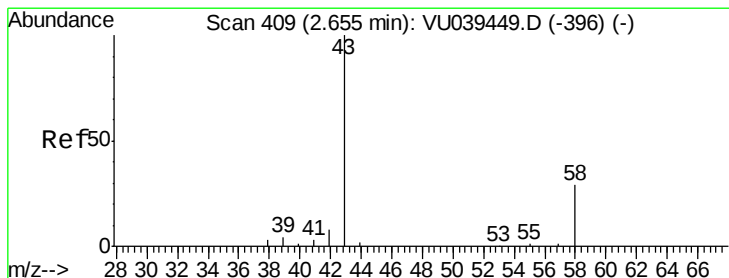
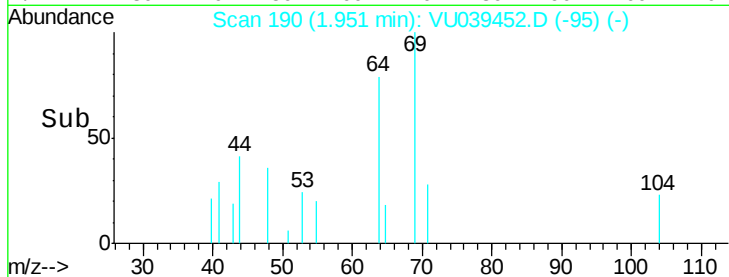
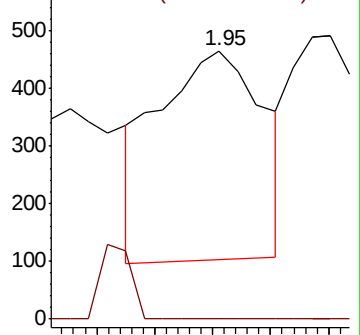
Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU039449.D (-171) (-)



#13

Acetone

Concen: 1.293 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU039452.D

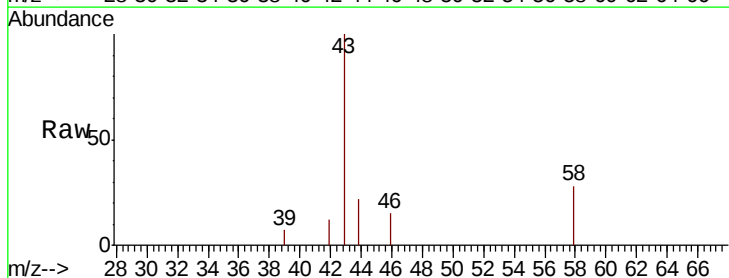
Acq: 11 Jul 2020 00:51

Tgt Ion: 43 Resp: 1710

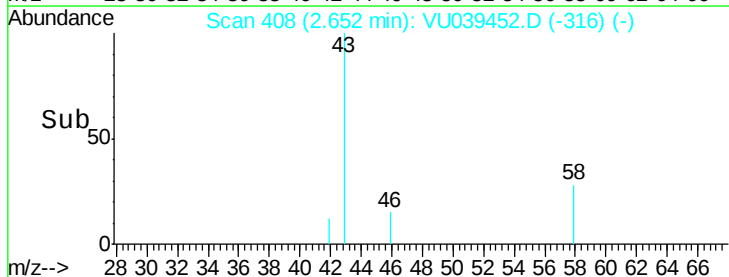
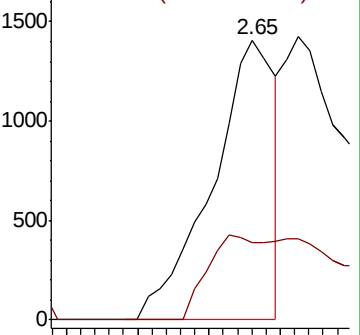
Ion Ratio Lower Upper

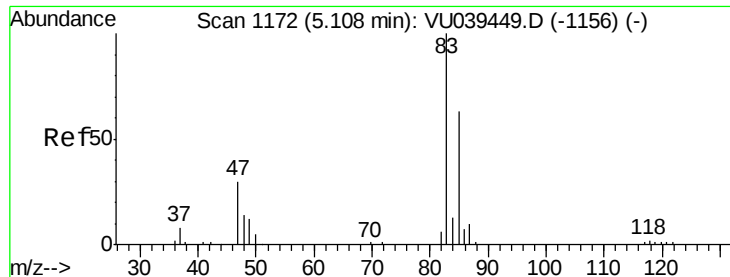
43 100

58 26.7 0.0 62.8



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

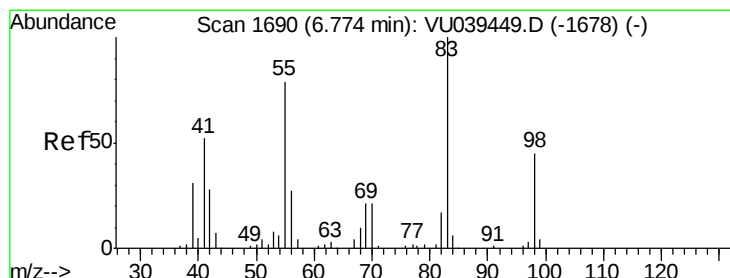
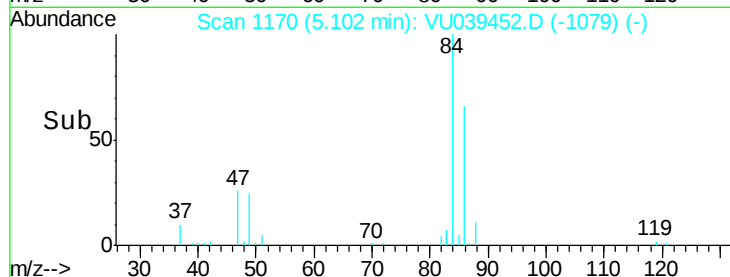
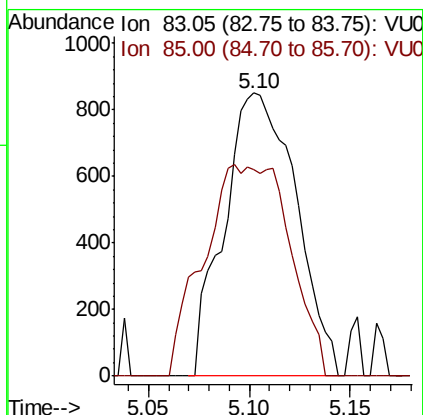
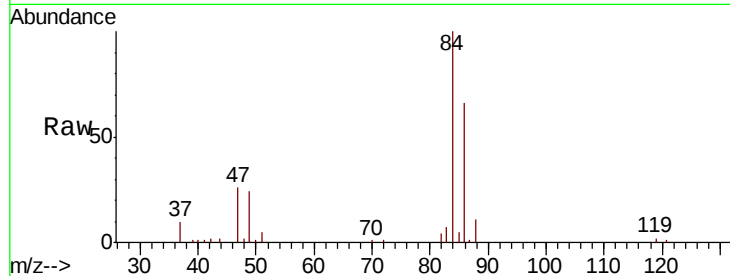




#25
Chloroform
Concen: 0.175 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.01 min
Lab File: VU039452.D
Acq: 11 Jul 2020 00:51

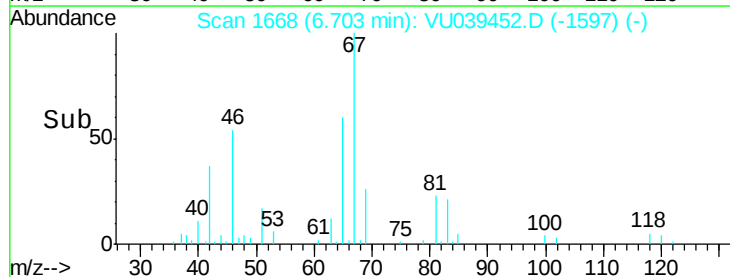
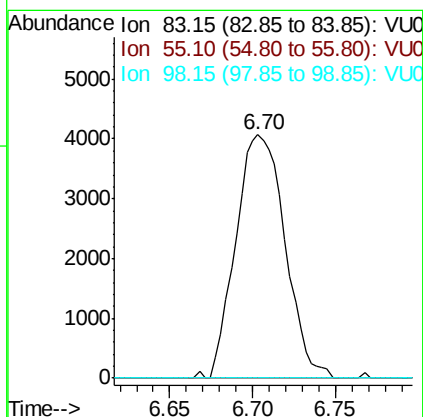
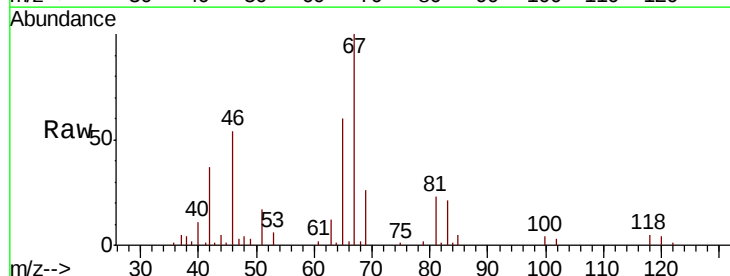
Instrument :
MSVOA_U
ClientSampleId :

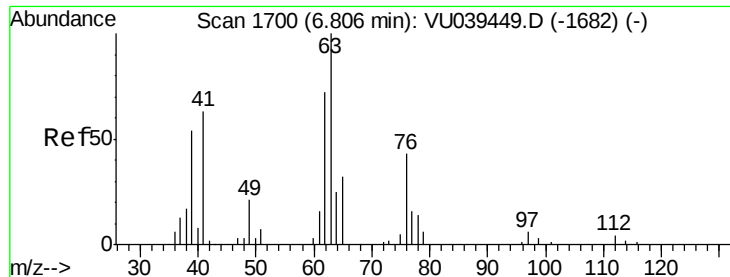
Tot Ion: 83 Resp: 2107
Ion Ratio Lower Upper
83 100
85 73.1 44.9 83.5



#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039452.D
Acq: 11 Jul 2020 00:51

Tgt Ion: 83 Resp: 8381
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: 0.632 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039452.D

Acq: 11 Jul 2020 00:51

Instrument :

MSVOA_U

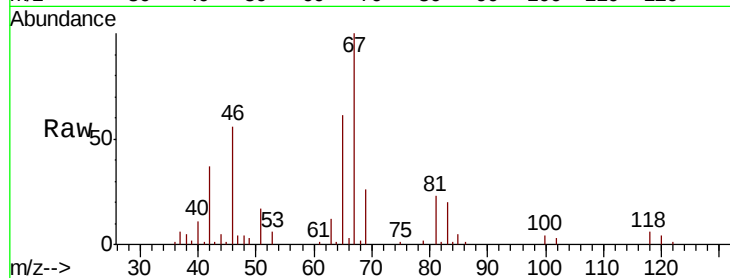
ClientSampled :

Tot Ion: 63 Resp: 4472

Ion Ratio Lower Upper

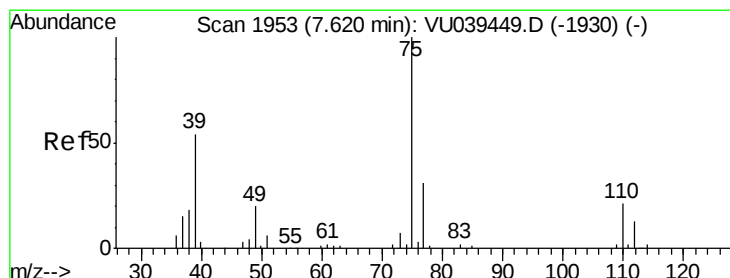
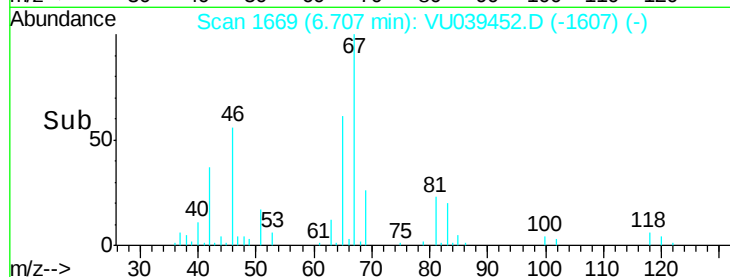
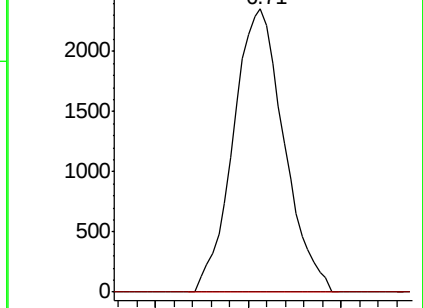
63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039449.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039449.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.04 min

Lab File: VU039452.D

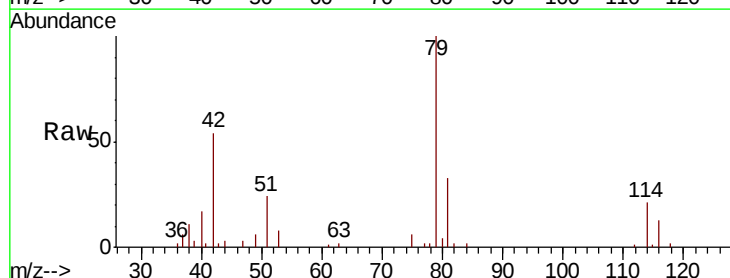
Acq: 11 Jul 2020 00:51

Tgt Ion: 75 Resp: 1173

Ion Ratio Lower Upper

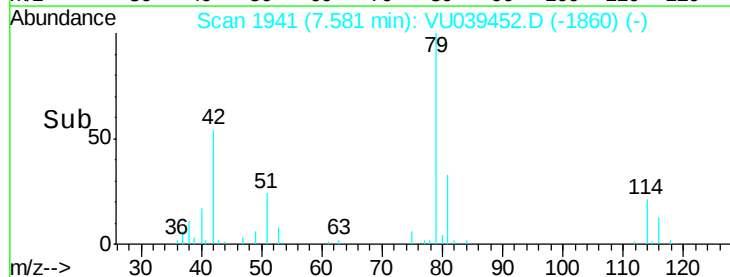
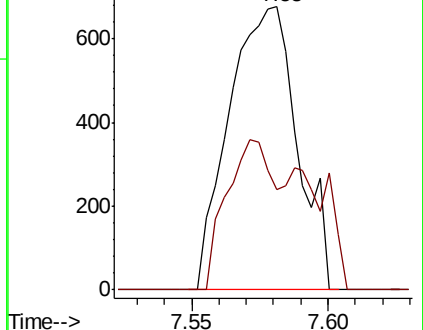
75 100

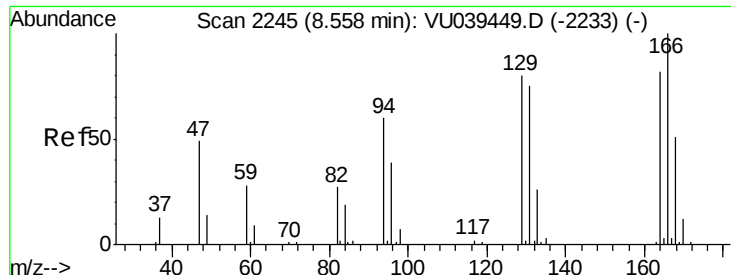
77 35.5 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU039449.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039449.D (-1930) (-)

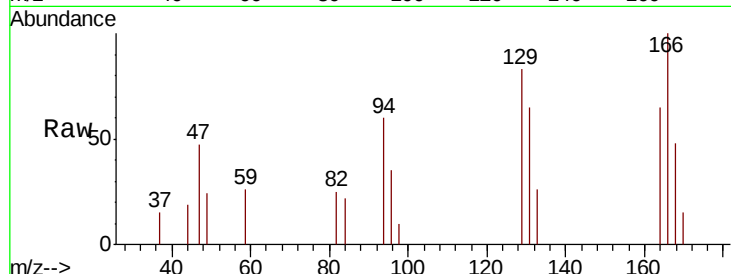




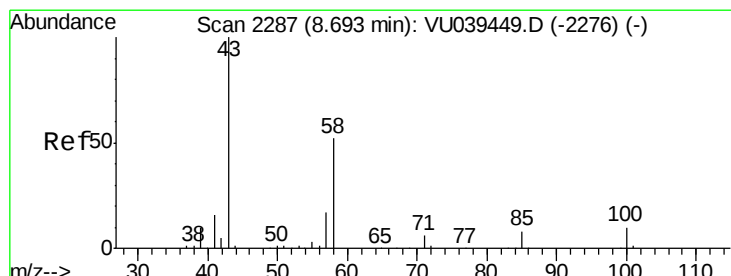
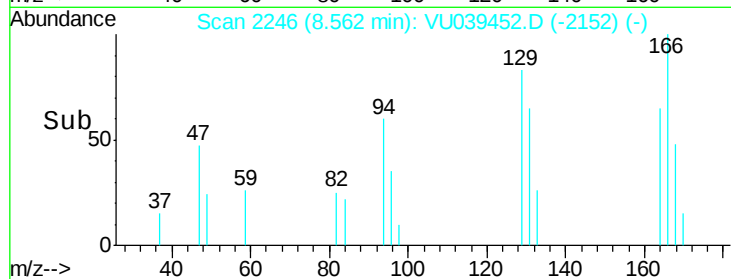
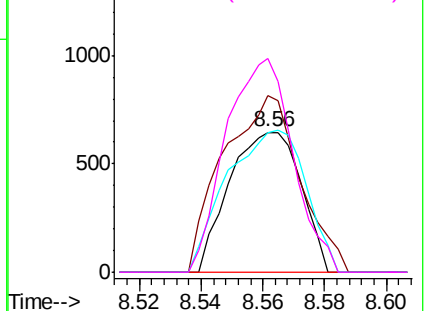
#47
Tetrachloroethene
Concen: 0.221 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039452.D
Acq: 11 Jul 2020 00:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 1033
Ion Ratio Lower Upper
164 100
129 126.8 68.6 127.4
131 99.7 66.4 123.4
166 152.9 85.9 159.5

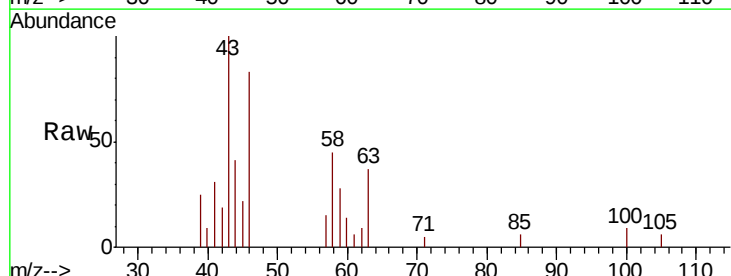


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

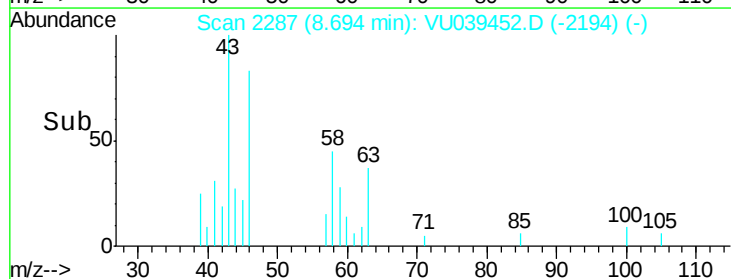
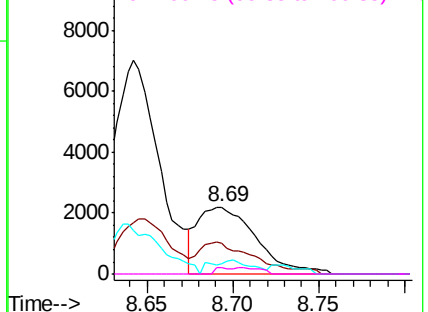


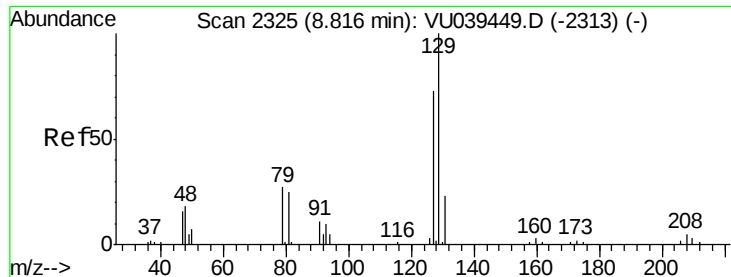
#48
2-Hexanone
Concen: 1.203 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039452.D
Acq: 11 Jul 2020 00:51

Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
58 42.2 42.0 63.0
57 3.8 14.0 21.0#
100 2.8 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

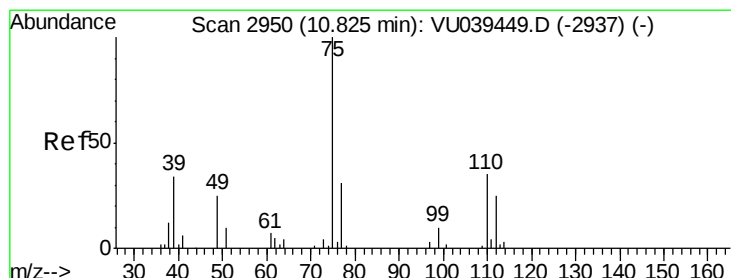
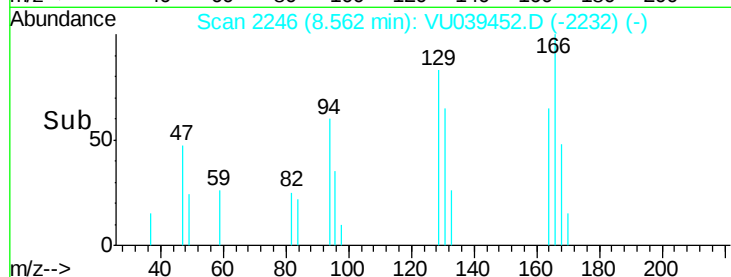
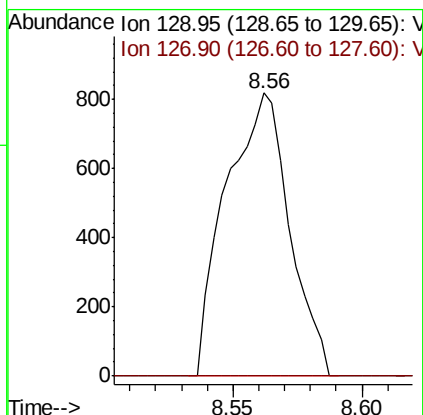
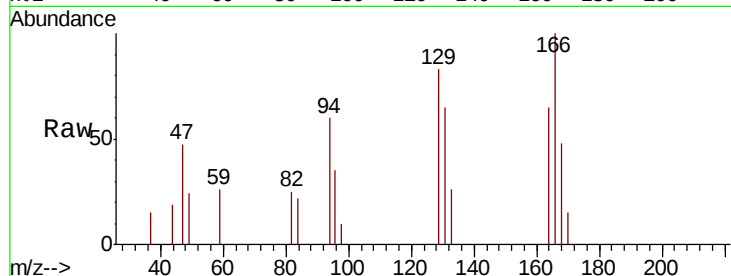




#49
 Dibromochloromethane
 Concen: 0.228 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. -0.25 min
 Lab File: VU039452.D
 Acq: 11 Jul 2020 00:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 1400
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.281 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.98 min
 Lab File: VU039452.D
 Acq: 11 Jul 2020 00:51

Tgt Ion: 75 Resp: 6678
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.8 40.2

