

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039439.D
 Acq On : 10 Jul 2020 18:47
 Operator : SY/MD
 Sample : L3244-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:54:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	92003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21797	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.93	69	27647	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	35156	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.65	46	144460	59.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.42%
24) Chloroform-d	5.09	84	57790	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	38349	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.75	84	110613	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	38815	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.91	98	94449	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	8.19	79	15322	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	102882	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37543	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	38385	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

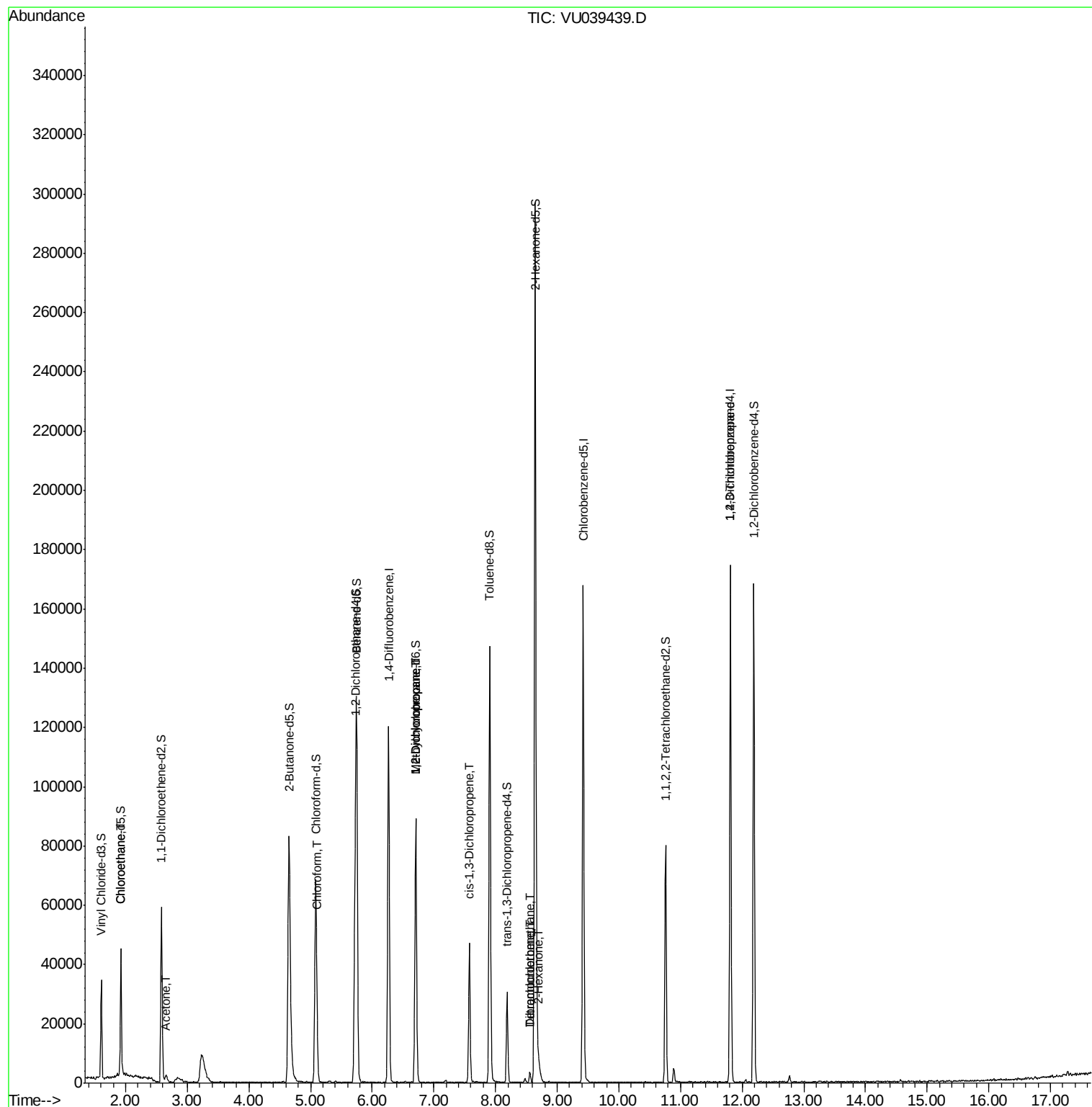
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	761	0.140	ug/L #	41
13) Acetone	2.66	43	3781	2.871	ug/L	68
25) Chloroform	5.11	83	2692	0.225	ug/L	86
35) Methylcyclohexane	6.71	83	8714	0.832	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4652	0.675	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1343	0.129	ug/L #	71
47) Tetrachloroethene	8.56	164	749	0.165	ug/L	93
48) 2-Hexanone	8.70	43	4745	1.120	ug/L #	70
49) Dibromochloromethane	8.56	129	613	0.102	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6682	1.316	ug/L	97

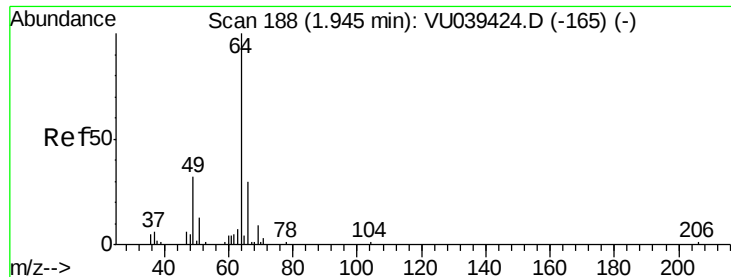
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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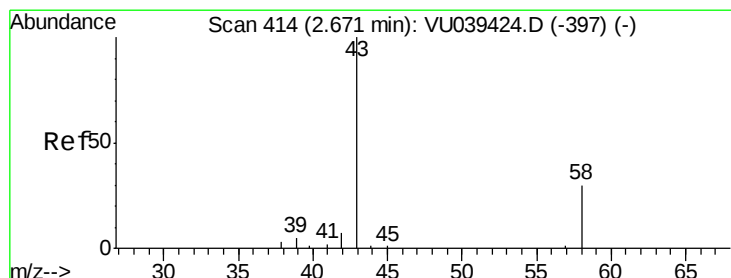
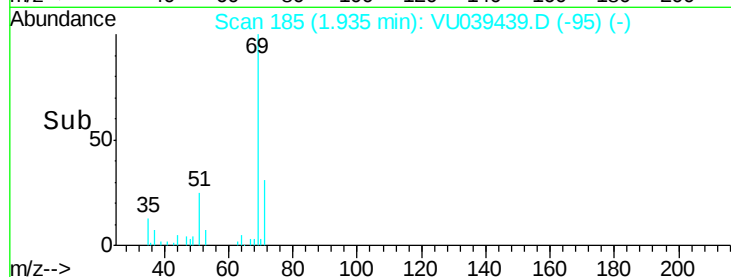
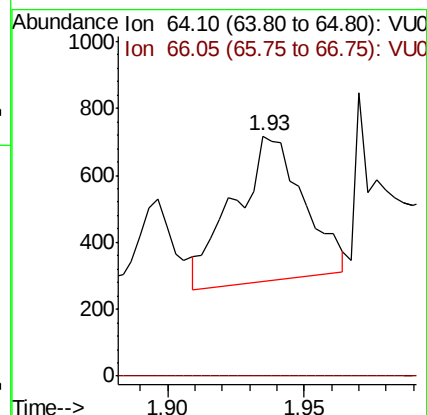
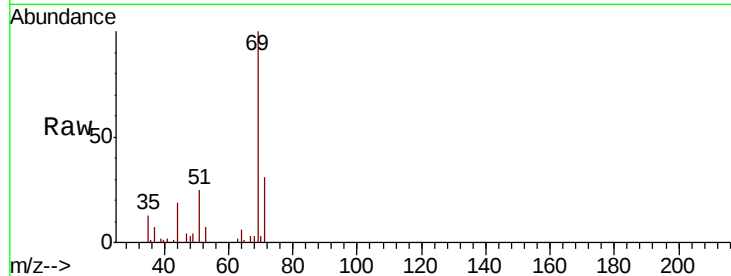




#8
Chloroethane
Concen: 0.140 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU039439.D
Acq: 10 Jul 2020 18:47

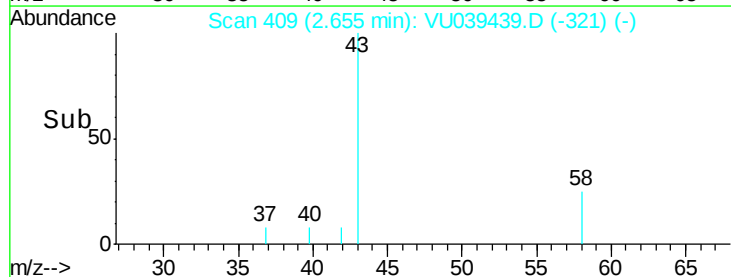
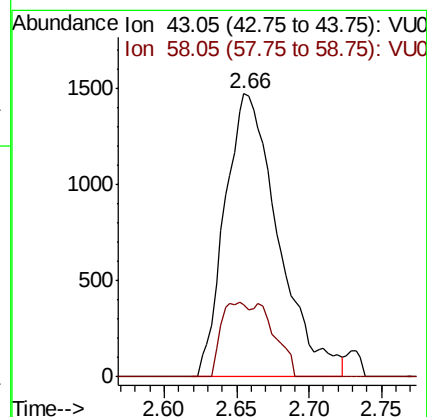
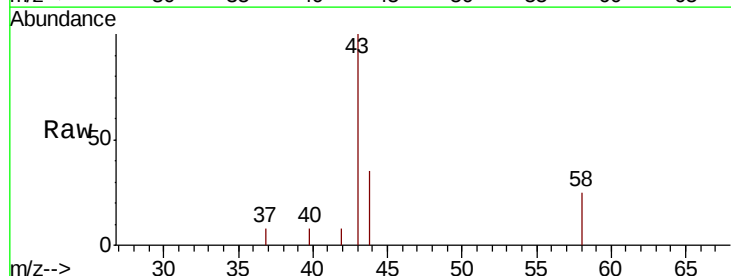
Instrument :
MSVOA_U
ClientSampleId :

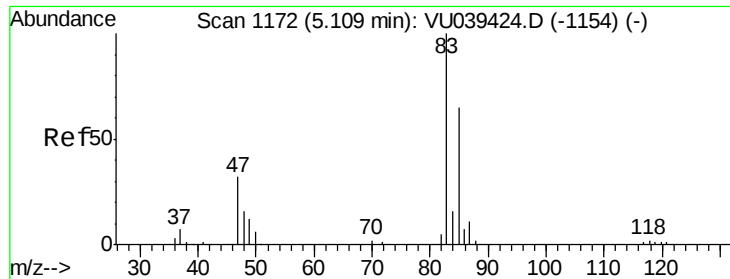
Tot Ion: 64 Resp: 761
Ion Ratio Lower Upper
64 100
66 0.0 23.5 43.7#



#13
Acetone
Concen: 2.871 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.02 min
Lab File: VU039439.D
Acq: 10 Jul 2020 18:47

Tgt Ion: 43 Resp: 3781
Ion Ratio Lower Upper
43 100
58 13.5 0.0 62.8

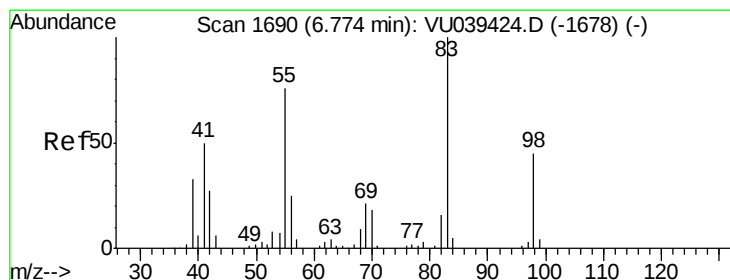
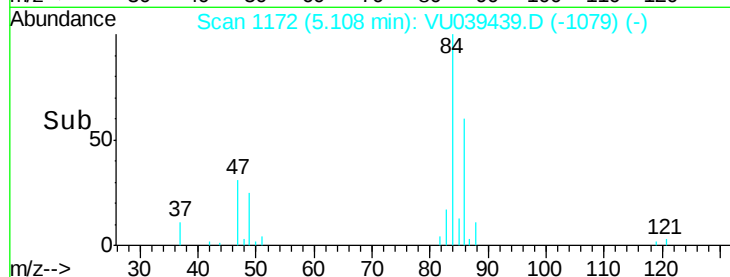
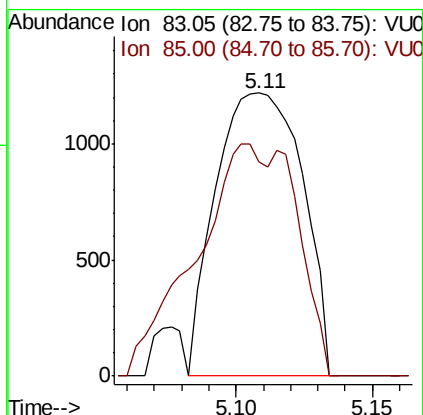
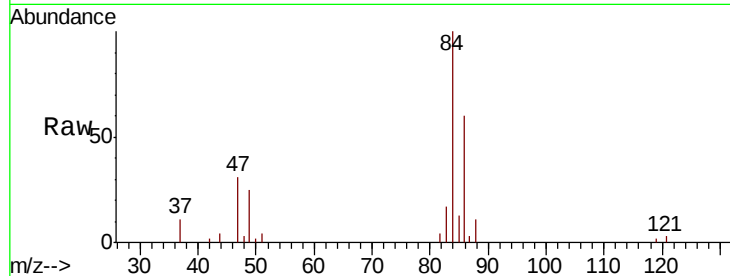




#25
Chloroform
Concen: 0.225 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039439.D
Acq: 10 Jul 2020 18:47

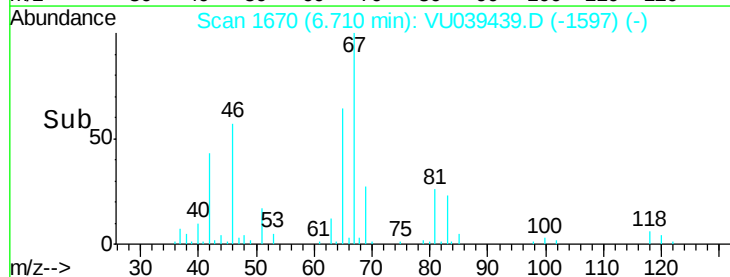
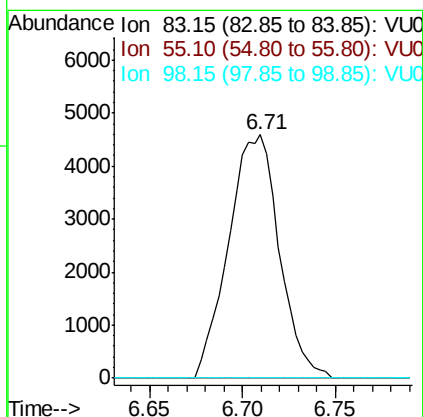
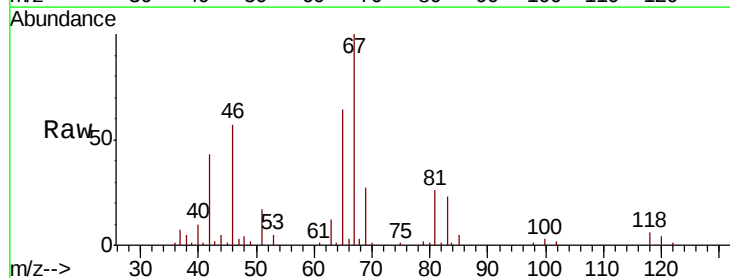
Instrument :
MSVOA_U
ClientSampleId :

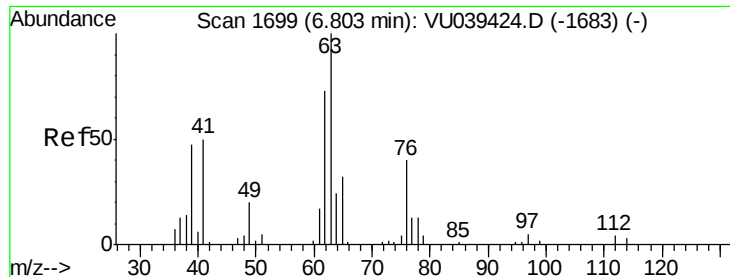
Tot Ion: 83 Resp: 2692
Ion Ratio Lower Upper
83 100
85 75.5 44.9 83.5



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039439.D
Acq: 10 Jul 2020 18:47

Tgt Ion: 83 Resp: 8714
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

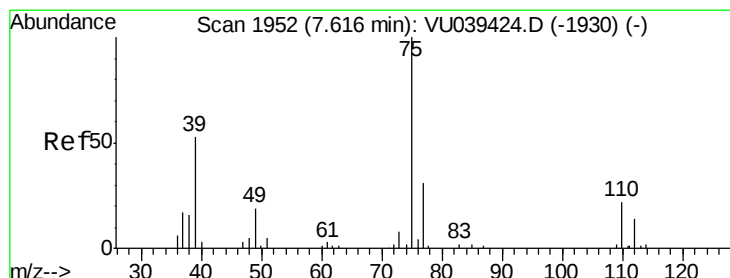
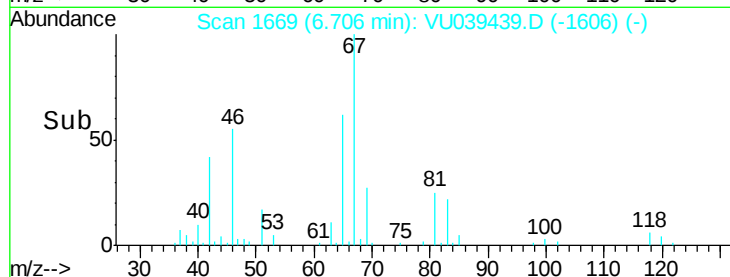
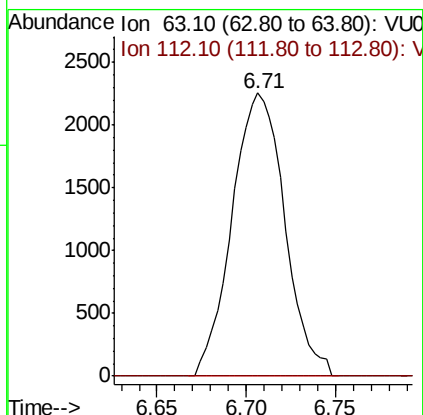
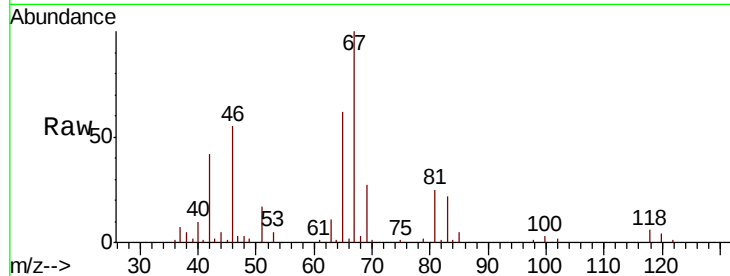




#37
 1,2-Dichloropropane
 Concen: 0.675 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039439.D
 Acq: 10 Jul 2020 18:47

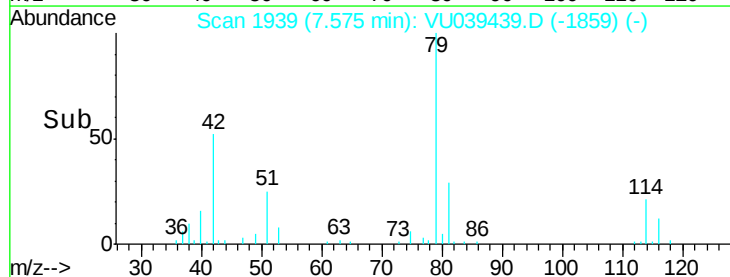
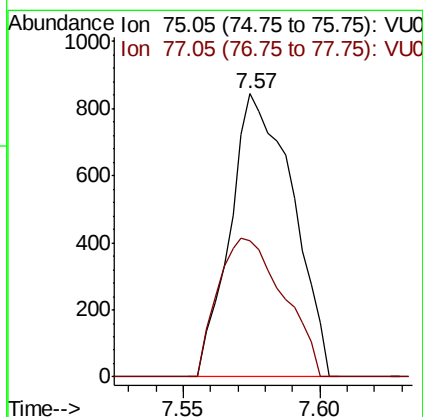
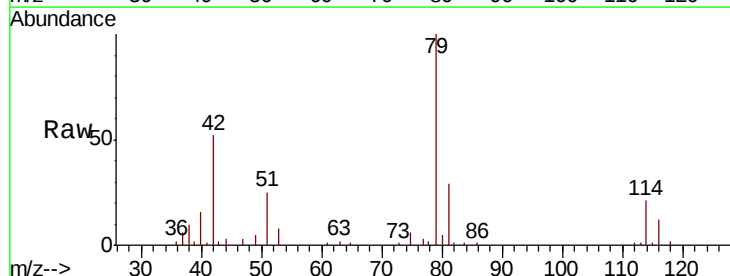
Instrument :
 MSVOA_U
 ClientSampled :

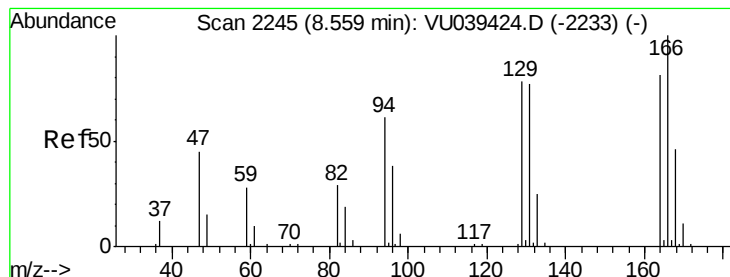
Tot Ion: 63 Resp: 4652
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039439.D
 Acq: 10 Jul 2020 18:47

Tgt Ion: 75 Resp: 1343
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039439.D

Acq: 10 Jul 2020 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 749

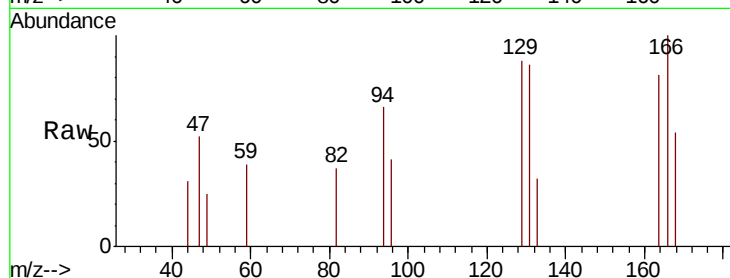
Ion Ratio Lower Upper

164 100

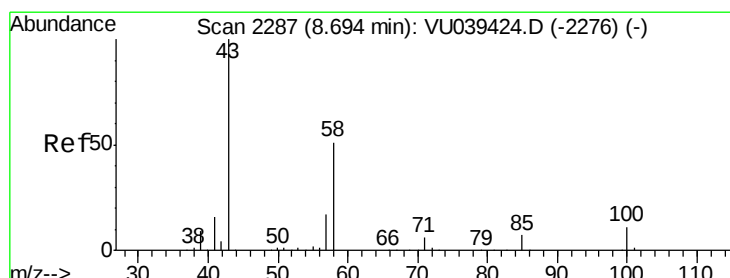
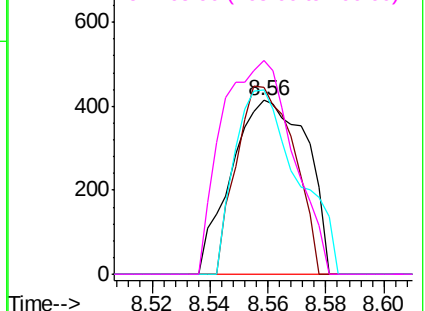
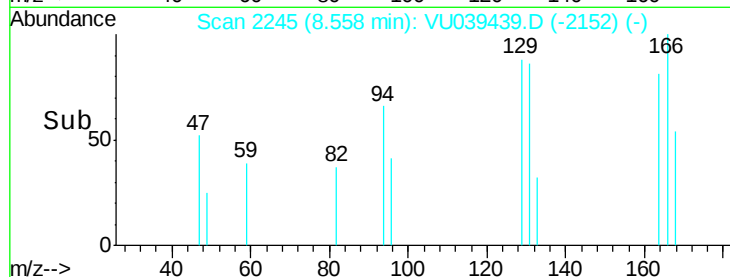
129 107.7 68.6 127.4

131 105.8 66.4 123.4

166 122.9 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: 1.120 ug/L

RT: 8.70 min Scan# 2289

Delta R.T. 0.01 min

Lab File: VU039439.D

Acq: 10 Jul 2020 18:47

Tgt Ion: 43 Resp: 4745

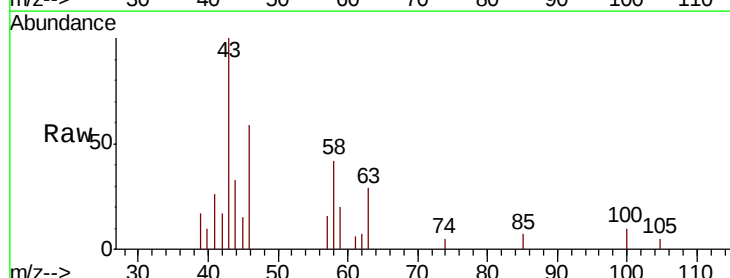
Ion Ratio Lower Upper

43 100

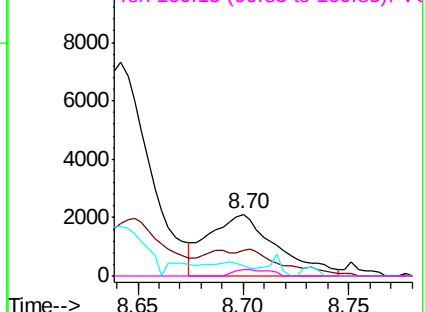
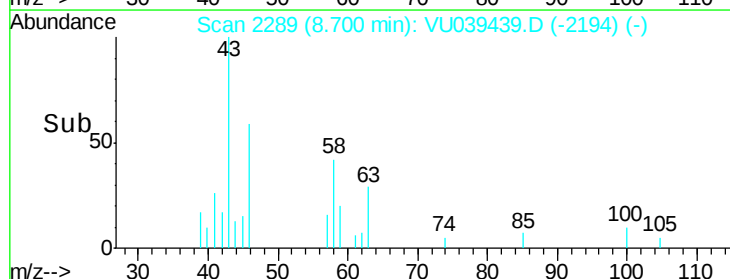
58 27.2 42.0 63.0#

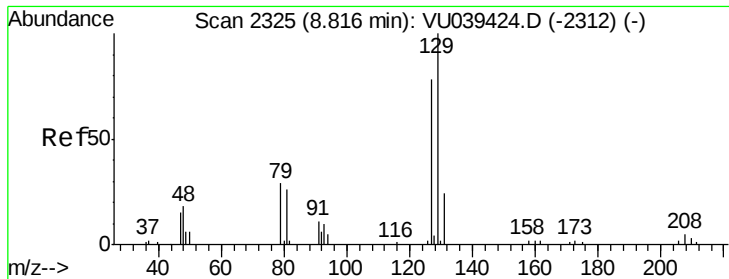
57 6.6 14.0 21.0#

100 5.6 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





#49

Dibromochloromethane

Concen: 0.102 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039439.D

Acq: 10 Jul 2020 18:47

Instrument :

MSVOA_U

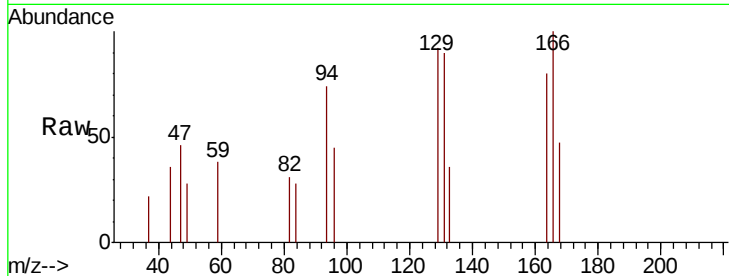
ClientSampled :

Tot Ion:129 Resp: 613

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

400

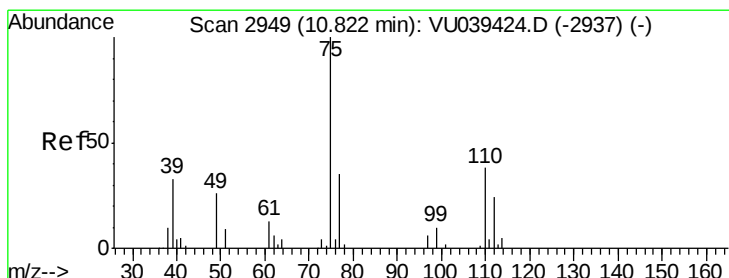
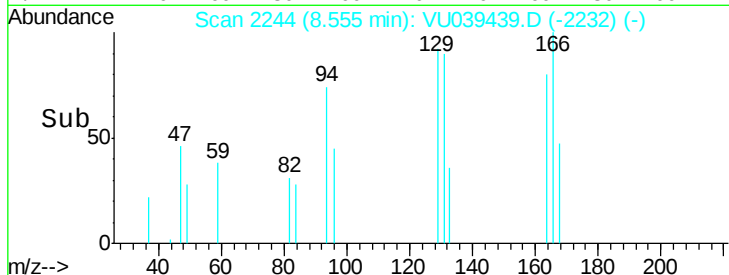
300

200

100

0

Time--> 8.52 8.54 8.56 8.58



#59

1,2,3-Trichloropropane

Concen: 1.316 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039439.D

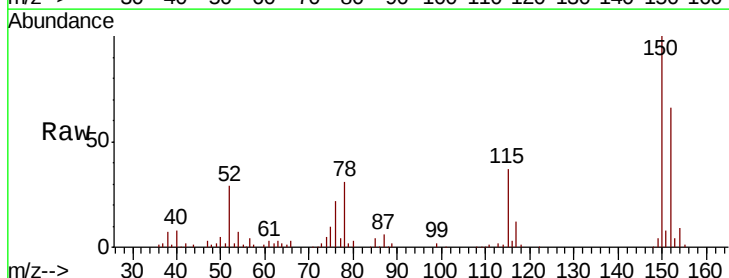
Acq: 10 Jul 2020 18:47

Tgt Ion: 75 Resp: 6682

Ion Ratio Lower Upper

75 100

77 35.4 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

Time--> 11.75 11.80 11.85

