

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039451.D
 Acq On : 11 Jul 2020 00:28
 Operator : SY/MD
 Sample : L3268-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:02:29 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	90291	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18862	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.92	69	27100	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	29068	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.65	46	145311	60.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.38%
24) Chloroform-d	5.08	84	56334	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	38682	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.74	84	102017	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	36795	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	89144	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	14407	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	102414	54.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.58%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36417	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36762	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

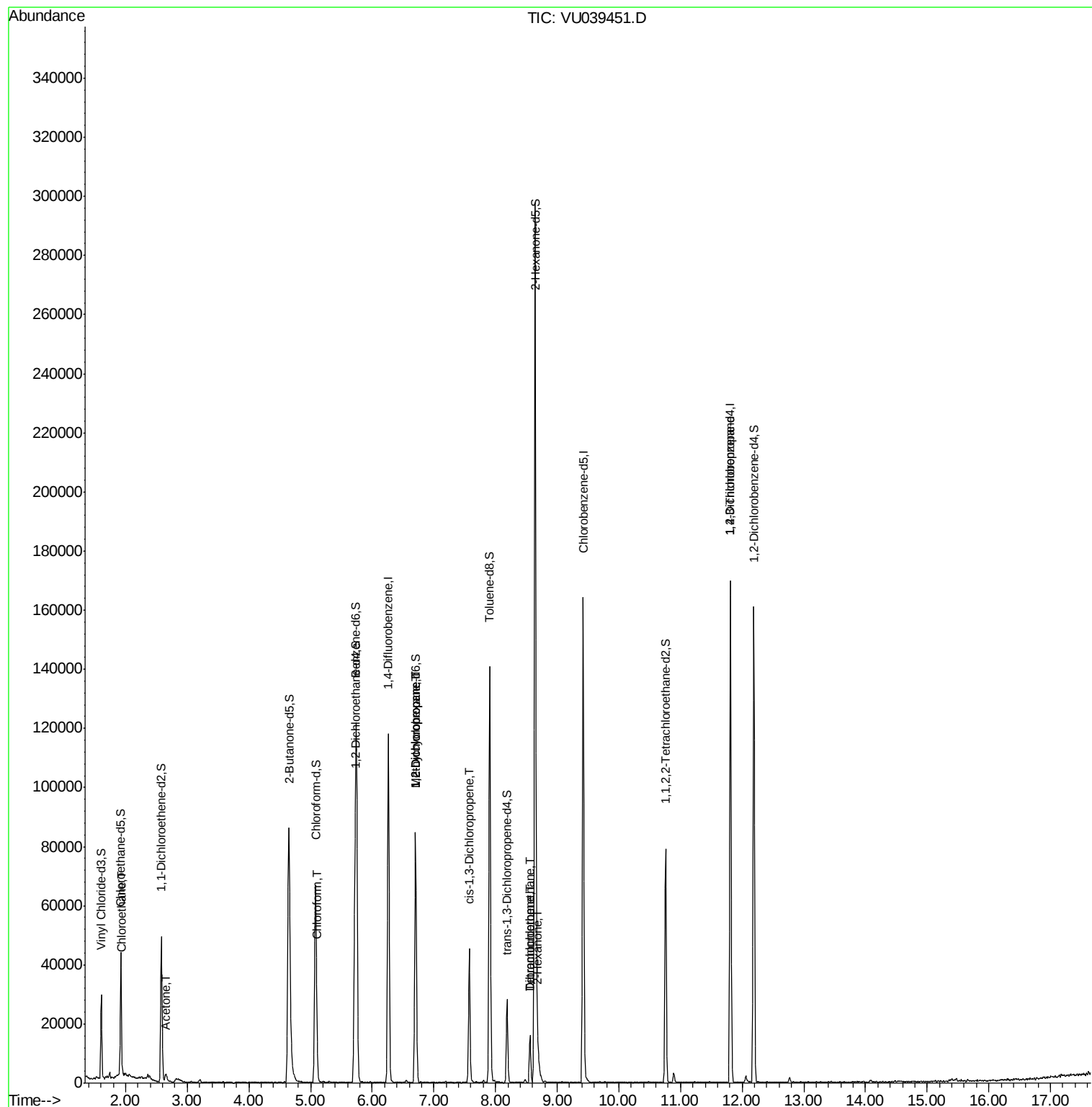
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	1121	0.211	ug/L #	41
13) Acetone	2.65	43	4458	3.449	ug/L	73
25) Chloroform	5.11	83	2181	0.186	ug/L	87
35) Methylcyclohexane	6.70	83	8487	0.805	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4550	0.656	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	983	0.094	ug/L #	1
47) Tetrachloroethene	8.56	164	3124	0.682	ug/L	94
48) 2-Hexanone	8.69	43	4409	1.033	ug/L #	85
49) Dibromochloromethane	8.56	129	2867	0.475	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6403	1.252	ug/L	95

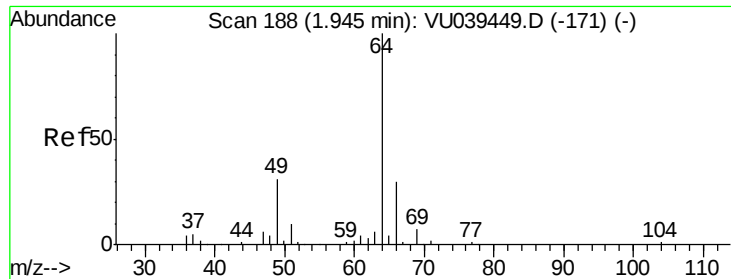
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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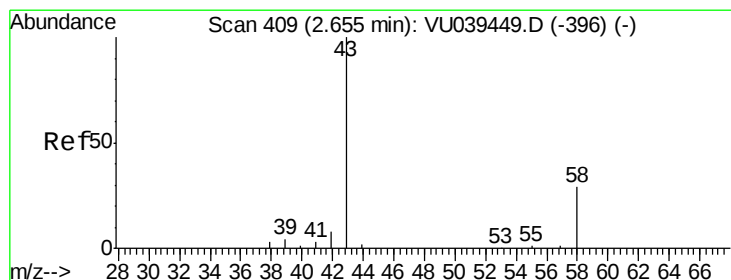
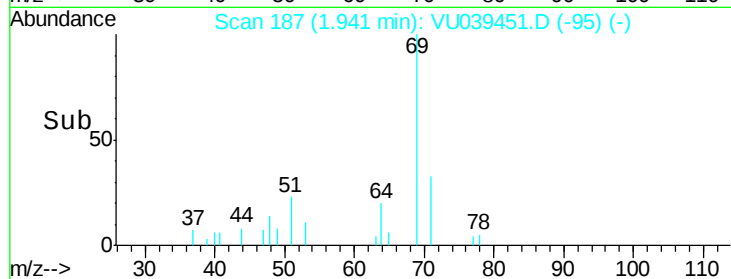
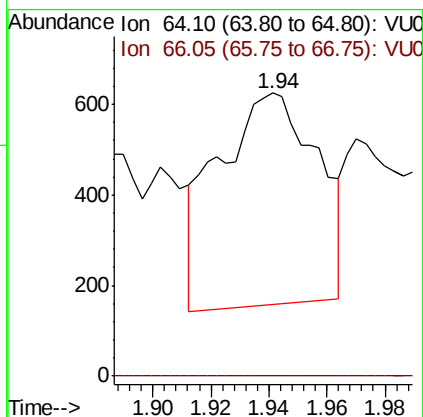
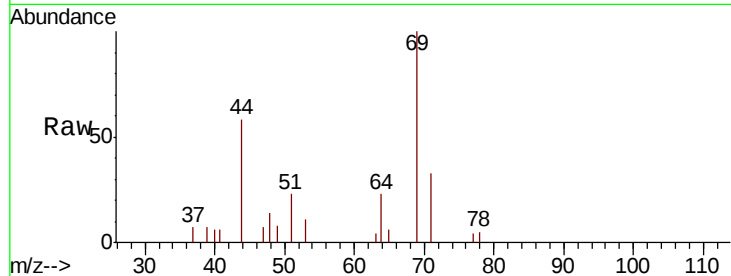




#8
Chloroethane
Concen: 0.211 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039451.D
Acq: 11 Jul 2020 00:28

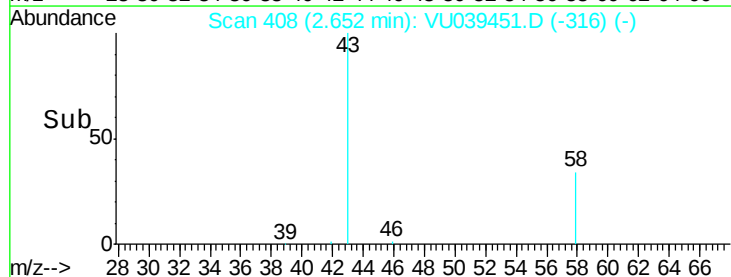
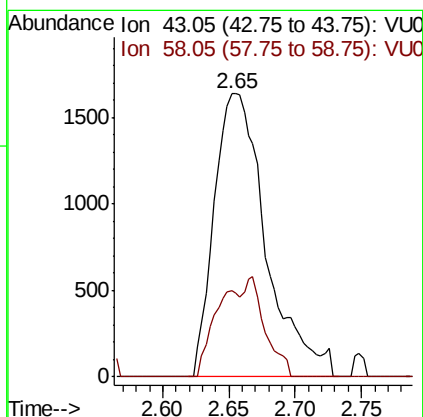
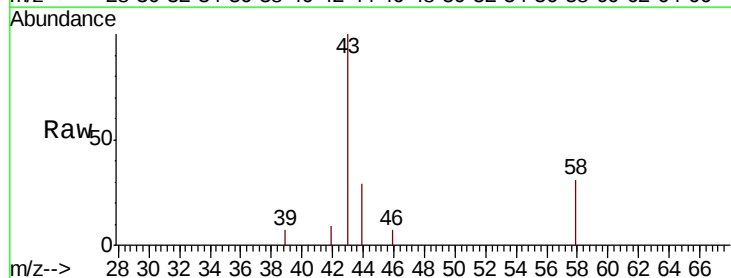
Instrument :
MSVOA_U
ClientSampleId :

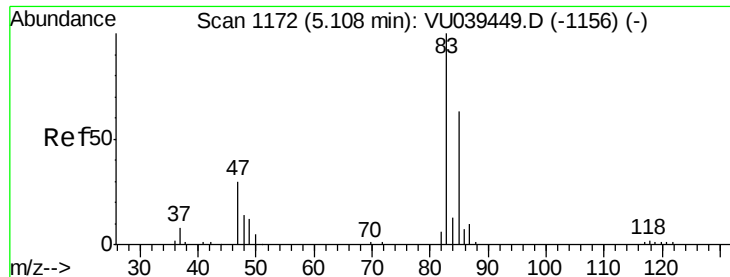
Tot Ion: 64 Resp: 1121
Ion Ratio Lower Upper
64 100
66 0.0 23.5 43.7#



#13
Acetone
Concen: 3.449 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU039451.D
Acq: 11 Jul 2020 00:28

Tgt Ion: 43 Resp: 4458
Ion Ratio Lower Upper
43 100
58 16.2 0.0 62.8

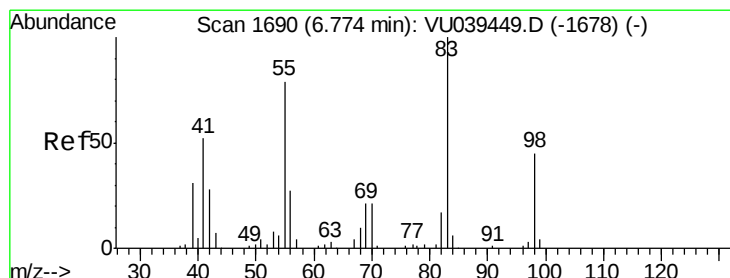
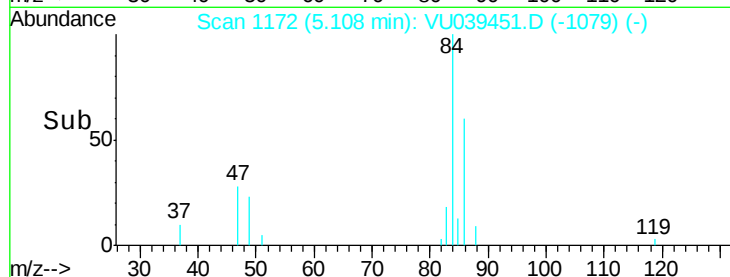
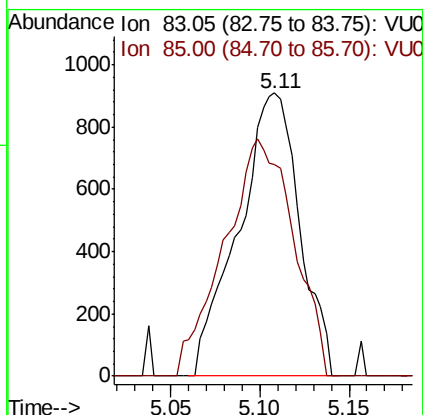
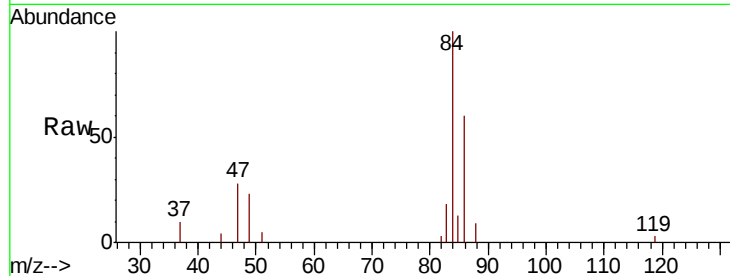




#25
Chloroform
Concen: 0.186 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039451.D
Acq: 11 Jul 2020 00:28

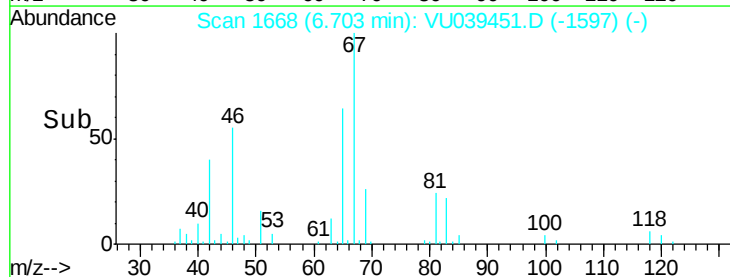
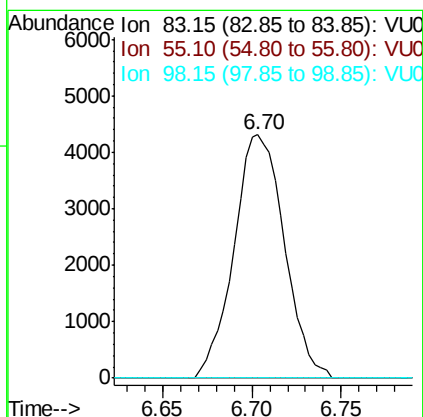
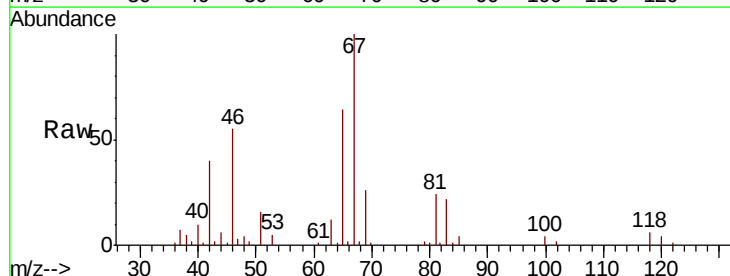
Instrument :
MSVOA_U
ClientSampled :

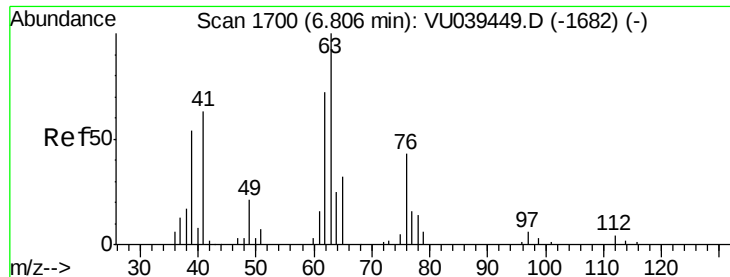
Tot Ion: 83 Resp: 2181
Ion Ratio Lower Upper
83 100
85 74.7 44.9 83.5



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039451.D
Acq: 11 Jul 2020 00:28

Tgt Ion: 83 Resp: 8487
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

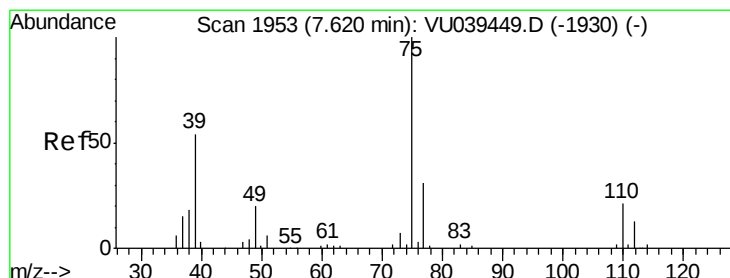
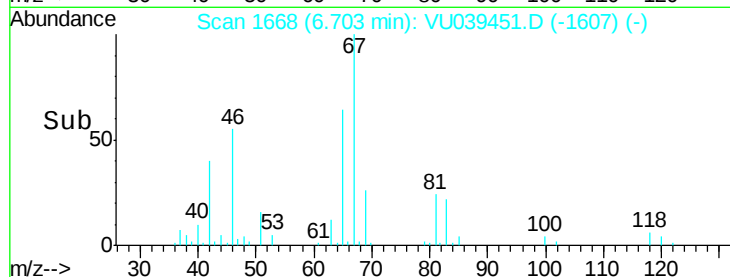
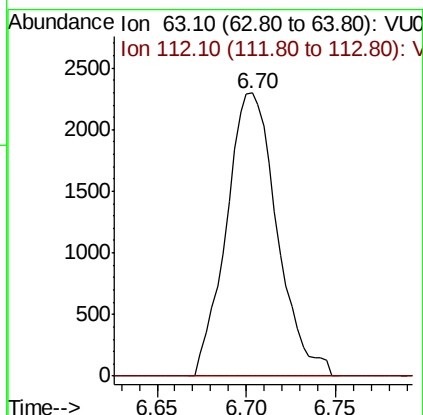
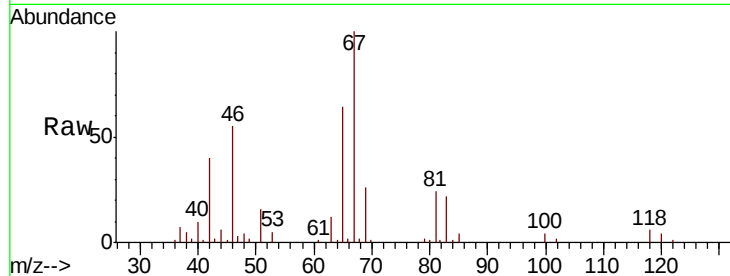




#37
 1,2-Dichloropropane
 Concen: 0.656 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039451.D
 Acq: 11 Jul 2020 00:28

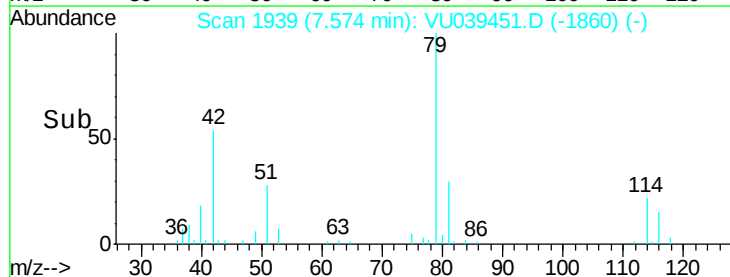
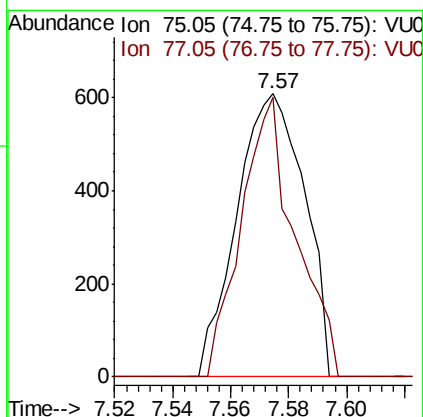
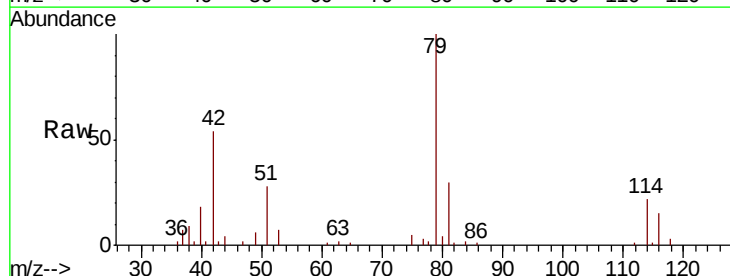
Instrument :
 MSVOA_U
 ClientSampleId :

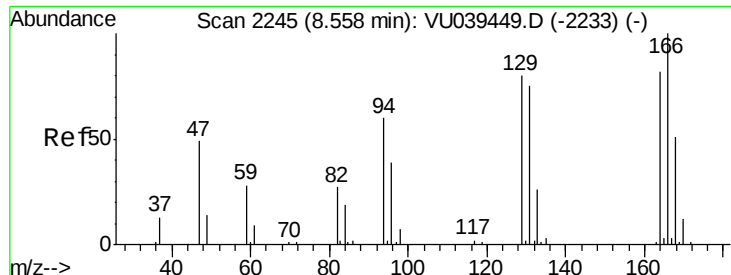
Tot Ion: 63 Resp: 4550
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.05 min
 Lab File: VU039451.D
 Acq: 11 Jul 2020 00:28

Tgt Ion: 75 Resp: 983
 Ion Ratio Lower Upper
 75 100
 77 99.0 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.682 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039451.D

Acq: 11 Jul 2020 00:28

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 3124

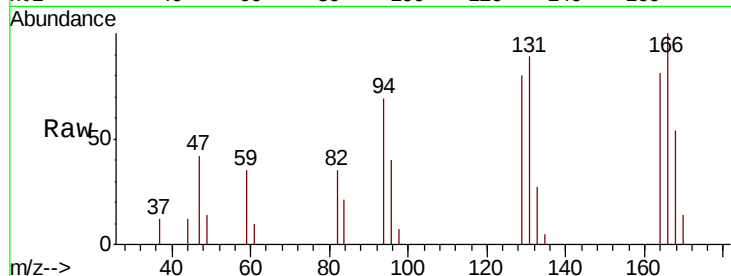
Ion Ratio Lower Upper

164 100

129 98.8 68.6 127.4

131 110.8 66.4 123.4

166 124.0 85.9 159.5

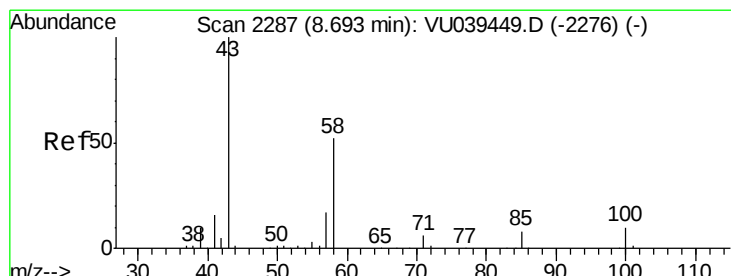
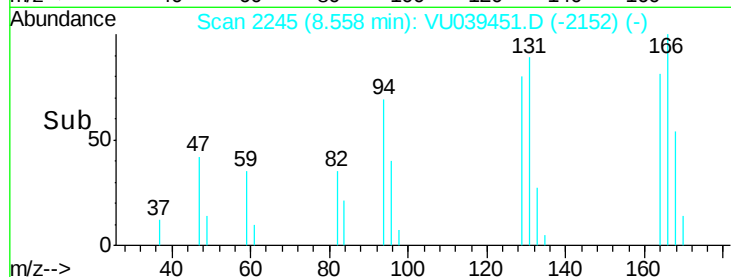
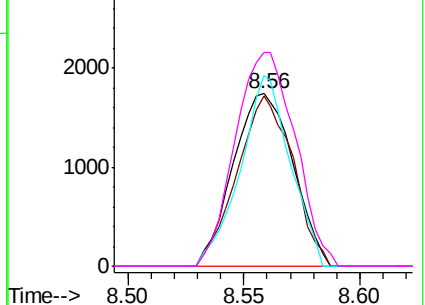


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.033 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.00 min

Lab File: VU039451.D

Acq: 11 Jul 2020 00:28

Tgt Ion: 43 Resp: 4409

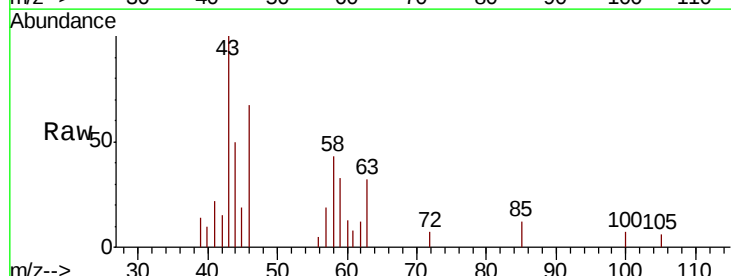
Ion Ratio Lower Upper

43 100

58 58.5 42.0 63.0

57 4.3 14.0 21.0#

100 1.8 8.2 12.2#

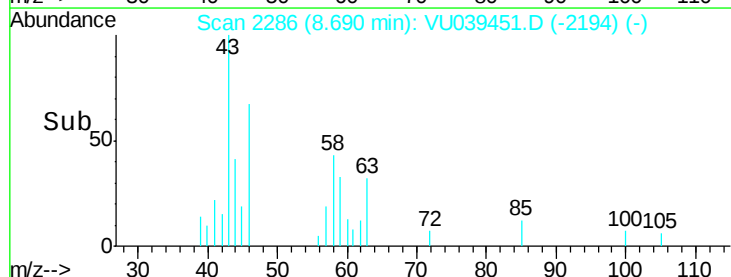
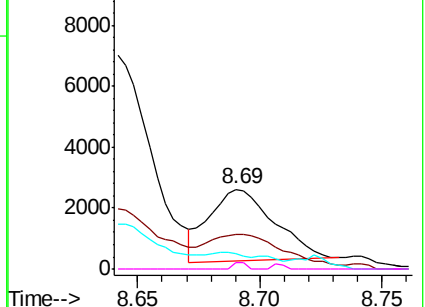


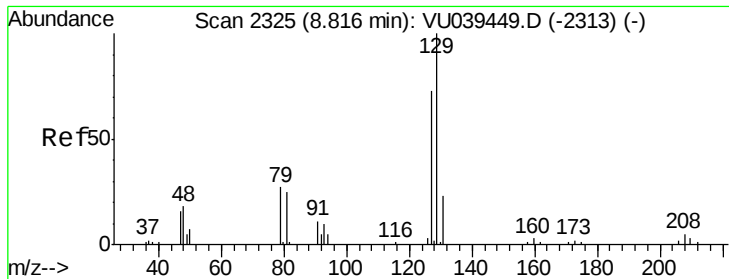
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.475 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039451.D

Acq: 11 Jul 2020 00:28

Instrument :

MSVOA_U

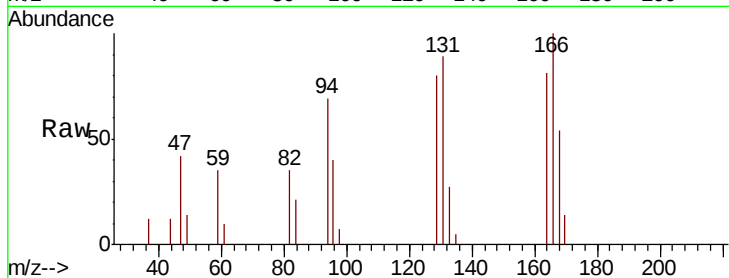
ClientSampleId :

Tot Ion:129 Resp: 2867

Ion Ratio Lower Upper

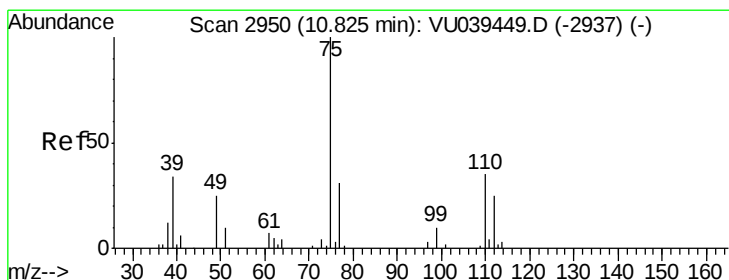
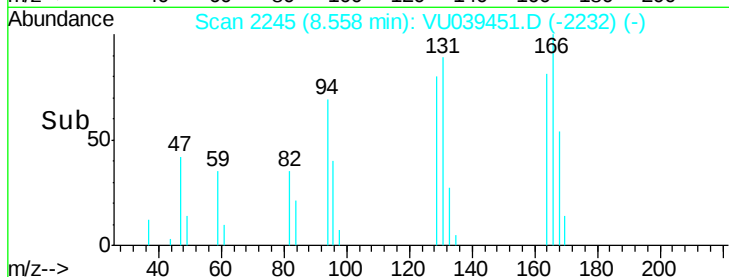
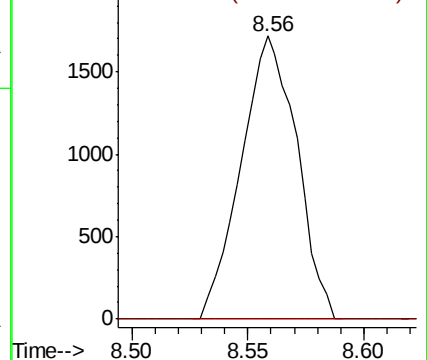
129 100

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



#59

1,2,3-Trichloropropane

Concen: 1.252 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039451.D

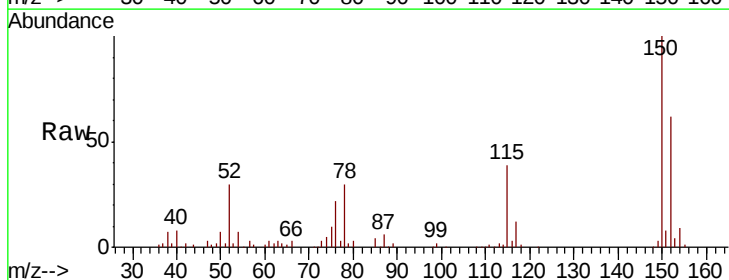
Acq: 11 Jul 2020 00:28

Tgt Ion: 75 Resp: 6403

Ion Ratio Lower Upper

75 100

77 36.1 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

