

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039990.D
 Acq On : 27 Aug 2020 14:10
 Operator : SY/MD
 Sample : L3821-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Quant Time: Aug 28 01:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.31	114	85498	5.00	ug/L	0.05
28) Chlorobenzene-d5	9.43	117	83536	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.81	152	39960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	27126	3.64	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.97	69	26312	4.26	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.62	63	60070	4.16	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.80	46	87648	36.72	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.44%
24) Chloroform-d	5.13	84	58807	4.36	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.78	65	37435	4.69	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.80	84	114815	4.62	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.75	67	38548	4.70	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	97710	4.49	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.21	79	15184	4.41	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	78329	44.84	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23755	3.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39900	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

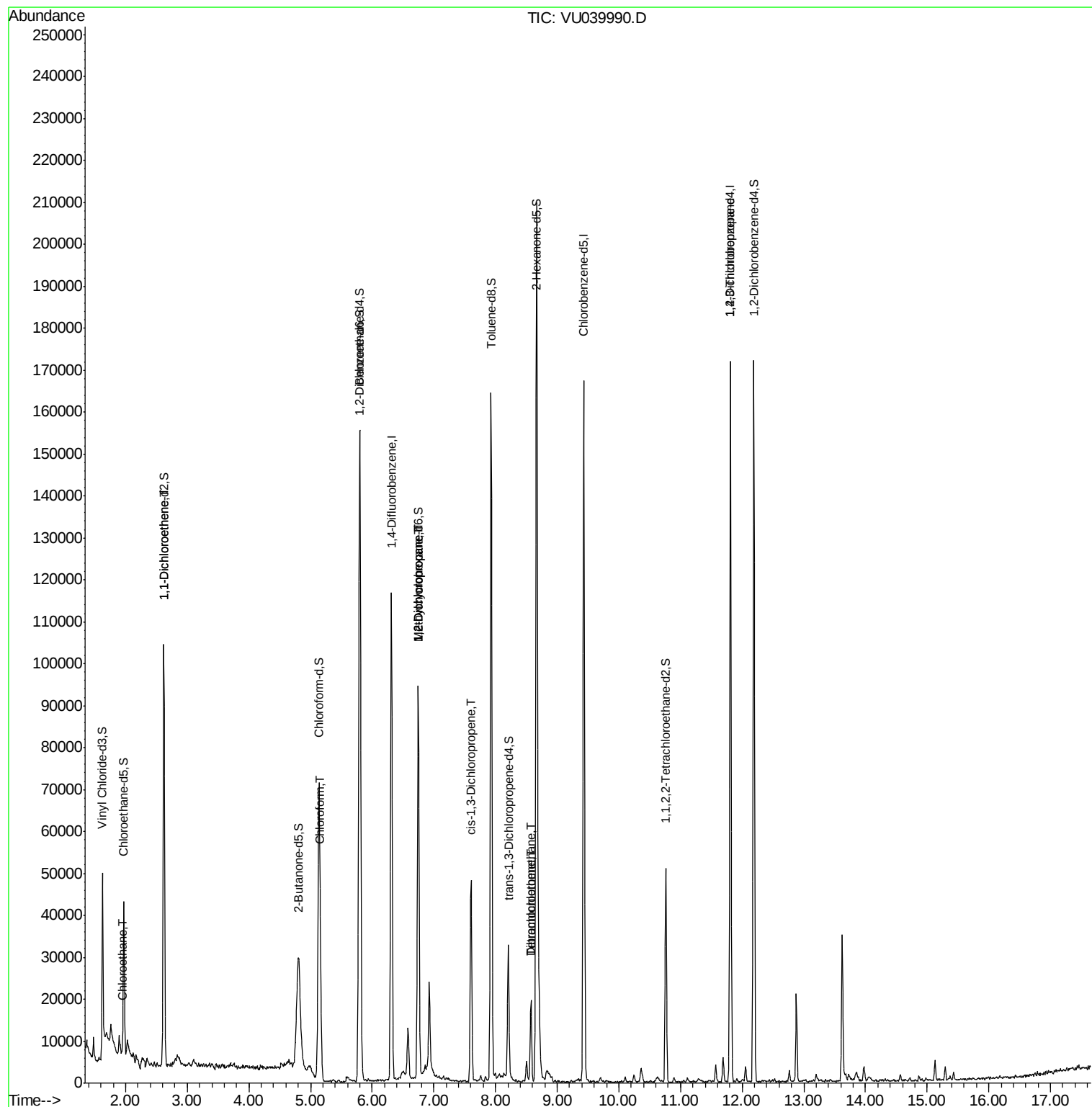
					Ovalue
8) Chloroethane	1.94	64	653	0.107 ug/L #	42
12) 1,1-Dichloroethene	2.62	96	455	0.061 ug/L #	1
25) Chloroform	5.16	83	14010	0.960 ug/L	90
35) Methylcyclohexane	6.75	83	8978	0.744 ug/L #	21
37) 1,2-Dichloropropane	6.75	63	4614	0.572 ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	1510	0.134 ug/L #	53
47) Tetrachloroethene	8.57	164	3706	0.638 ug/L	86
49) Dibromochloromethane	8.57	129	3475	0.475 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	5882	1.018 ug/L #	83

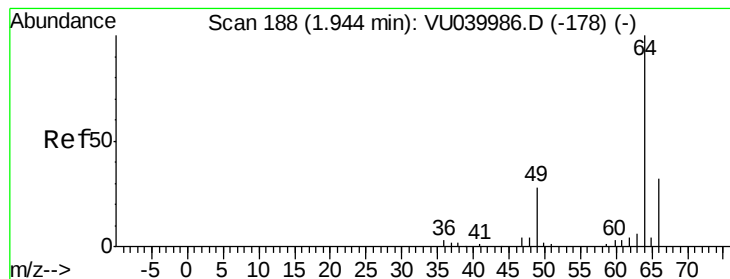
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.107 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039990.D

Acq: 27 Aug 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

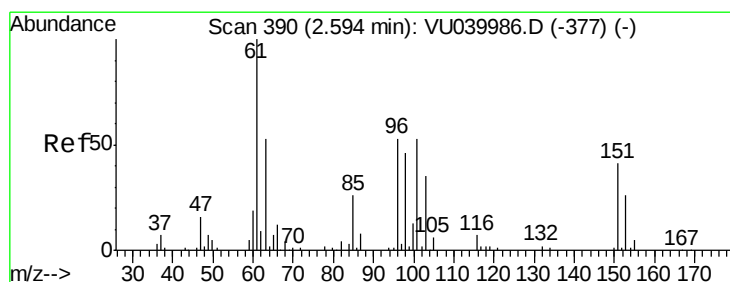
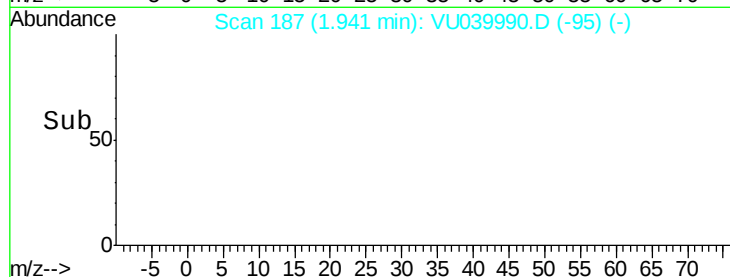
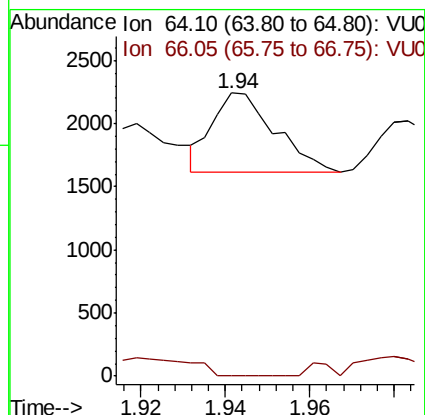
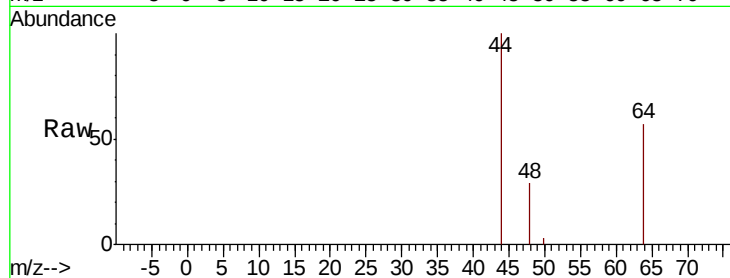
H0AB2

Tot Ion: 64 Resp: 653

Ion Ratio Lower Upper

64 100

66 0.0 22.6 42.0#



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.62 min Scan# 399

Delta R.T. 0.03 min

Lab File: VU039990.D

Acq: 27 Aug 2020 14:10

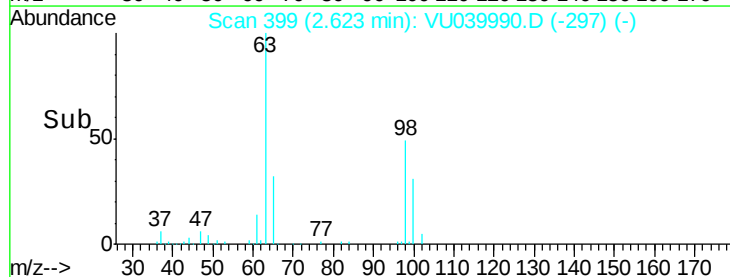
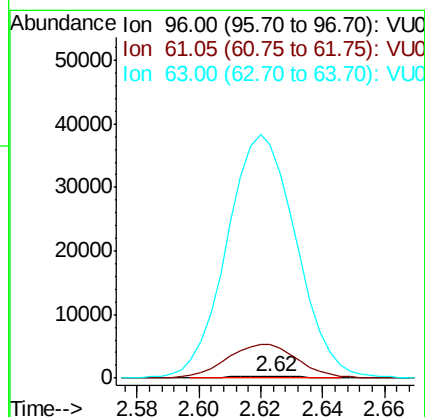
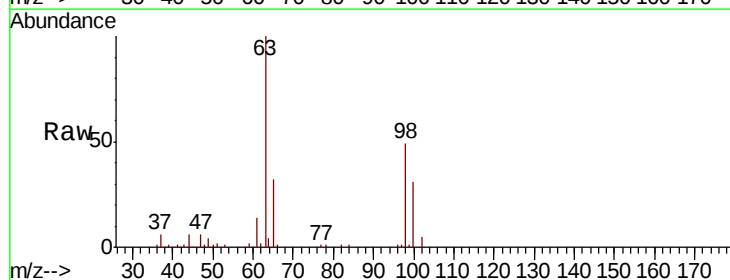
Tgt Ion: 96 Resp: 455

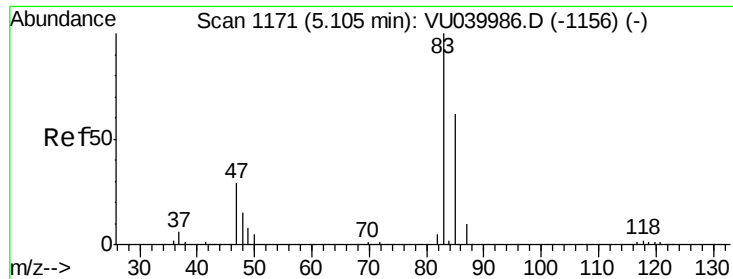
Ion Ratio Lower Upper

96 100

61 2037.7 126.8 235.4#

63 14153.8 88.6 164.6#





#25

Chloroform

Concen: 0.960 ug/L

RT: 5.16 min Scan# 1189

Delta R.T. 0.06 min

Lab File: VU039990.D

Acq: 27 Aug 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

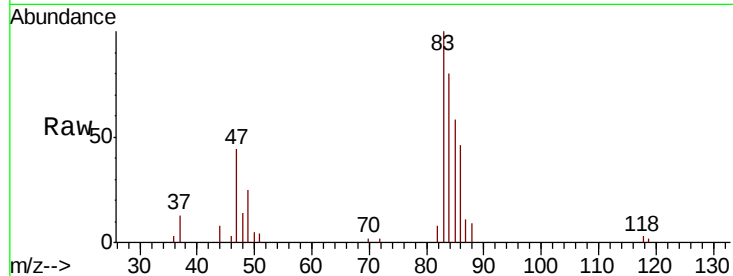
H0AB2

Tot Ion: 83 Resp: 14010

Ion Ratio Lower Upper

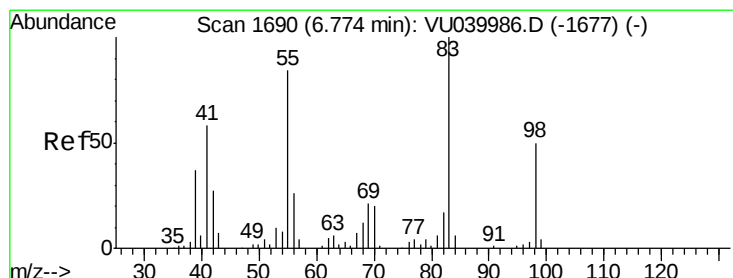
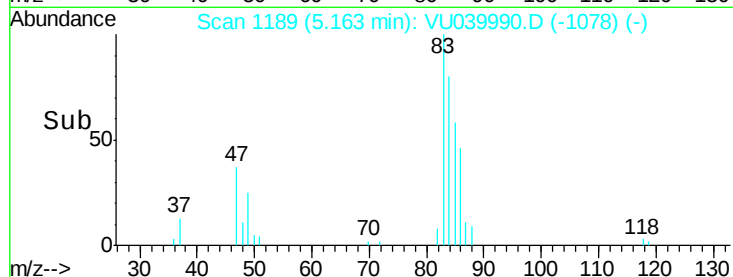
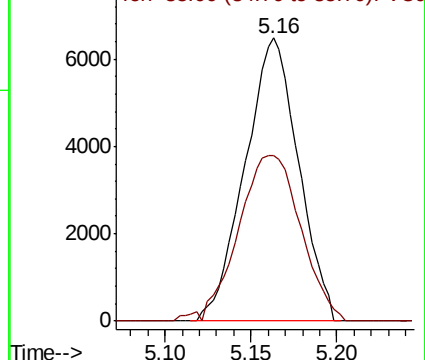
83 100

85 58.4 46.4 86.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.75 min Scan# 1682

Delta R.T. -0.03 min

Lab File: VU039990.D

Acq: 27 Aug 2020 14:10

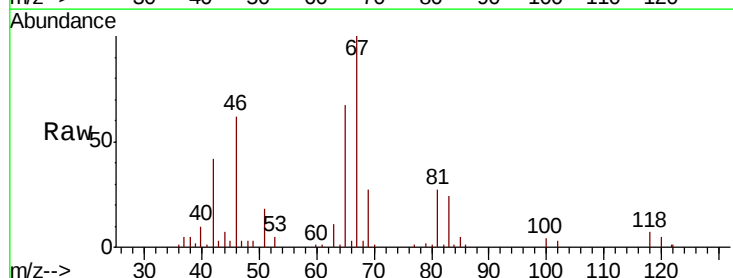
Tgt Ion: 83 Resp: 8978

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

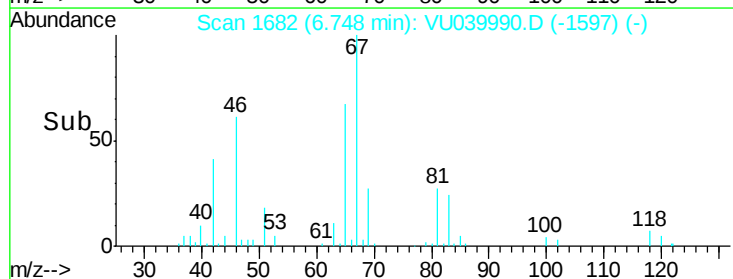
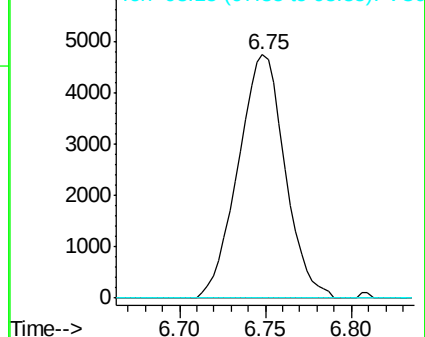
98 8.6 39.4 59.0#

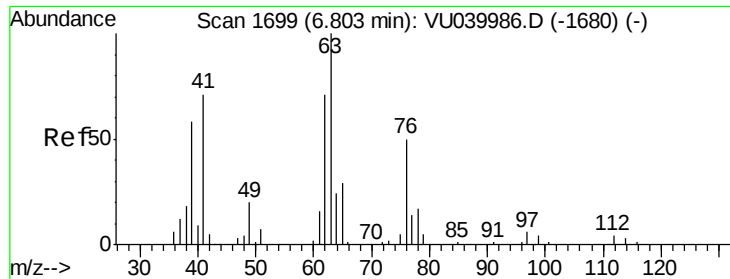


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

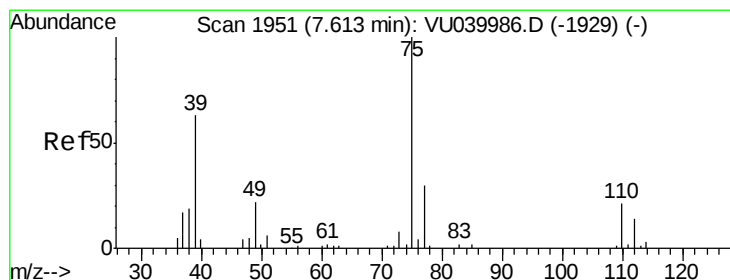
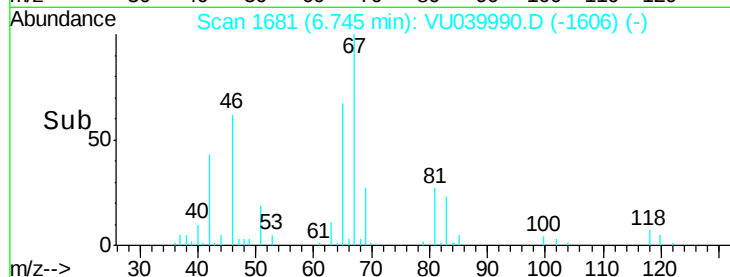
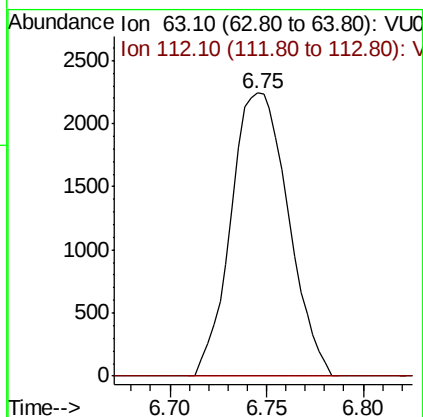
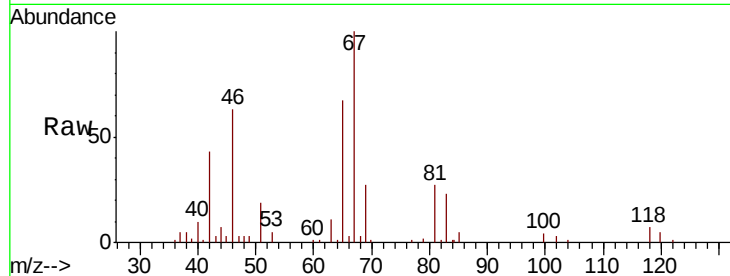




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.75 min Scan# 1681
 Delta R.T. -0.06 min
 Lab File: VU039990.D
 Acq: 27 Aug 2020 14:10

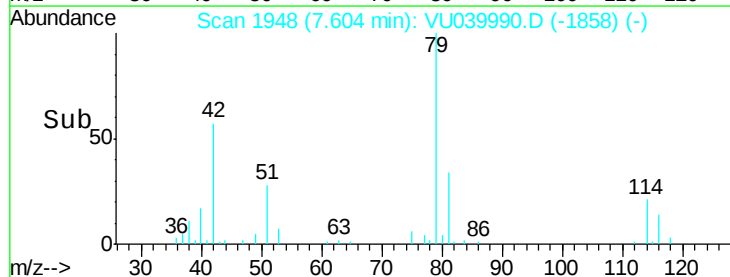
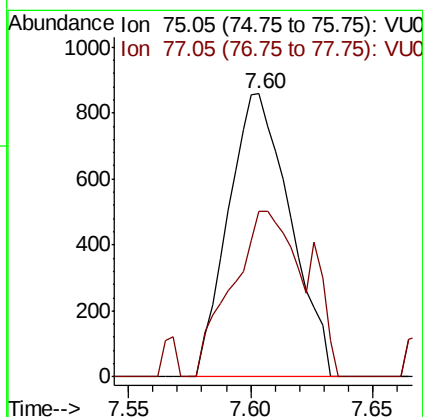
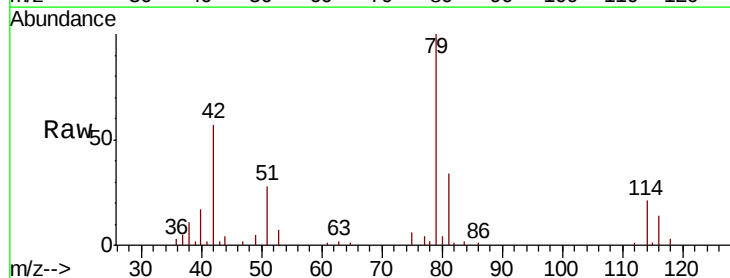
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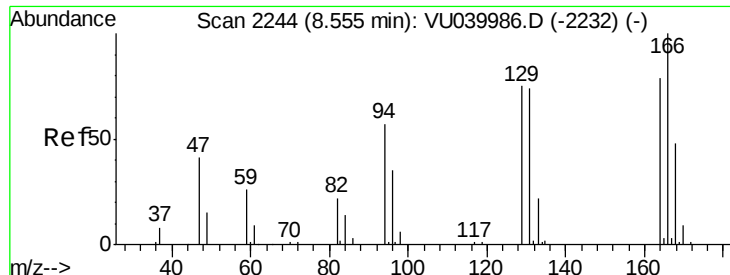
Tot Ion: 63 Resp: 4614
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: VU039990.D
 Acq: 27 Aug 2020 14:10

Tgt Ion: 75 Resp: 1510
 Ion Ratio Lower Upper
 75 100
 77 58.7 22.6 42.0#





#47

Tetrachloroethene

Concen: 0.638 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.02 min

Lab File: VU039990.D

Acq: 27 Aug 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

H0AB2

Tot Ion:164 Resp: 3706

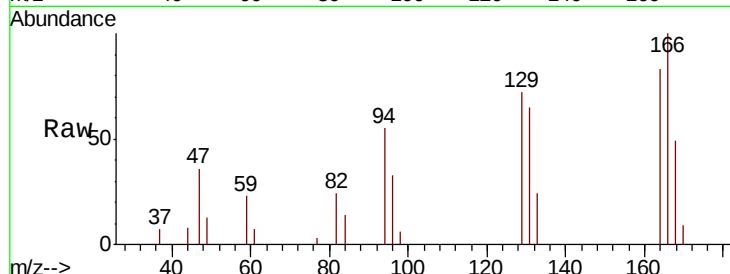
Ion Ratio Lower Upper

164 100

129 86.2 69.1 128.3

131 78.2 66.0 122.6

166 119.9 94.0 174.6

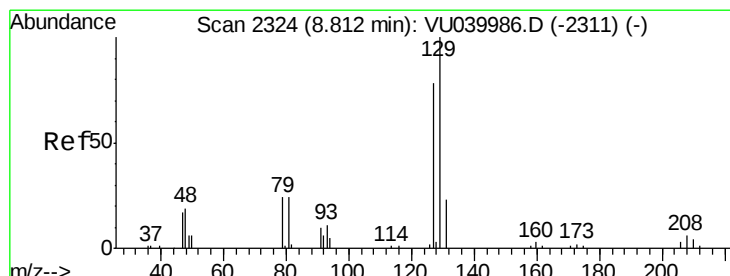
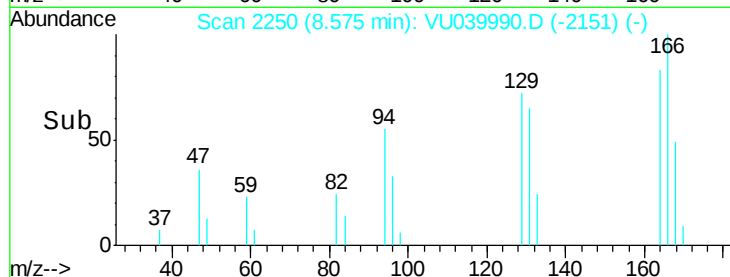
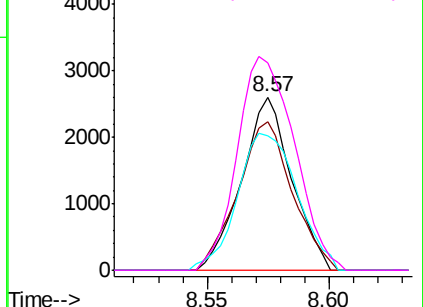


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.475 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.24 min

Lab File: VU039990.D

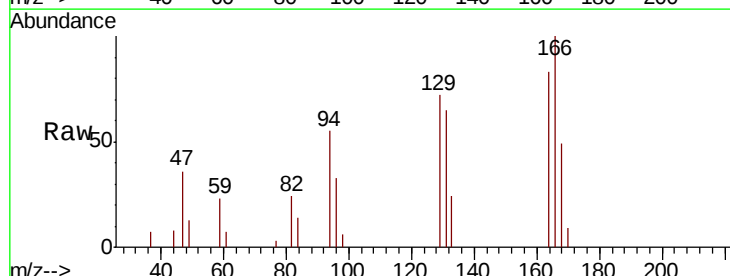
Acq: 27 Aug 2020 14:10

Tgt Ion:129 Resp: 3475

Ion Ratio Lower Upper

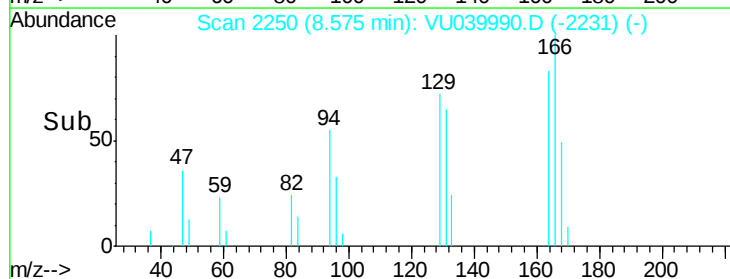
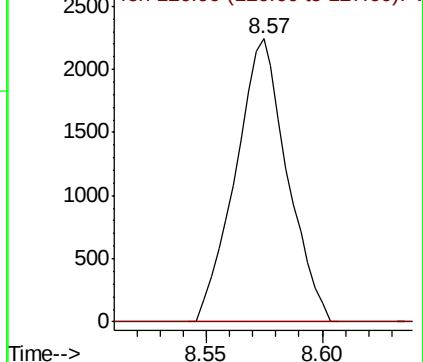
129 100

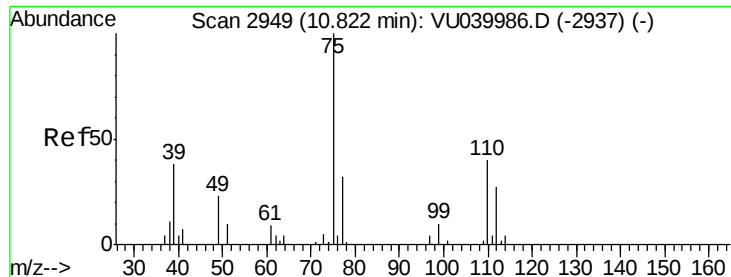
127 0.0 53.1 98.7#



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: 1.018 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039990.D

Acq: 27 Aug 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

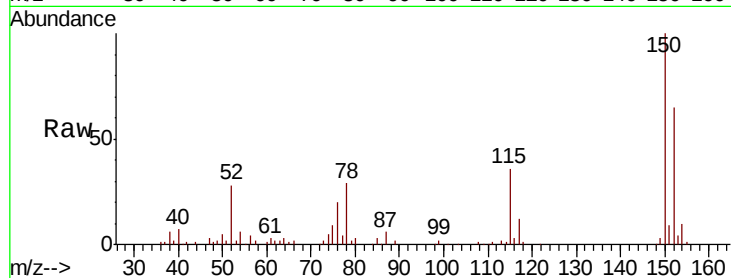
H0AB2

Tot Ion: 75 Resp: 5882

Ion Ratio Lower Upper

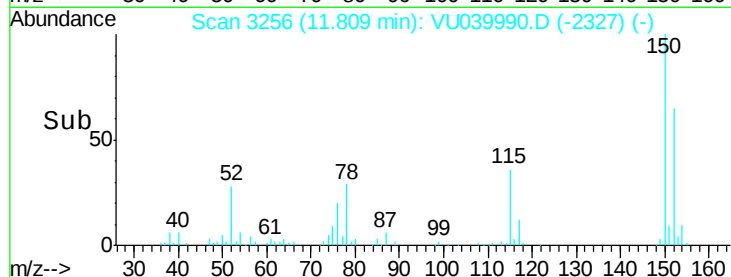
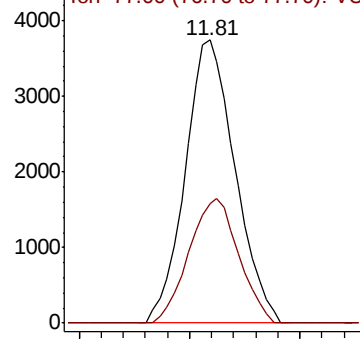
75 100

77 43.8 27.4 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->