

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039111.D
 Acq On : 25 Jun 2020 13:20
 Operator : SY/MD
 Sample : L3110-14RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F41

Quant Time: Jun 26 01:01:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	105737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85635	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	84437	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.59	63	136465	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.68	46	403866	60.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.74%
24) Chloroform-d	5.10	84	195356	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.74	65	119315	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.76	84	366543	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.72	67	124290	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	277743	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.20	79	49240	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.66	63	301567	57.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110152	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	112985	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

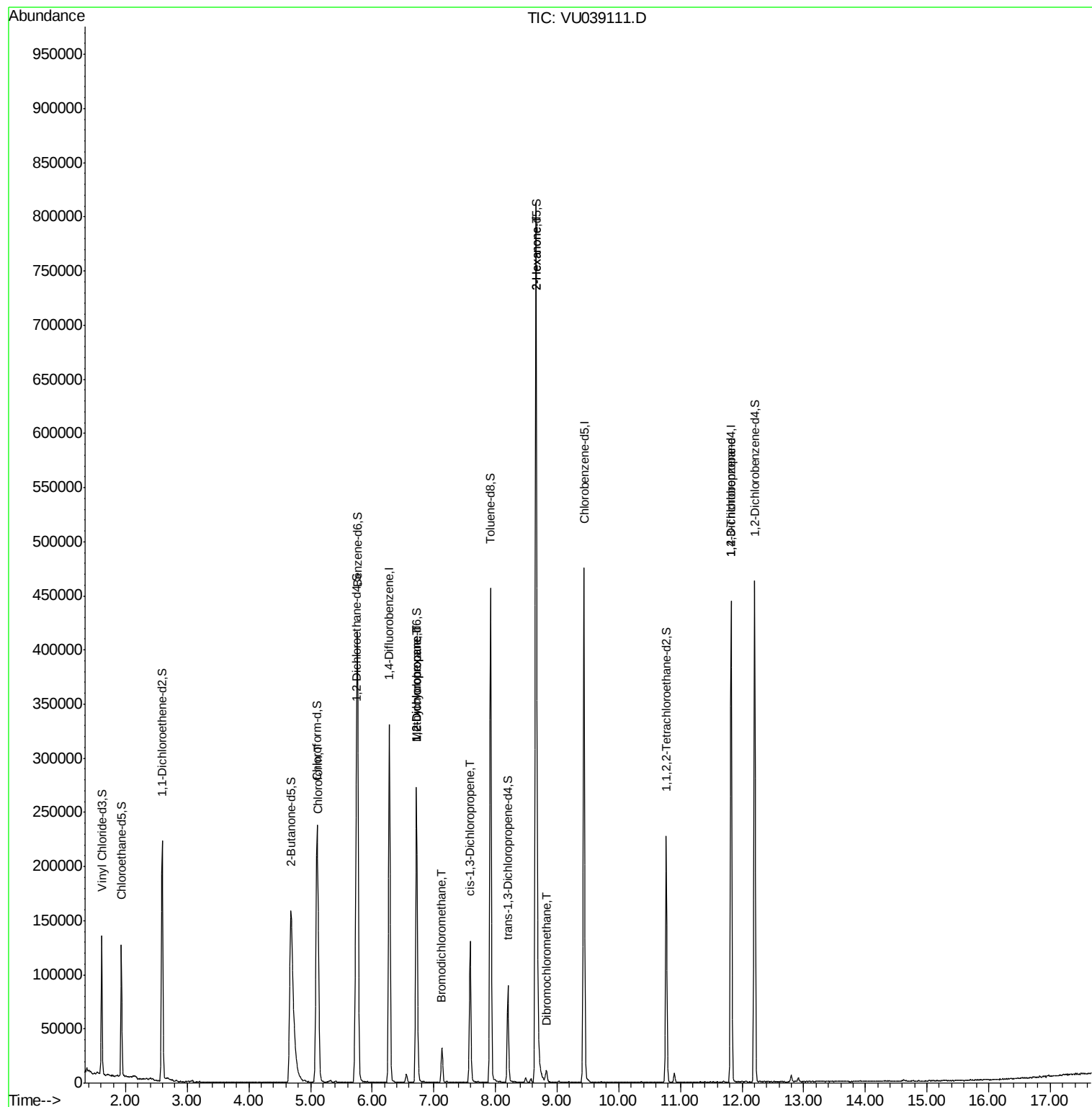
					Ovalue
25) Chloroform	5.12	83	85246	2.294 ug/L	96
35) Methylcyclohexane	6.72	83	29192	1.028 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14525	0.678 ug/L #	87
38) Bromodichloromethane	7.13	83	21209	0.794 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	3556	0.120 ug/L #	79
48) 2-Hexanone	8.66	43	39474	3.366 ug/L #	69
49) Dibromochloromethane	8.83	129	4919	0.284 ug/L	86
59) 1,2,3-Trichloropropane	11.82	75	16173	1.001 ug/L	96

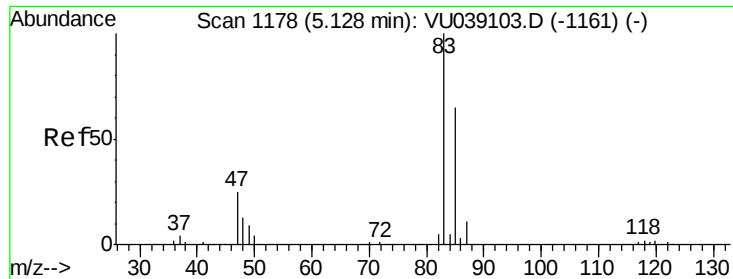
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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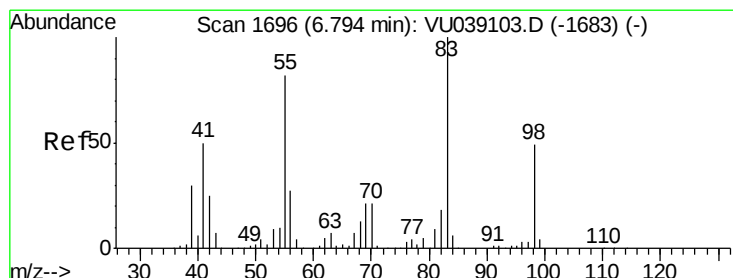
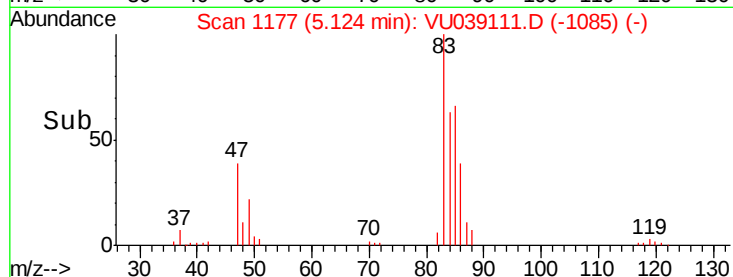
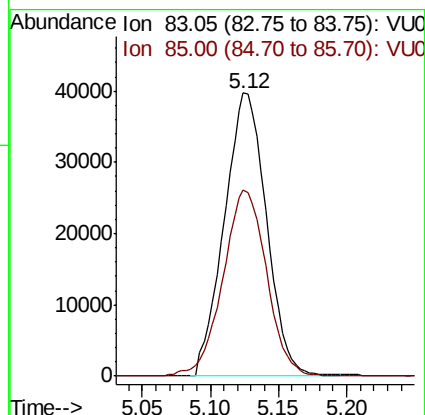
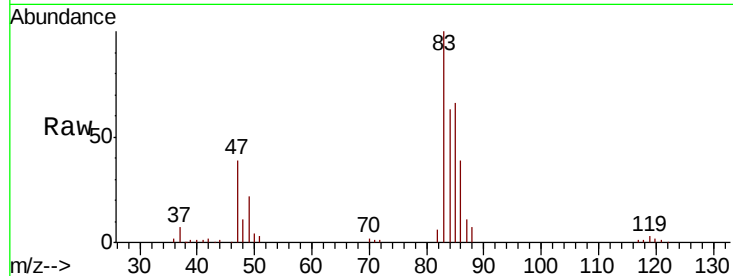




#25
Chloroform
Concen: 2.294 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039111.D
Acq: 25 Jun 2020 13:20

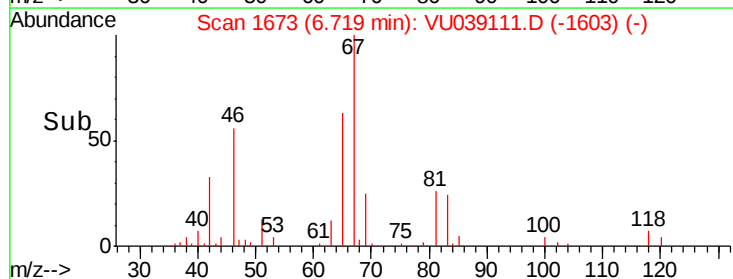
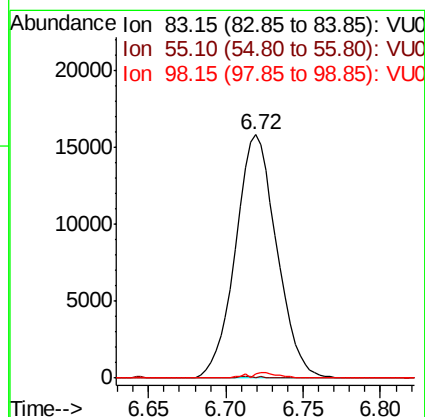
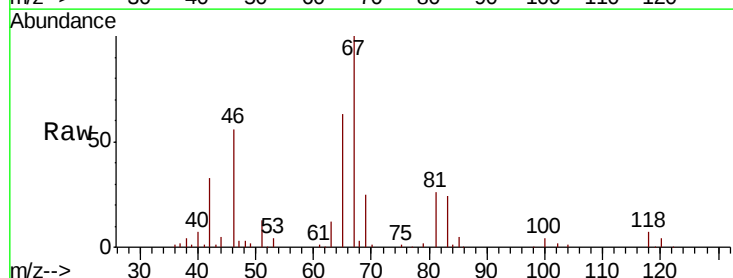
Instrument :
MSVOA_U
ClientSampleId :
F9F41

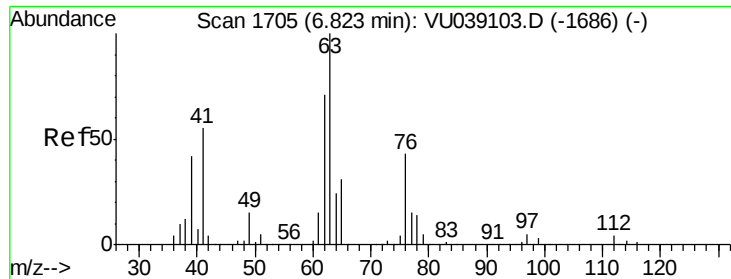
Tot Ion: 83 Resp: 85246
Ion Ratio Lower Upper
83 100
85 65.7 43.8 81.4



#35
Methylcyclohexane
Concen: 1.028 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039111.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 83 Resp: 29192
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.1 36.5 54.7#

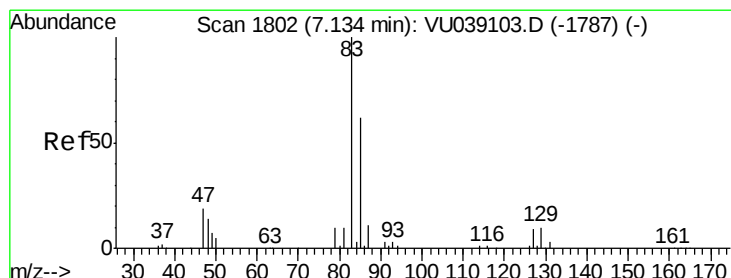
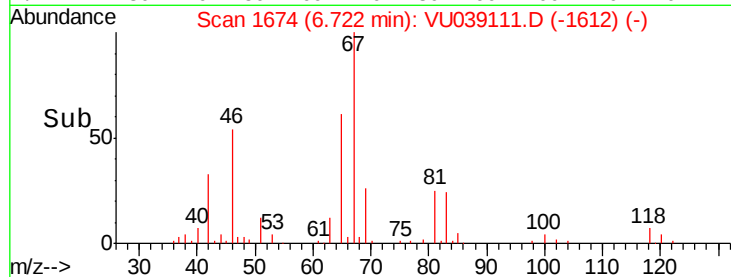
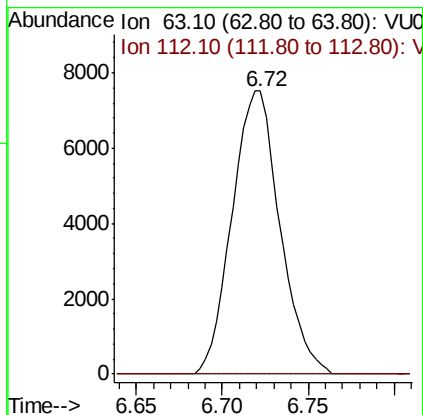
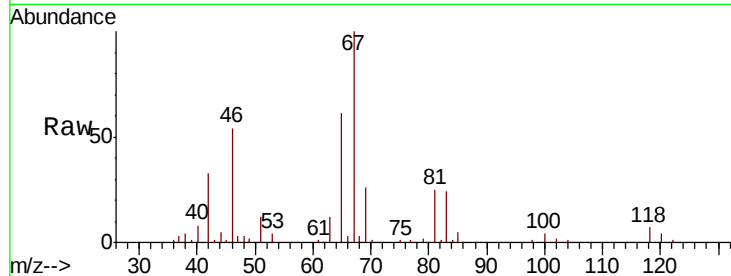




#37
 1,2-Dichloropropane
 Concen: 0.678 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039111.D
 Acq: 25 Jun 2020 13:20

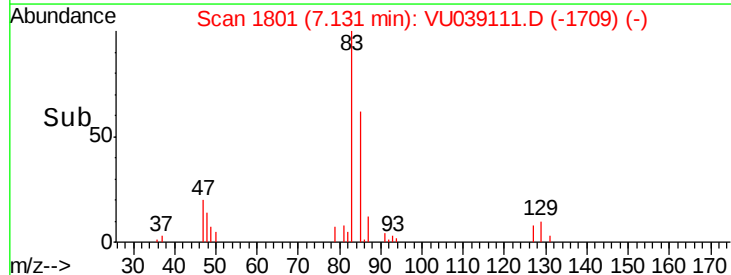
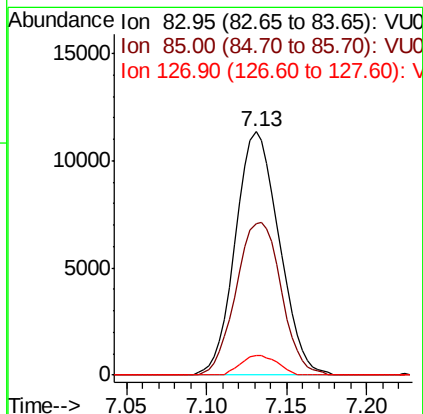
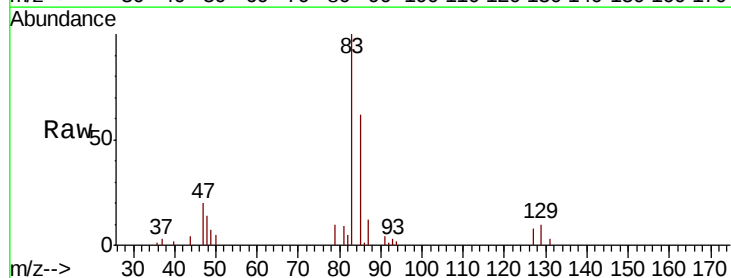
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F41

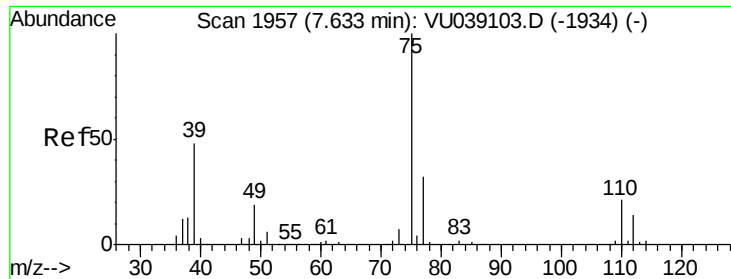
Tot Ion: 63 Resp: 14525
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.794 ug/L
 RT: 7.13 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VU039111.D
 Acq: 25 Jun 2020 13:20

Tgt Ion: 83 Resp: 21209
 Ion Ratio Lower Upper
 83 100
 85 62.4 44.9 83.3
 127 8.3 6.3 9.5



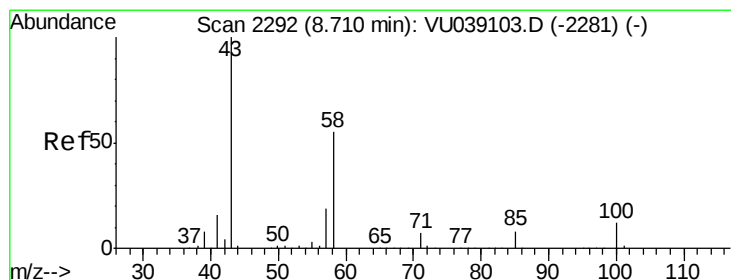
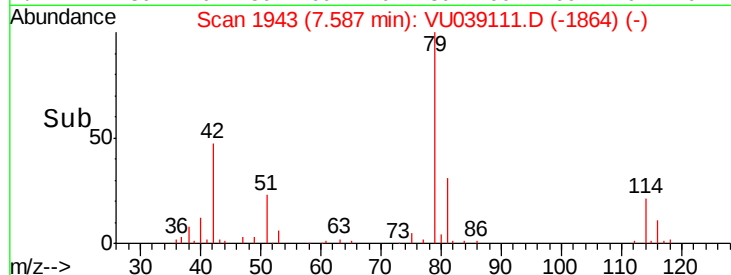
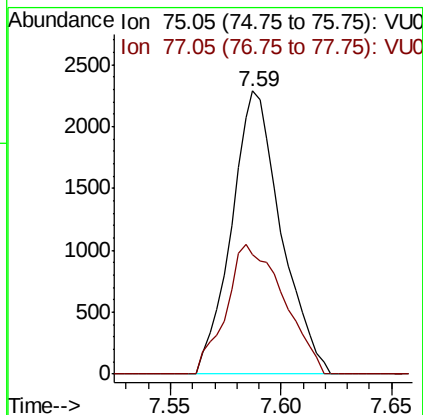
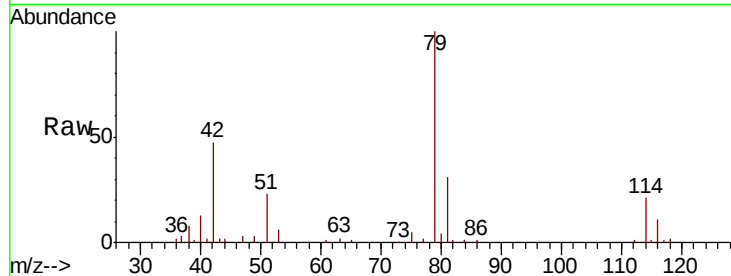


#39

cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU039111.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_U
ClientSampled :
F9F41

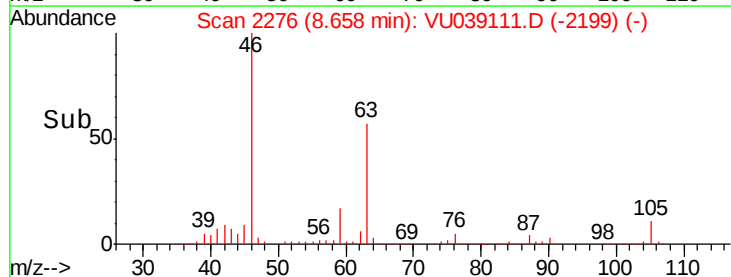
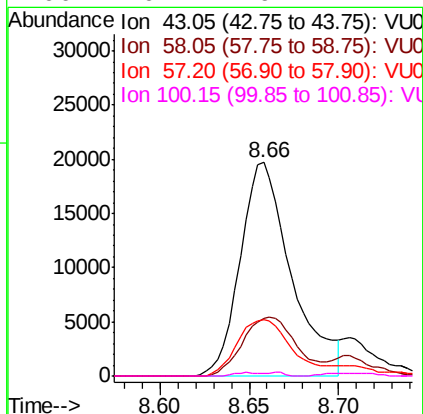
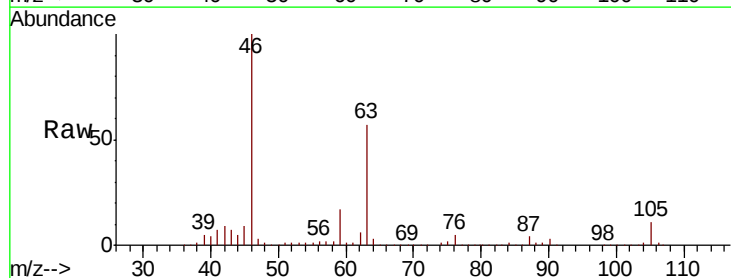
Tot Ion: 75 Resp: 3556
Ion Ratio Lower Upper
75 100
77 42.2 21.6 40.0#

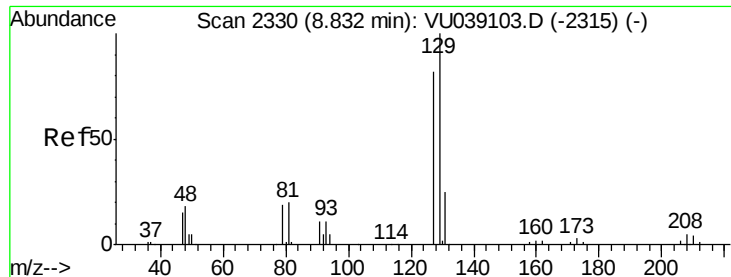


#48

2-Hexanone
Concen: 3.366 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU039111.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 43 Resp: 39474
Ion Ratio Lower Upper
43 100
58 29.2 44.0 66.0#
57 27.7 15.0 22.6#
100 0.4 9.4 14.2#





#49

Dibromochloromethane

Concen: 0.284 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU039111.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

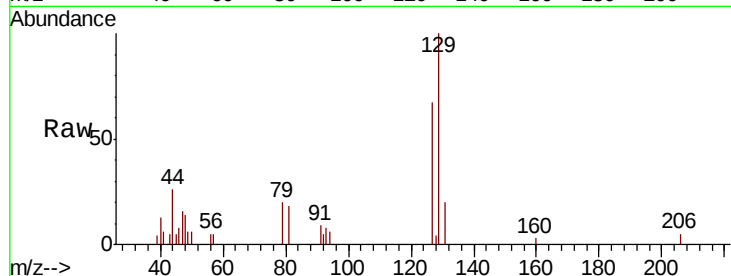
F9F41

Tot Ion:129 Resp: 4919

Ion Ratio Lower Upper

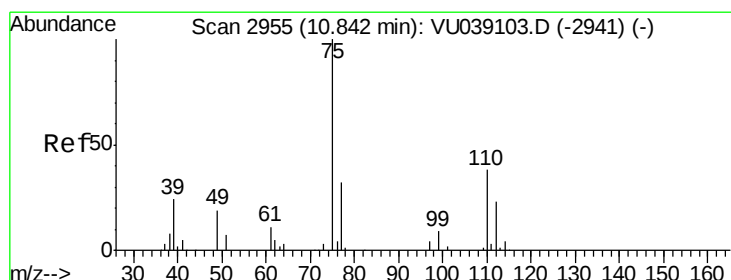
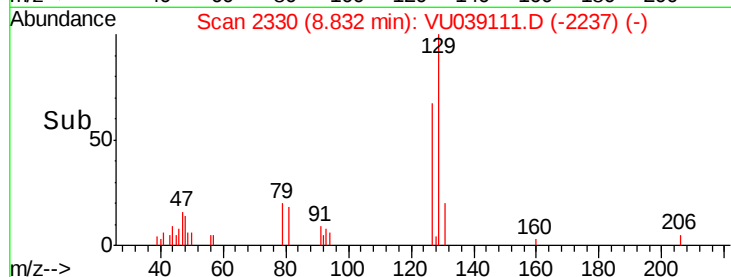
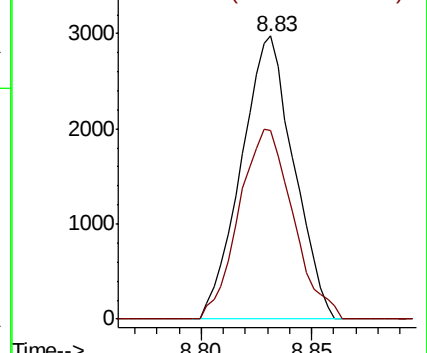
129 100

127 66.8 55.4 103.0



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: 1.001 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039111.D

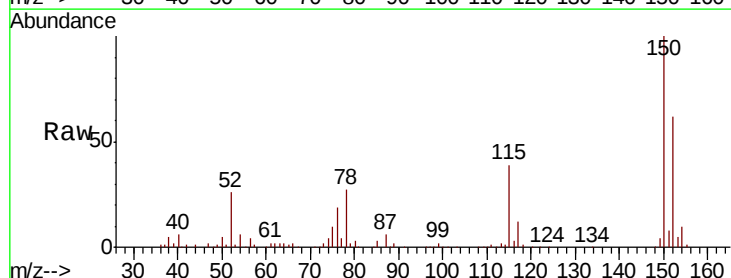
Acq: 25 Jun 2020 13:20

Tgt Ion: 75 Resp: 16173

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

