

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039077.D
 Acq On : 24 Jun 2020 22:00
 Operator : SY/MD
 Sample : L3110-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F41

Quant Time: Jun 25 02:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	255653	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108718	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91706	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	84563	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.59	63	138044	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.68	46	423913	64.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.68%
24) Chloroform-d	5.10	84	198900	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.74	65	123785	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	376742	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.72	67	126824	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	294542	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	51788	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.66	63	318712	59.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116990	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	116097	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

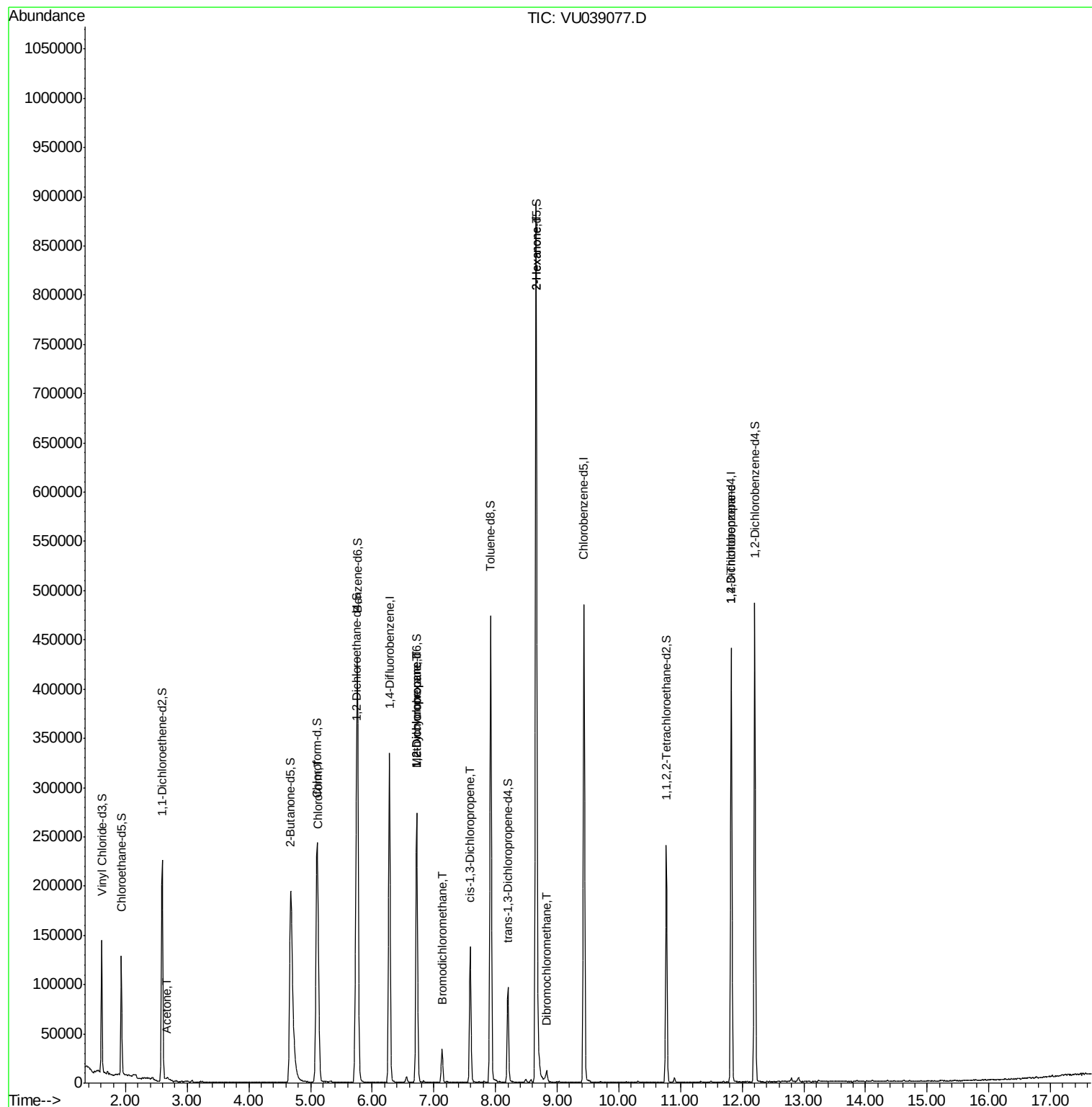
					Ovalue
13) Acetone	2.68	43	3900	0.872 ug/L	78
25) Chloroform	5.12	83	88093	2.387 ug/L	98
35) Methylcyclohexane	6.72	83	29059	1.008 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14833	0.682 ug/L #	87
38) Bromodichloromethane	7.13	83	21686	0.799 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	3243	0.108 ug/L #	47
48) 2-Hexanone	8.66	43	40277	3.383 ug/L #	70
49) Dibromochloromethane	8.83	129	5539	0.315 ug/L	86
59) 1,2,3-Trichloropropane	11.82	75	14586	0.889 ug/L	90

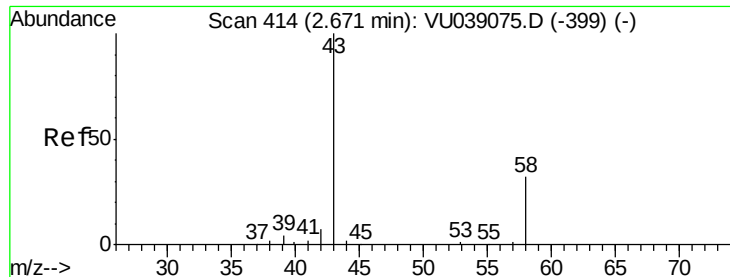
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 02:33:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.872 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU039077.D

Acq: 24 Jun 2020 22:00

Instrument :

MSVOA_U

ClientSampled :

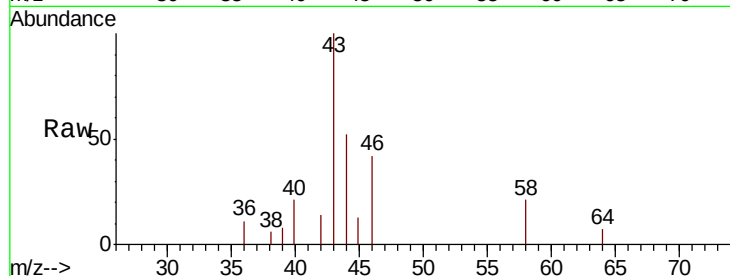
F9F41

Tot Ion: 43 Resp: 3900

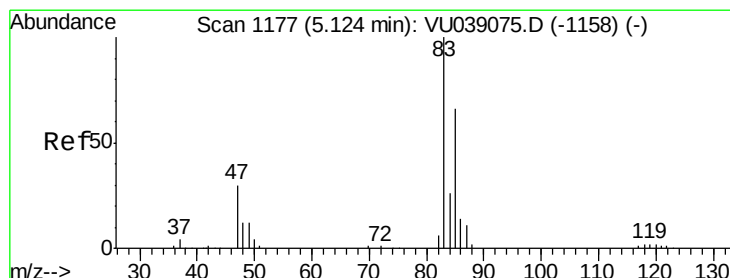
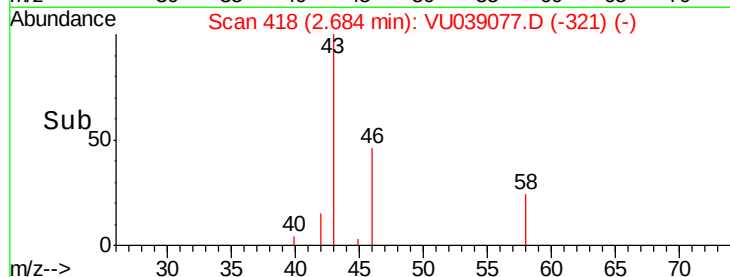
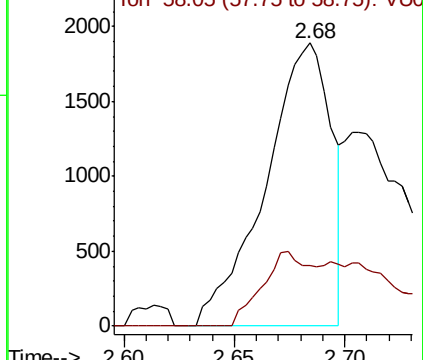
Ion Ratio Lower Upper

43 100

58 19.8 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039077.D (-321) (-)



#25

Chloroform

Concen: 2.387 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039077.D

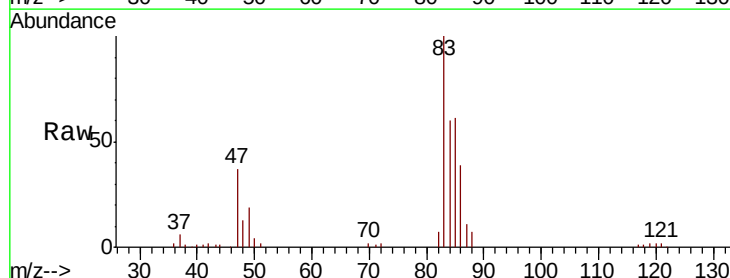
Acq: 24 Jun 2020 22:00

Tgt Ion: 83 Resp: 88093

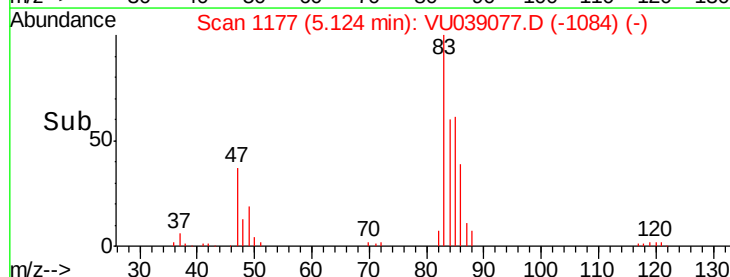
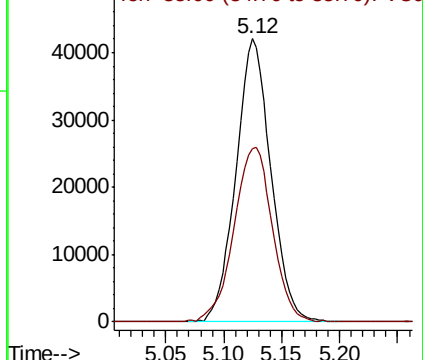
Ion Ratio Lower Upper

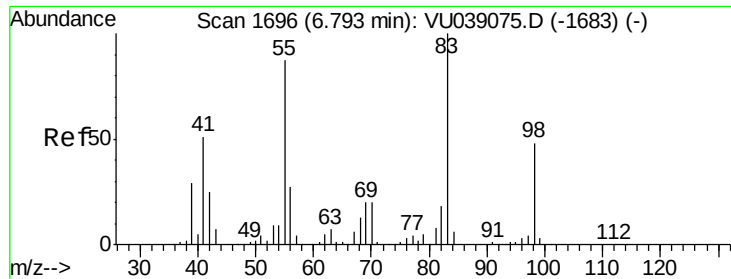
83 100

85 61.4 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VU039077.D (-1084) (-)

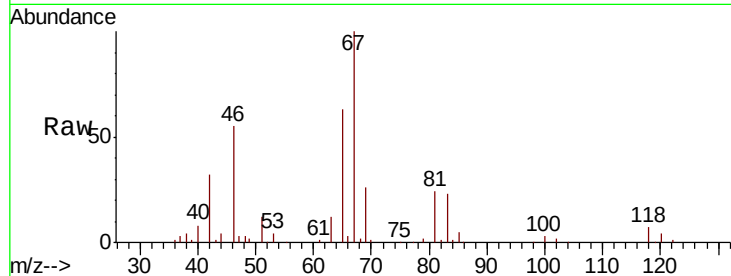




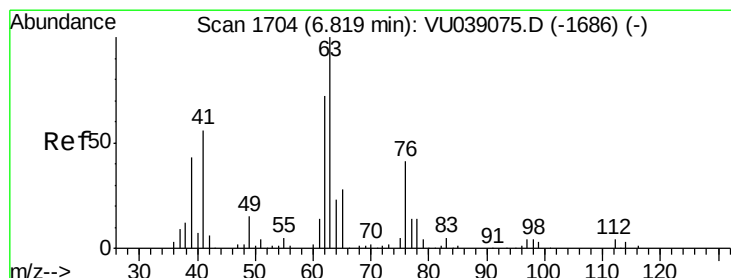
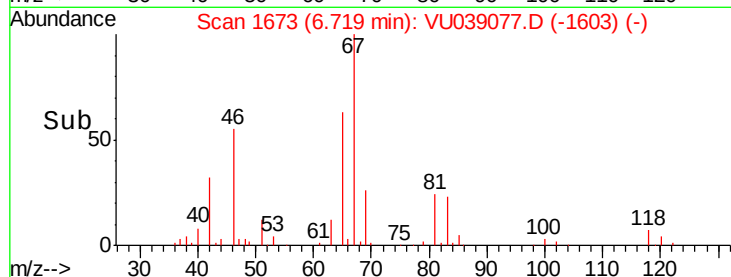
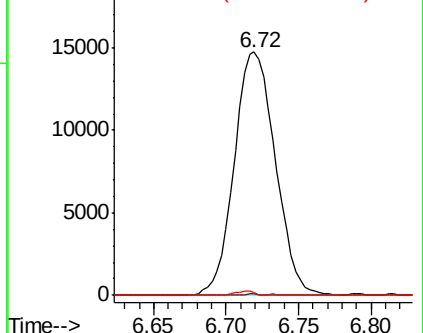
#35
Methylvlcyclohexane
Concen: 1.008 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039077.D
Acq: 24 Jun 2020 22:00

Instrument :
MSVOA_U
ClientSampleId :
F9F41

Tot Ion: 83 Resp: 29059
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 0.8 36.5 54.7#

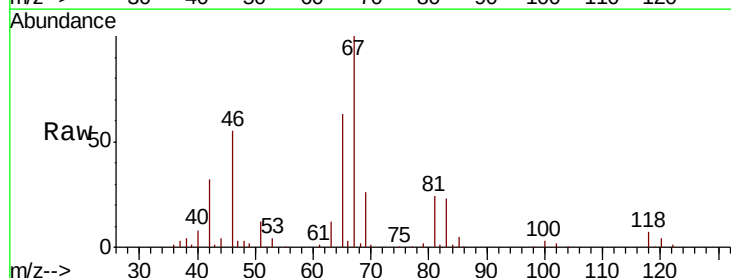


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

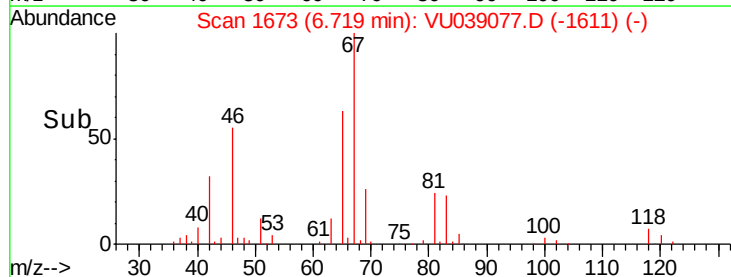
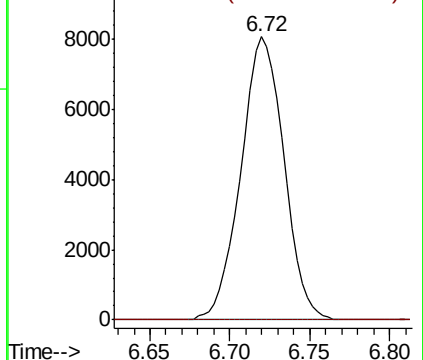


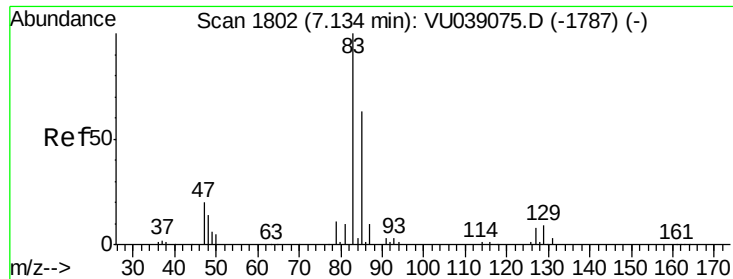
#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039077.D
Acq: 24 Jun 2020 22:00

Tgt Ion: 63 Resp: 14833
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

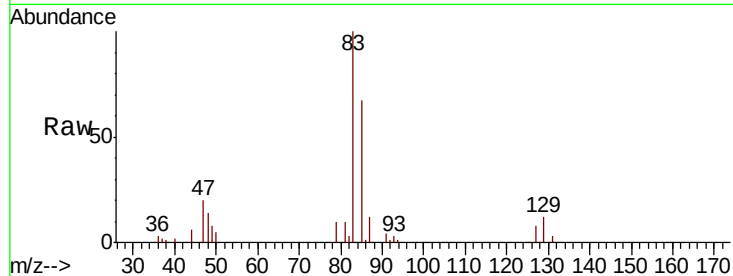




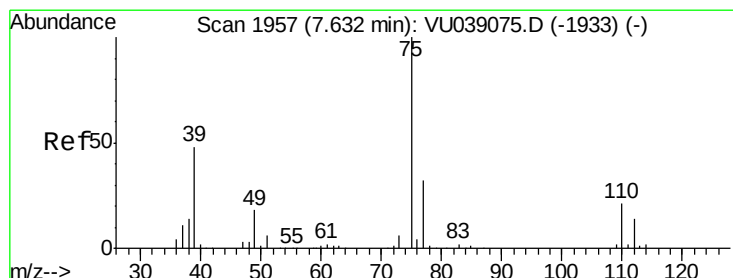
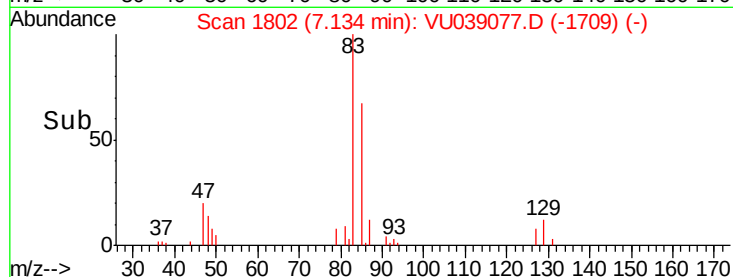
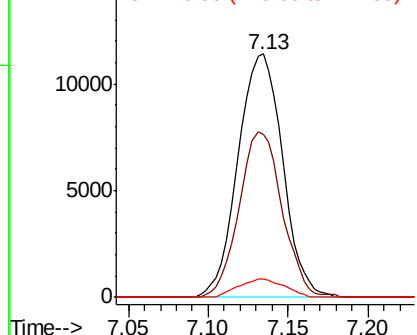
#38
Bromodichloromethane
Concen: 0.799 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU039077.D
Acq: 24 Jun 2020 22:00

Instrument :
MSVOA_U
ClientSampleId :
F9F41

Tot Ion: 83 Resp: 21686
Ion Ratio Lower Upper
83 100
85 67.2 44.9 83.3
127 7.5 6.3 9.5

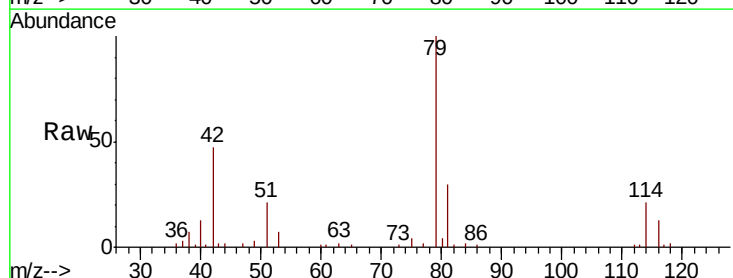


Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 126.90 (126.60 to 127.60): V

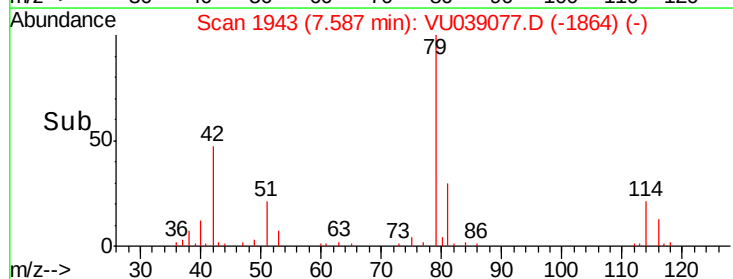
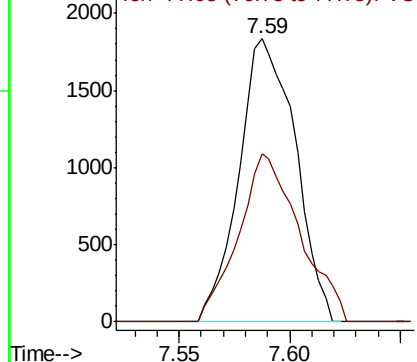


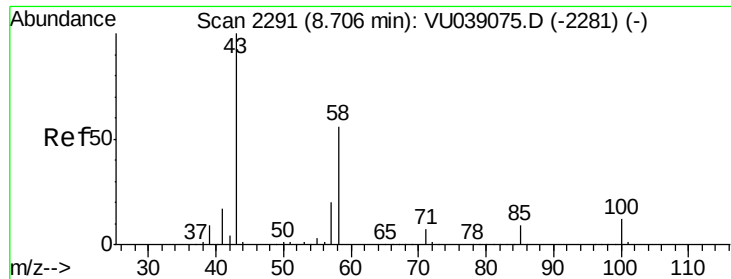
#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU039077.D
Acq: 24 Jun 2020 22:00

Tgt Ion: 75 Resp: 3243
Ion Ratio Lower Upper
75 100
77 59.6 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

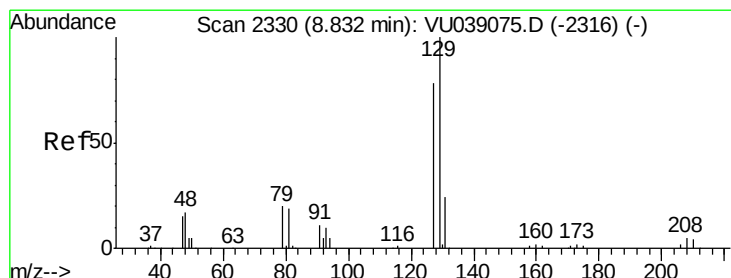
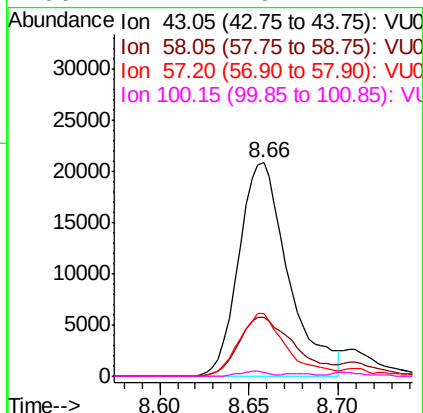
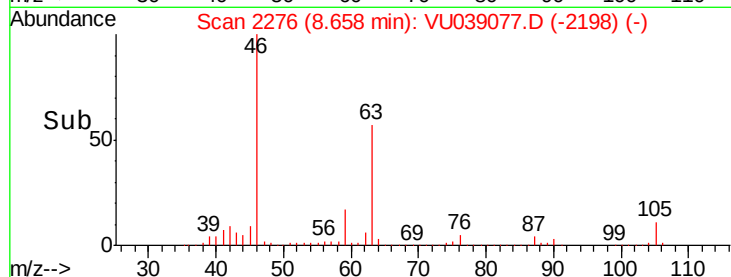
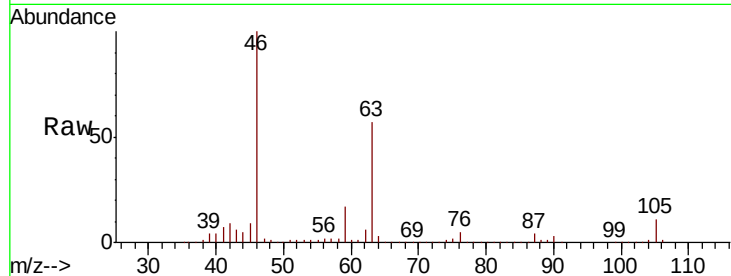




#48
2-Hexanone
Concen: 3.383 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU039077.D
Acq: 24 Jun 2020 22:00

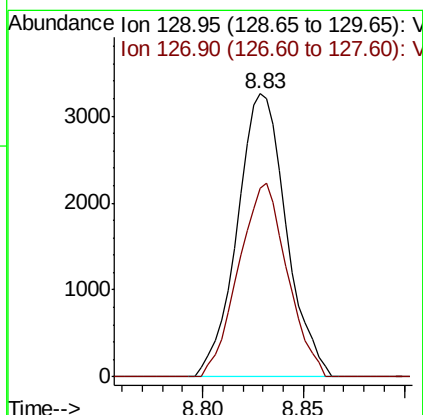
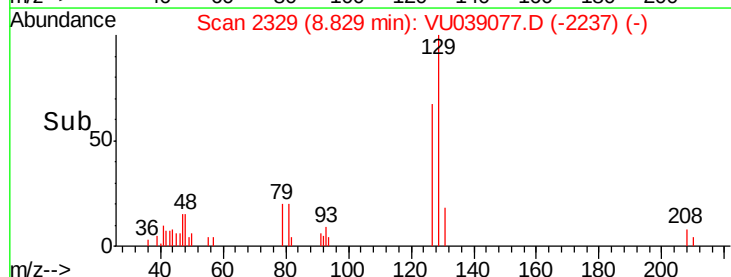
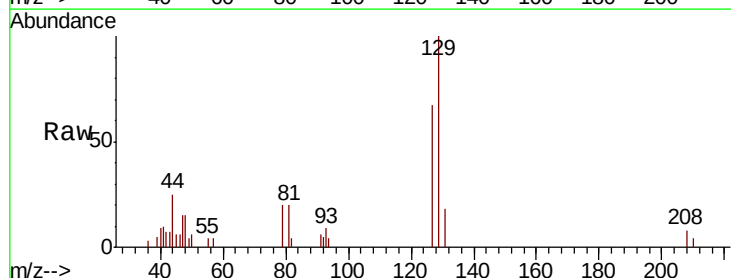
Instrument :
MSVOA_U
ClientSampleId :
F9F41

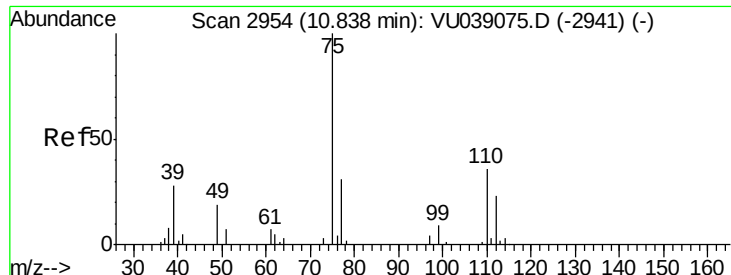
Tot Ion:	43	Resp:	40277
Ion	Ratio	Lower	Upper
43	100		
58	31.0	44.0	66.0#
57	28.3	15.0	22.6#
100	1.2	9.4	14.2#



#49
Dibromochloromethane
Concen: 0.315 ug/L
RT: 8.83 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VU039077.D
Acq: 24 Jun 2020 22:00

Tgt Ion:	129	Resp:	5539
Ion	Ratio	Lower	Upper
129	100		
127	66.7	55.4	103.0





#59

1,2,3-Trichloropropane

Concen: 0.889 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039077.D

Acq: 24 Jun 2020 22:00

Instrument :

MSVOA_U

ClientSampleId :

F9F41

Tot Ion: 75 Resp: 14586

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2

