

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038063.D
 Acq On : 08 May 2020 01:29
 Operator : JC/MD
 Sample : L2528-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	368821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	363281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149068	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	125291	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.59	63	180900	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	336867	40.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.94%
24) Chloroform-d	5.10	84	203730	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.74	65	129933	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	498545	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	158614	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.92	98	441725	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.20	79	55374	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.66	63	284365	42.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119090	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	152947	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

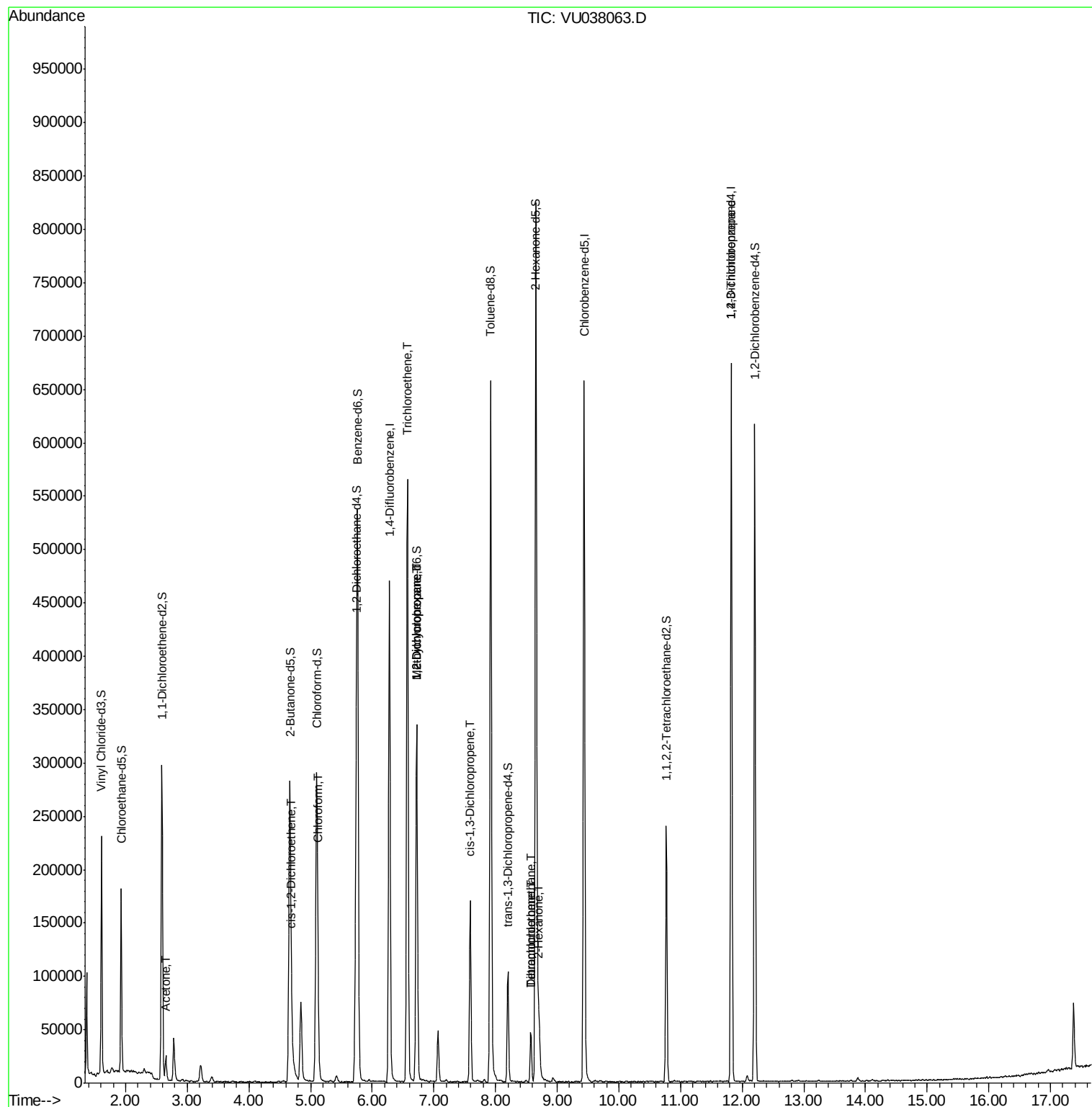
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	26160	5.009	ug/L	97
22) cis-1,2-Dichloroethene	4.70	96	3650	0.121	ug/L	90
25) Chloroform	5.12	83	27002	0.530	ug/L	98
34) Trichloroethene	6.57	95	190491	6.547	ug/L	97
35) Methylcyclohexane	6.72	83	35845	0.761	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16152	0.511	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3634	0.080	ug/L #	68
47) Tetrachloroethene	8.57	164	10647	0.523	ug/L	96
48) 2-Hexanone	8.71	43	34680	2.162	ug/L	96
49) Dibromochloromethane	8.57	129	9589	0.421	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	23410	1.104	ug/L	92

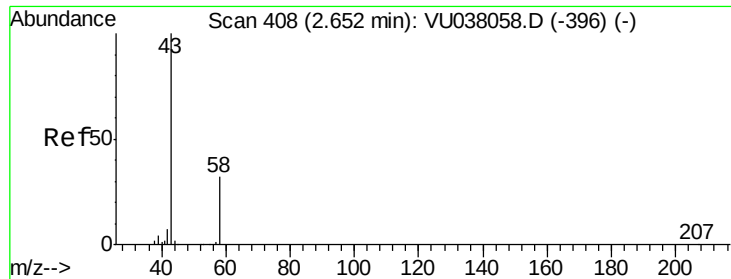
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.009 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU038063.D

Acq: 08 May 2020 01:29

Instrument :

MSVOA_U

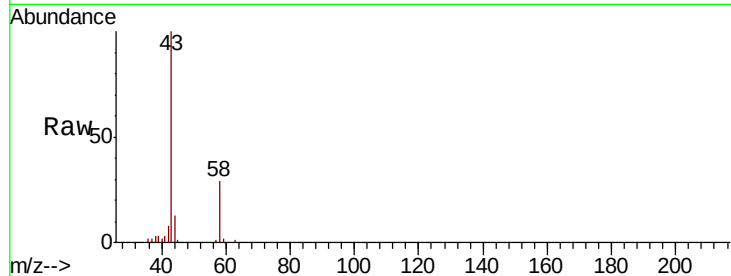
ClientSampleId :

Tot Ion: 43 Resp: 26160

Ion Ratio Lower Upper

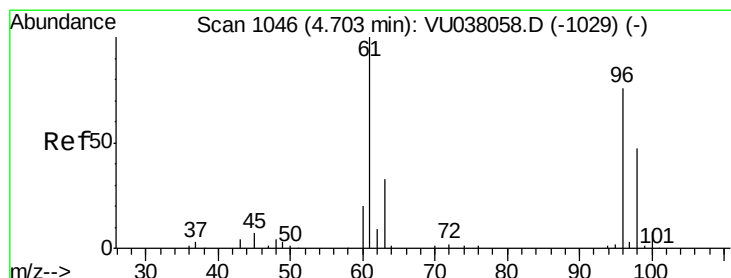
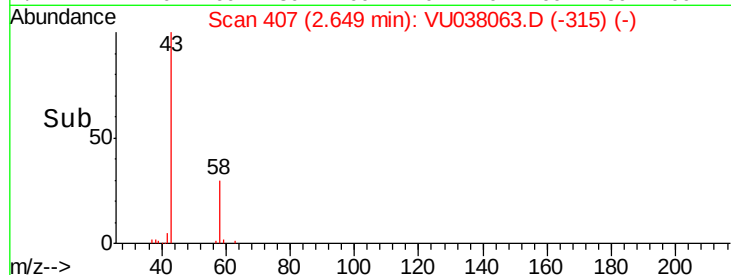
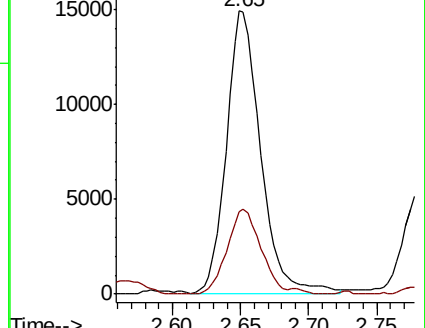
43 100

58 30.1 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038058.D (-396) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VU038063.D

Acq: 08 May 2020 01:29

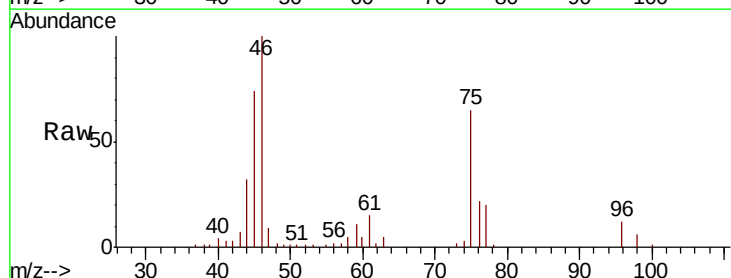
Tgt Ion: 96 Resp: 3650

Ion Ratio Lower Upper

96 100

61 124.3 95.3 176.9

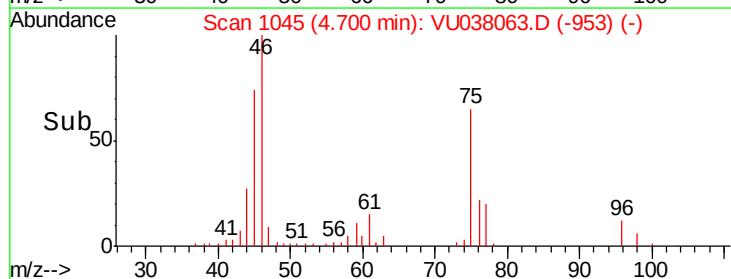
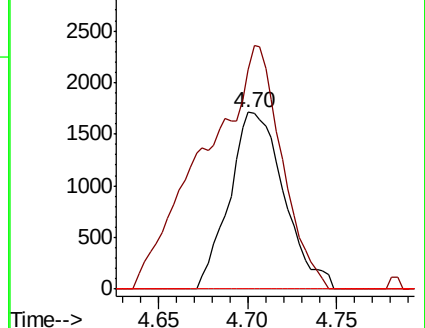
68 0.0 0.0 0.0

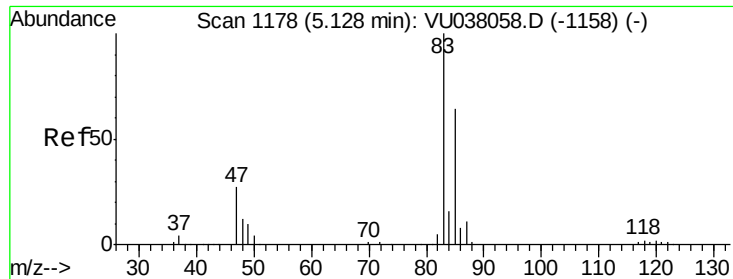


Abundance Ion 96.00 (95.70 to 96.70): VU038058.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038058.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038058.D (-1029) (-)

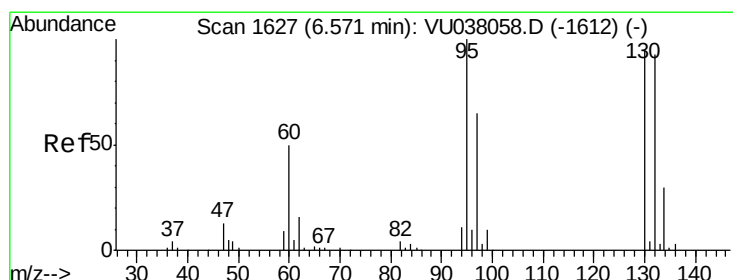
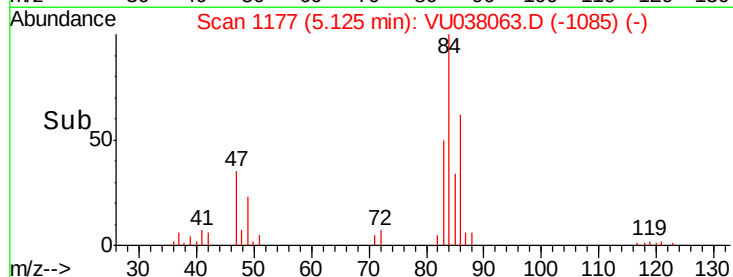
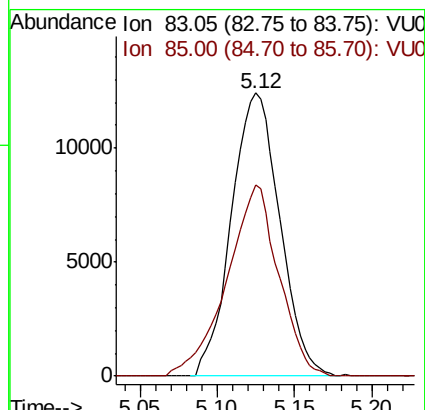
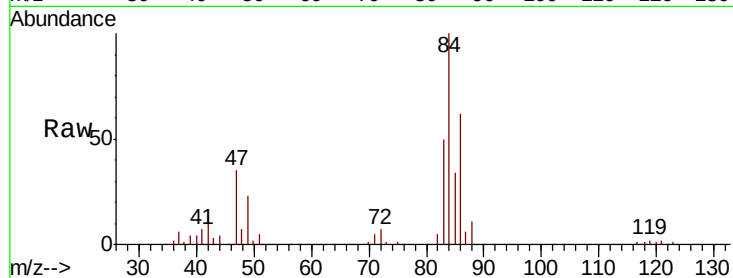




#25
Chloroform
Concen: 0.530 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038063.D
Acq: 08 May 2020 01:29

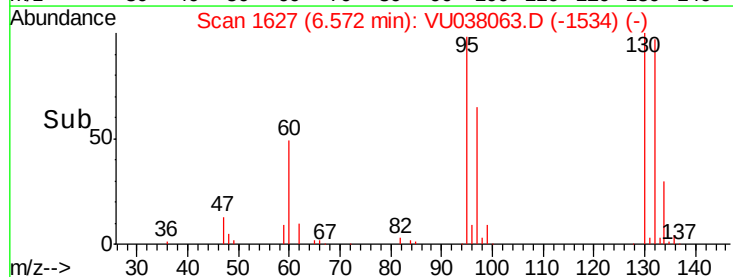
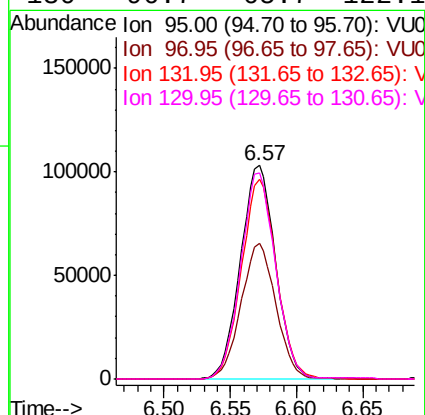
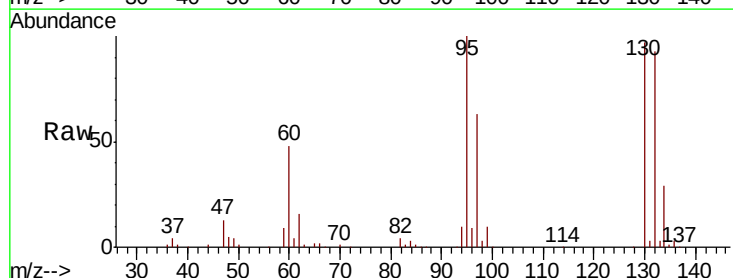
Instrument :
MSVOA_U
ClientSampled :

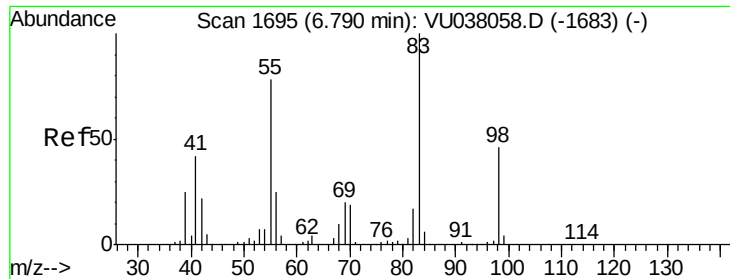
Tot Ion: 83 Resp: 27002
Ion Ratio Lower Upper
83 100
85 67.5 46.2 85.8



#34
Trichloroethene
Concen: 6.547 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038063.D
Acq: 08 May 2020 01:29

Tgt Ion: 95 Resp: 190491
Ion Ratio Lower Upper
95 100
97 63.4 44.9 83.3
132 93.5 63.3 117.5
130 96.7 65.7 122.1

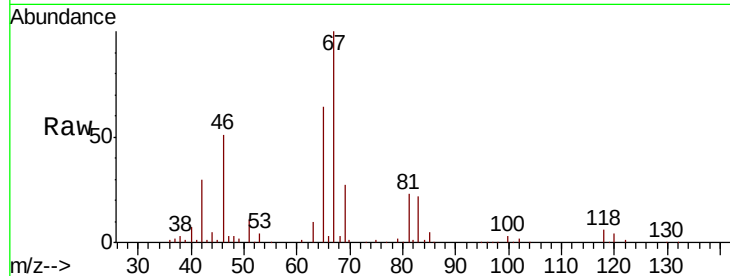




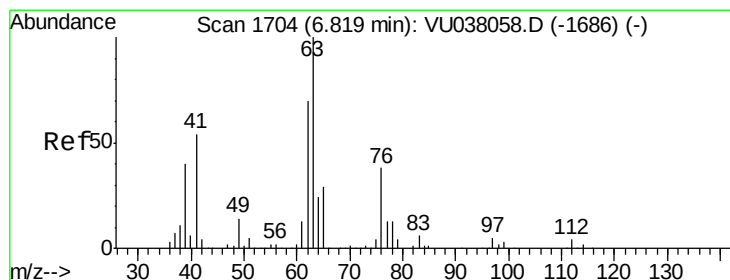
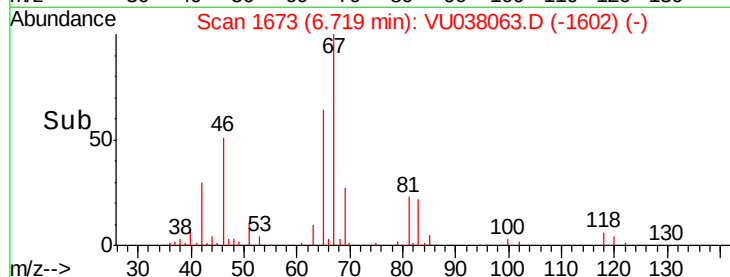
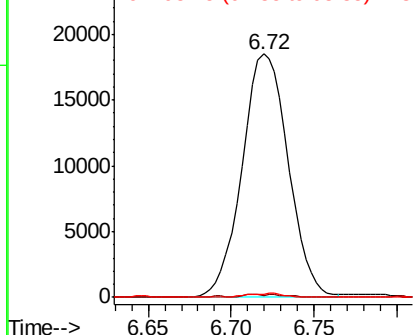
#35
Methylvlcyclohexane
Concen: 0.761 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038063.D
Acq: 08 May 2020 01:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 35845
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 1.2 39.4 59.2#

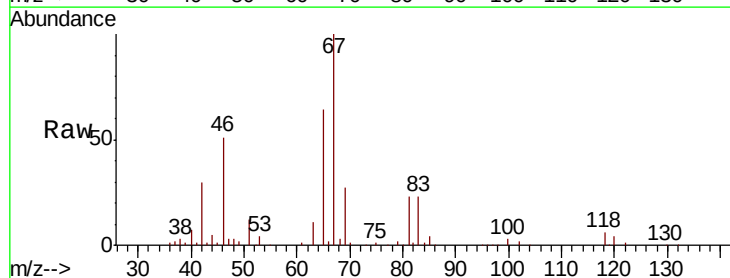


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

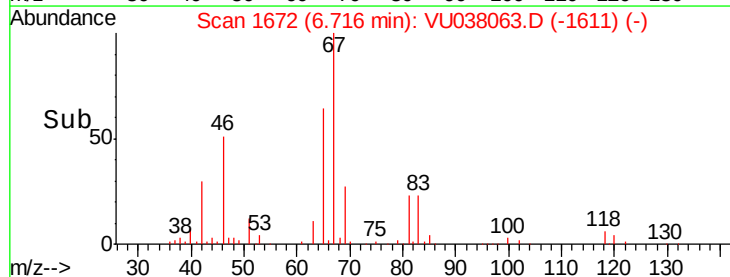
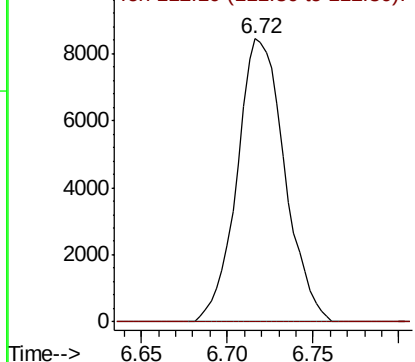


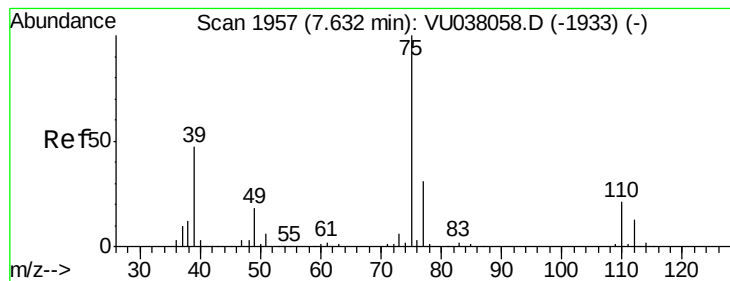
#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.10 min
Lab File: VU038063.D
Acq: 08 May 2020 01:29

Tgt Ion: 63 Resp: 16152
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



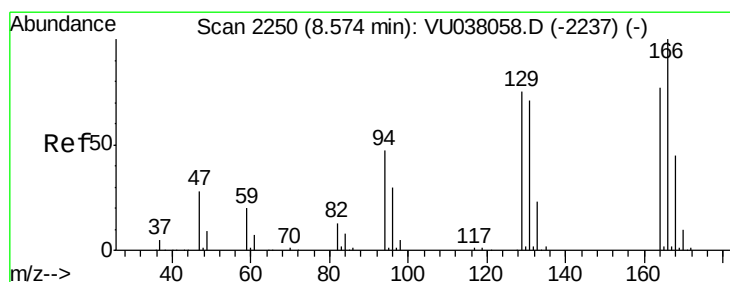
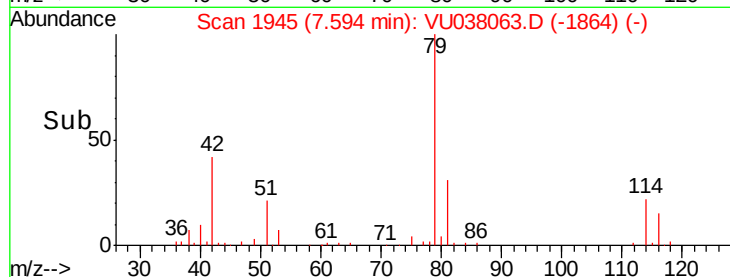
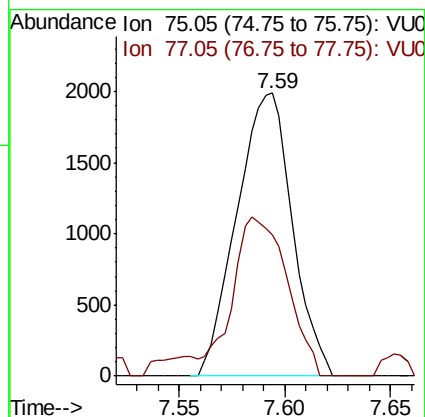
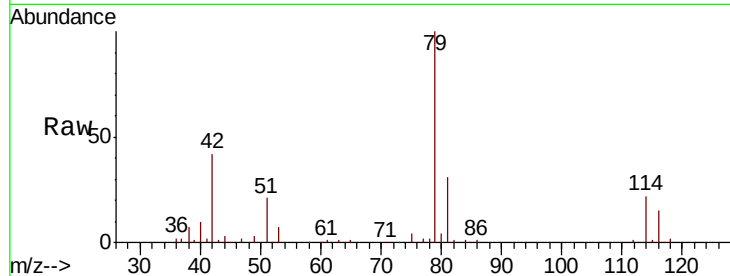


#39

cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038063.D
 Acq: 08 May 2020 01:29

Instrument :
 MSVOA_U
 ClientSampleId :

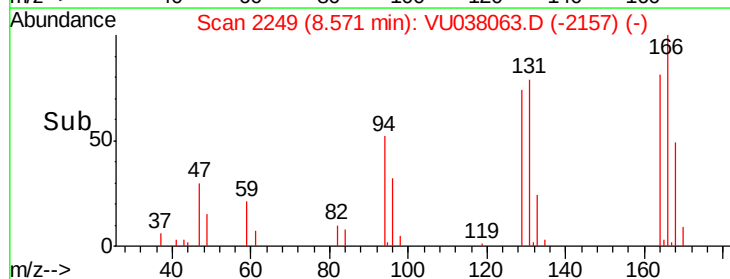
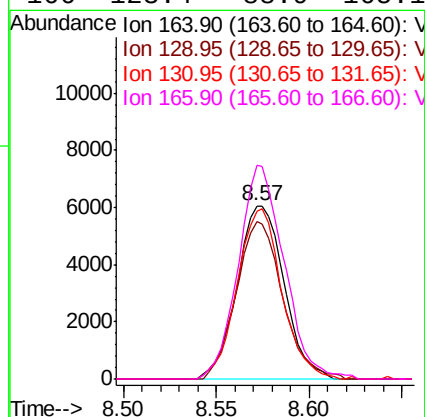
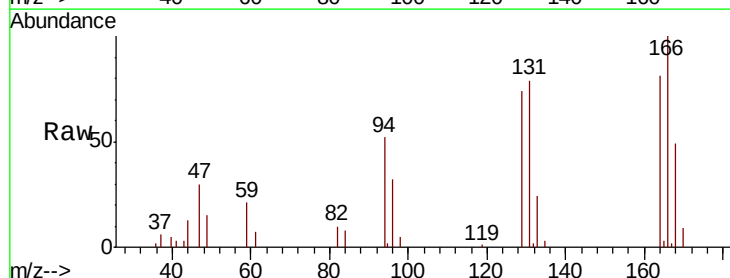
Tot Ion: 75 Resp: 3634
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.4 41.6#

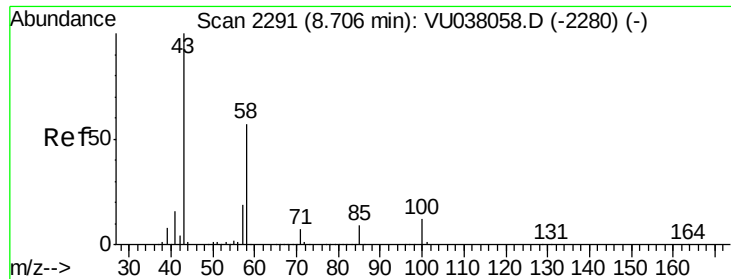


#47

Tetrachloroethene
 Concen: 0.523 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038063.D
 Acq: 08 May 2020 01:29

Tgt Ion: 164 Resp: 10647
 Ion Ratio Lower Upper
 164 100
 129 90.9 68.8 127.8
 131 97.1 66.8 124.2
 166 123.4 88.9 165.1

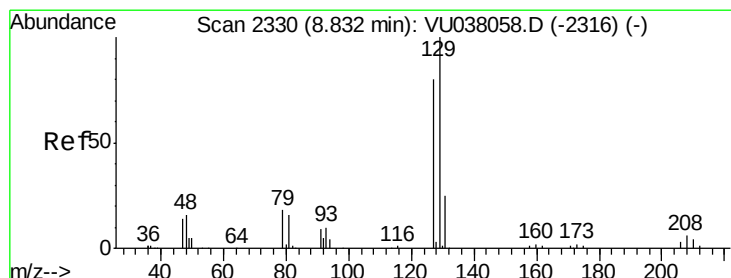
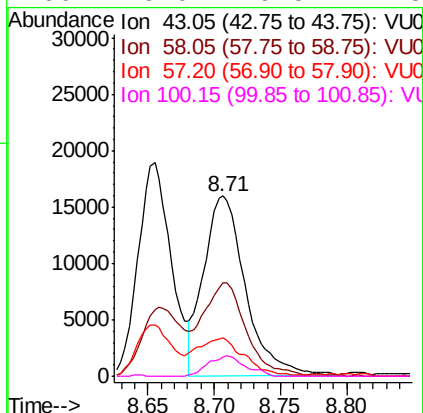
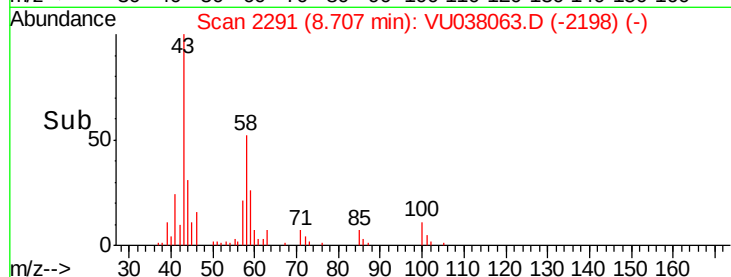
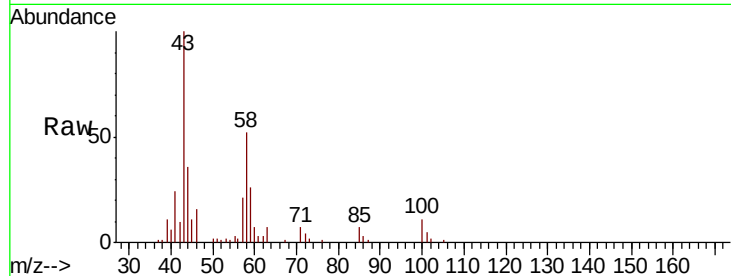




#48
2-Hexanone
Concen: 2.162 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038063.D
Acq: 08 May 2020 01:29

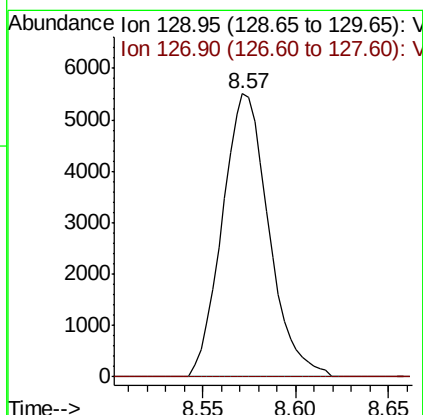
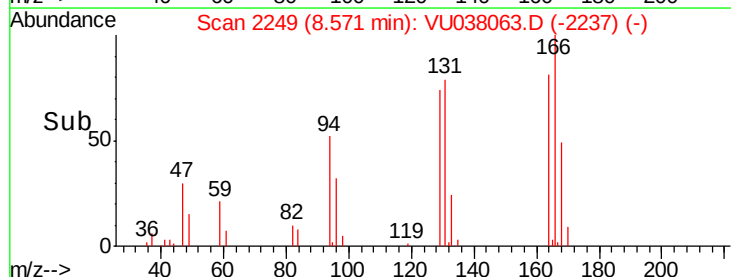
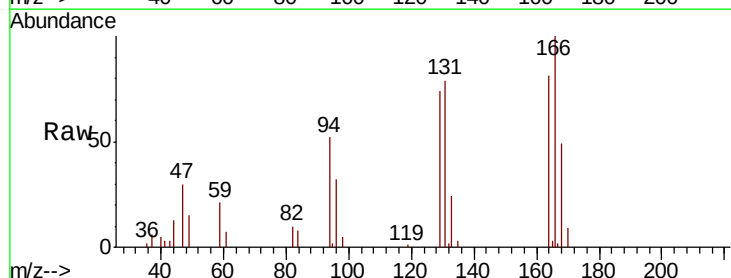
Instrument :
MSVOA_U
ClientSampleId :

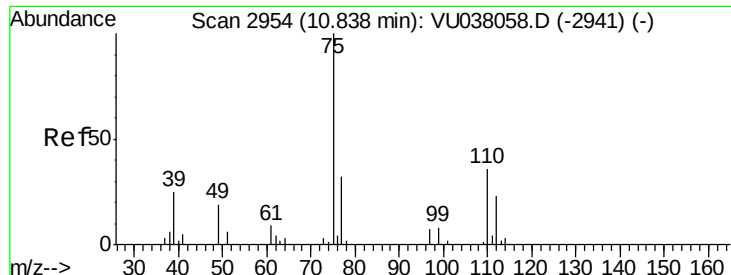
Tot Ion: 43 Resp: 34680
Ion Ratio Lower Upper
43 100
58 54.6 45.2 67.8
57 23.1 15.5 23.3
100 10.0 9.5 14.3



#49
Dibromochloromethane
Concen: 0.421 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038063.D
Acq: 08 May 2020 01:29

Tgt Ion: 129 Resp: 9589
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.104 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038063.D

Acq: 08 May 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 23410

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.0

