

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038054.D
 Acq On : 07 May 2020 21:13
 Operator : JC/MD
 Sample : L2527-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:55:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	368585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	359081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148682	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	125543	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	179805	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	321398	38.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.28%
24) Chloroform-d	5.10	84	199766	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.74	65	129096	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.76	84	495105	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	157427	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.92	98	443210	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	54009	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.65	63	272772	41.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114271	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152210	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

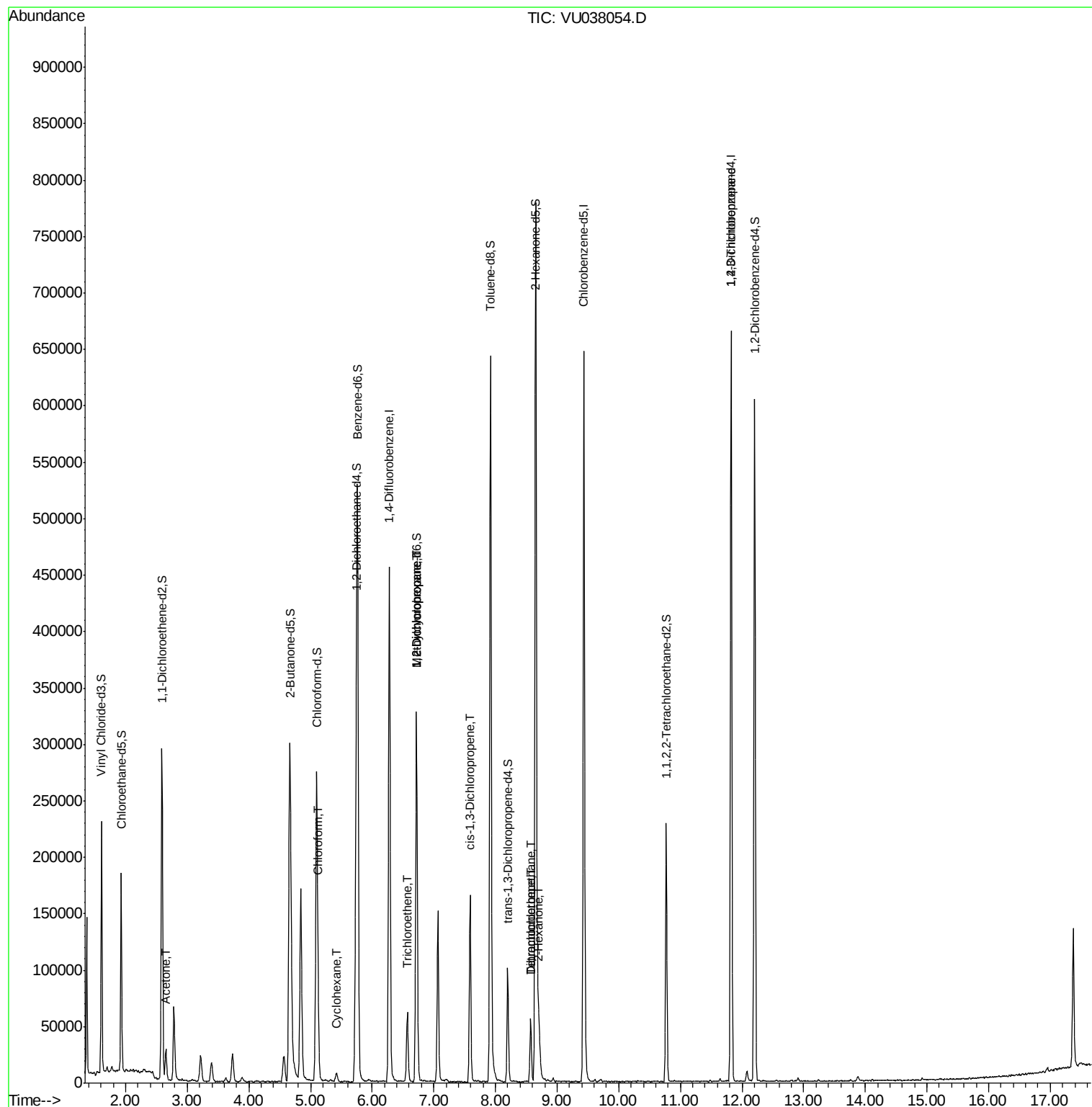
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	30134	5.774	ug/L	96
25) Chloroform	5.13	83	21502	0.423	ug/L	92
30) Cyclohexane	5.42	56	3643	0.075	ug/L	88
34) Trichloroethene	6.57	95	20180	0.702	ug/L	96
35) Methylcyclohexane	6.72	83	34636	0.743	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17312	0.554	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3759	0.084	ug/L #	62
47) Tetrachloroethene	8.57	164	11824	0.588	ug/L	93
48) 2-Hexanone	8.71	43	34209	2.158	ug/L	97
49) Dibromochloromethane	8.57	129	12429	0.552	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	23591	1.125	ug/L	98

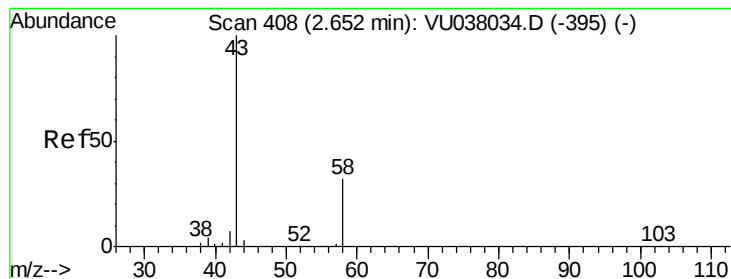
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.774 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038054.D

Acq: 07 May 2020 21:13

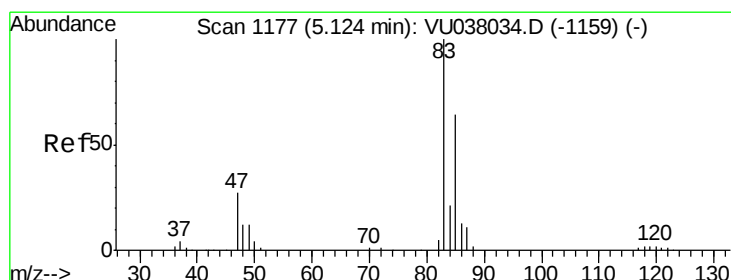
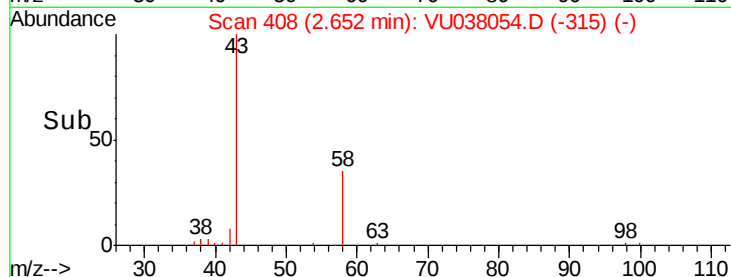
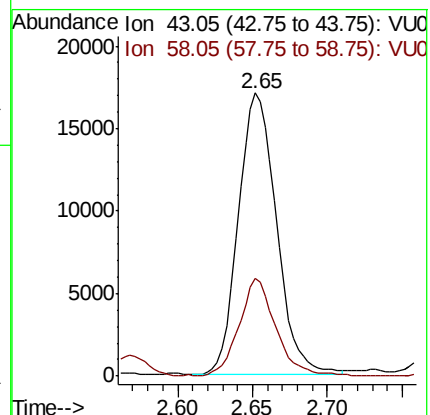
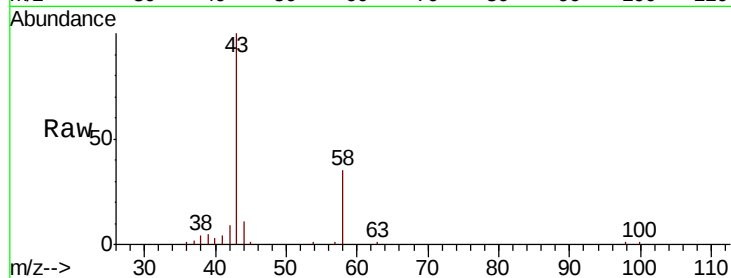
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 30134

Ion Ratio Lower Upper

43 100

58 33.8 0.0 63.6



#25

Chloroform

Concen: 0.423 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038054.D

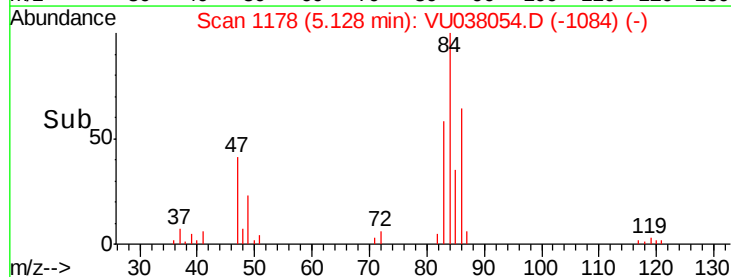
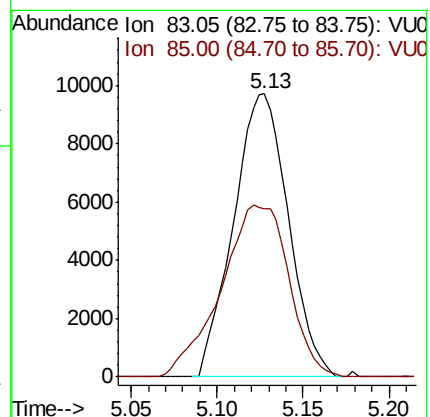
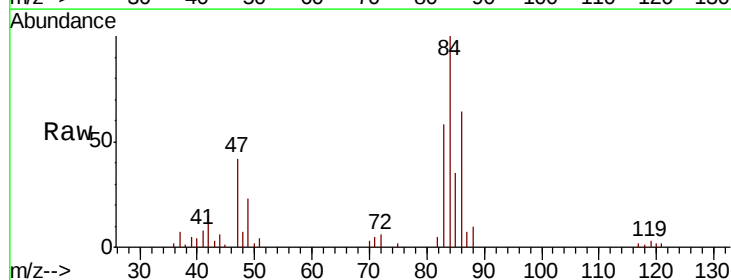
Acq: 07 May 2020 21:13

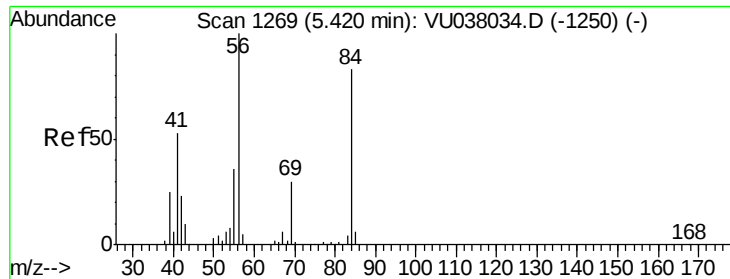
Tgt Ion: 83 Resp: 21502

Ion Ratio Lower Upper

83 100

85 59.6 46.2 85.8

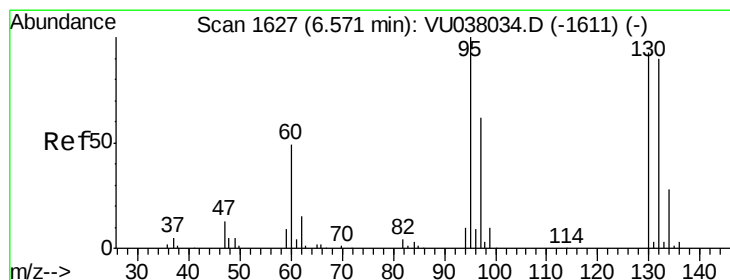
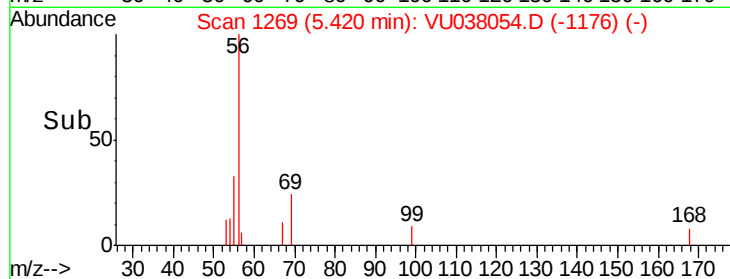
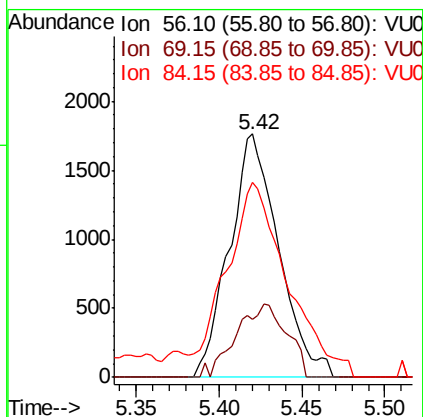
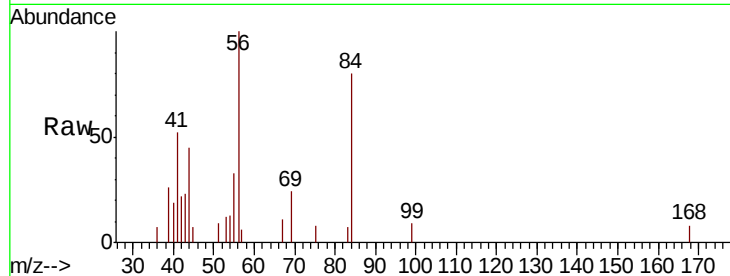




#30
Cyclohexane
Concen: 0.075 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

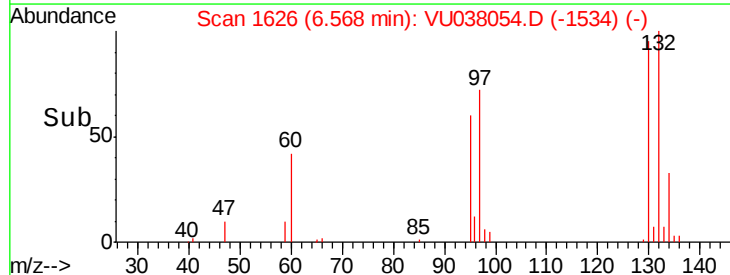
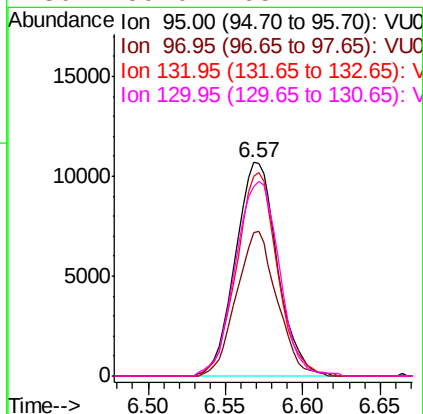
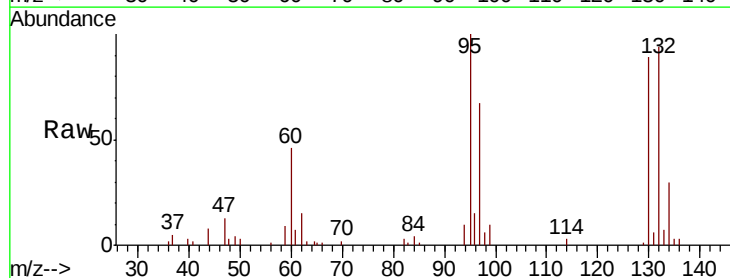
Instrument :
MSVOA_U
ClientSampleId :

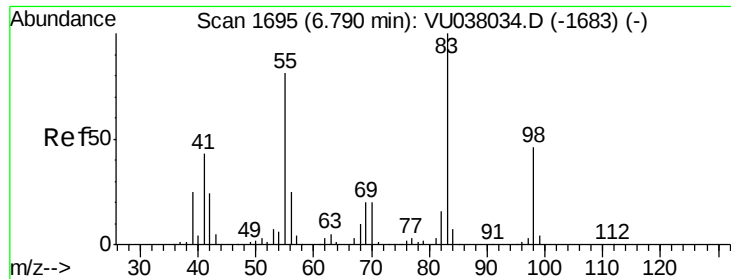
Tot Ion: 56 Resp: 3643
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.4
84 99.9 68.5 102.7



#34
Trichloroethene
Concen: 0.702 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

Tgt Ion: 95 Resp: 20180
Ion Ratio Lower Upper
95 100
97 66.9 44.9 83.3
132 93.6 63.3 117.5
130 89.0 65.7 122.1

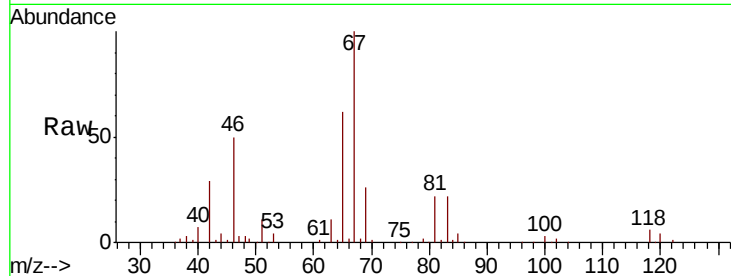




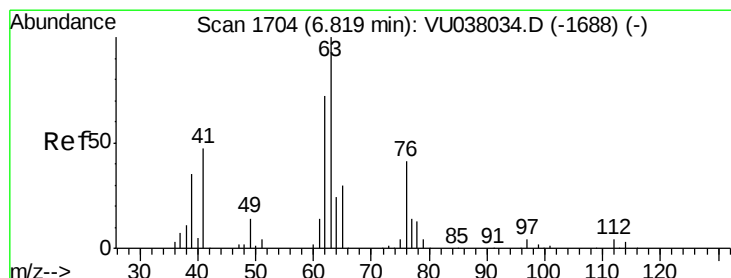
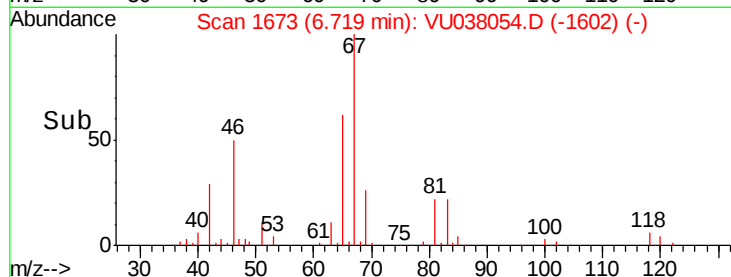
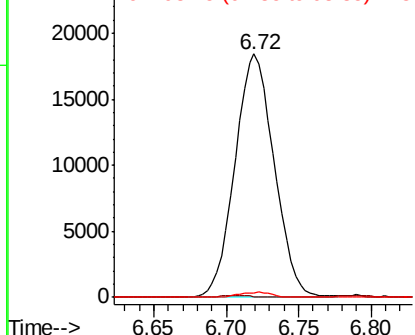
#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 34636
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 1.6 39.4 59.2#

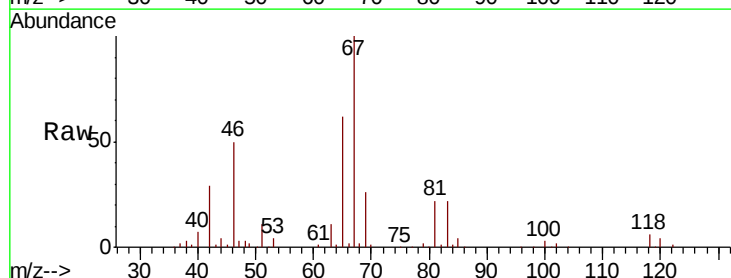


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

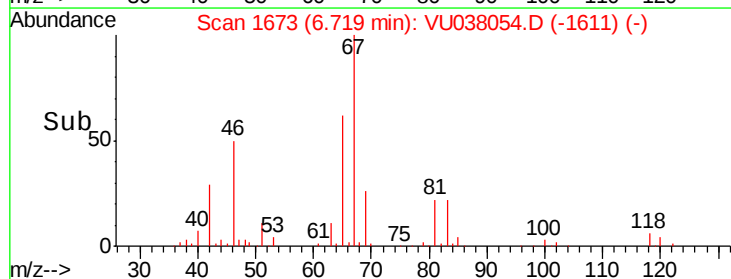
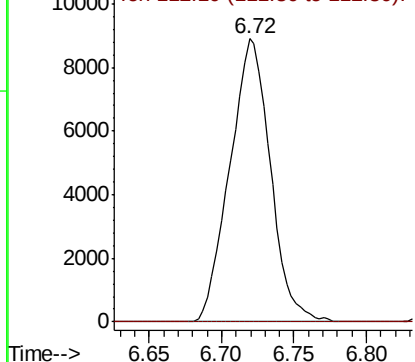


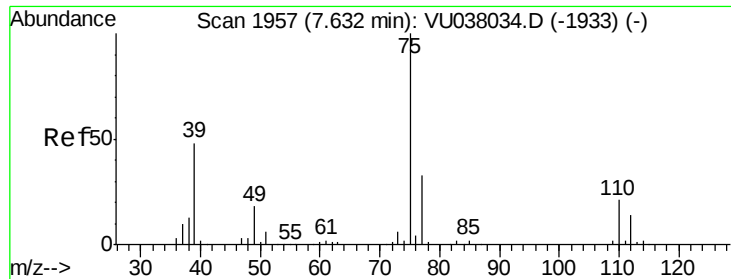
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

Tgt Ion: 63 Resp: 17312
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



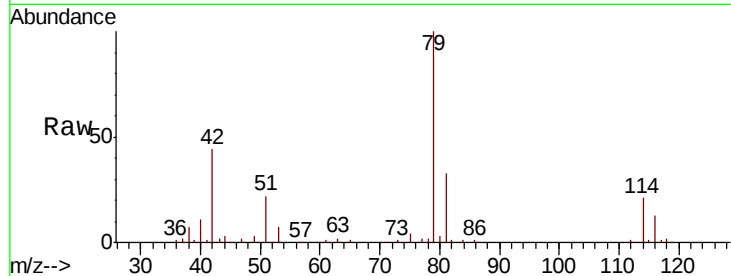


#39

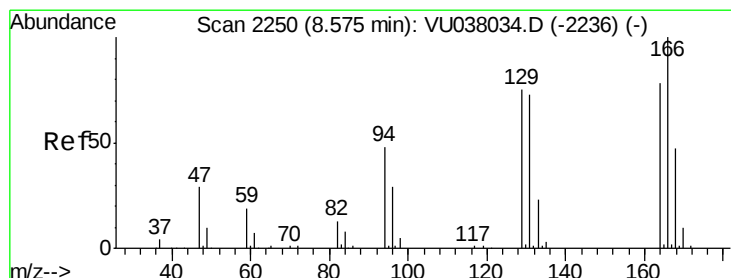
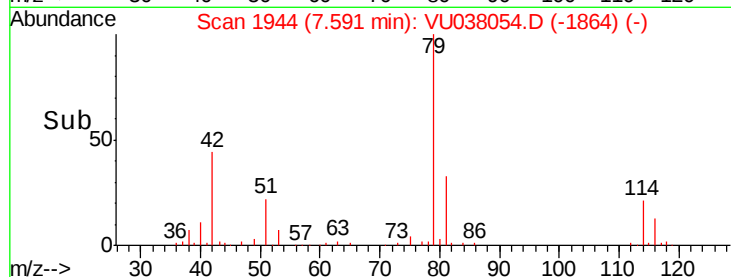
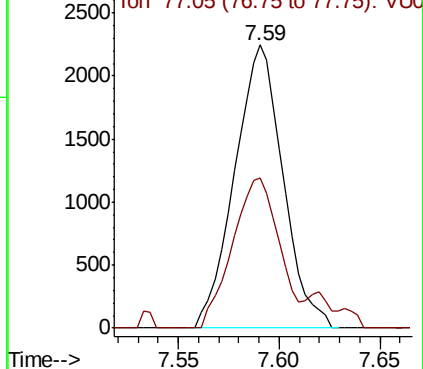
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 3759
Ion Ratio Lower Upper
75 100
77 53.0 22.4 41.6#



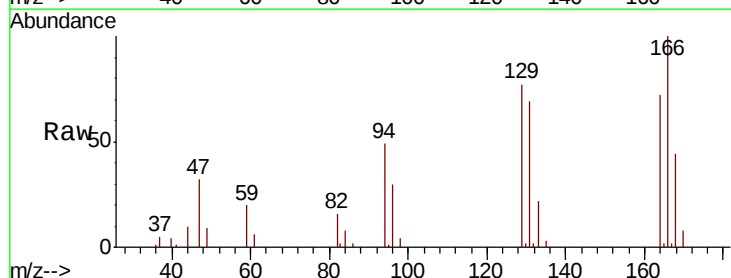
Abundance Ion 75.05 (74.75 to 75.75): VU038034.D (-1933) (-)
Ion 77.05 (76.75 to 77.75): VU038034.D (-1933) (-)



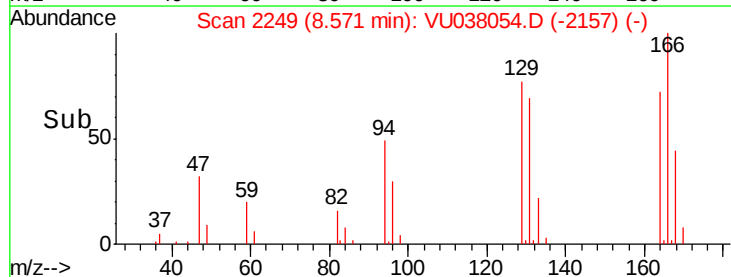
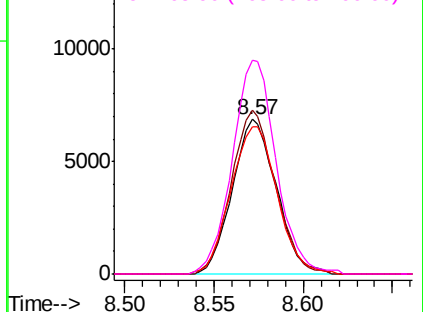
#47

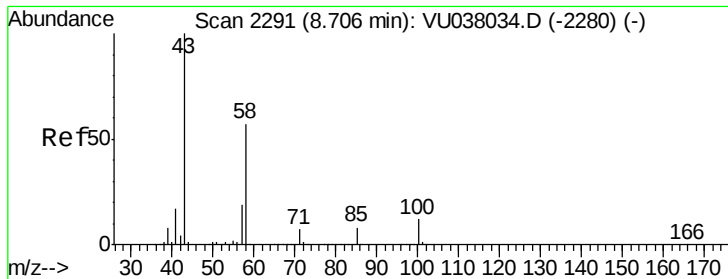
Tetrachloroethene
Concen: 0.588 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

Tgt Ion:164 Resp: 11824
Ion Ratio Lower Upper
164 100
129 106.3 68.8 127.8
131 95.2 66.8 124.2
166 138.3 88.9 165.1



Abundance Ion 163.90 (163.60 to 164.60): VU038034.D (-2236) (-)
Ion 128.95 (128.65 to 129.65): VU038034.D (-2236) (-)
Ion 130.95 (130.65 to 131.65): VU038034.D (-2236) (-)
Ion 165.90 (165.60 to 166.60): VU038034.D (-2236) (-)

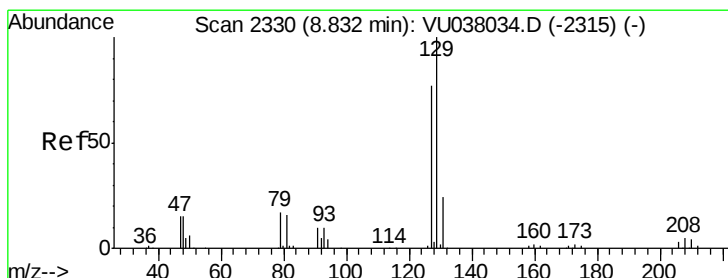
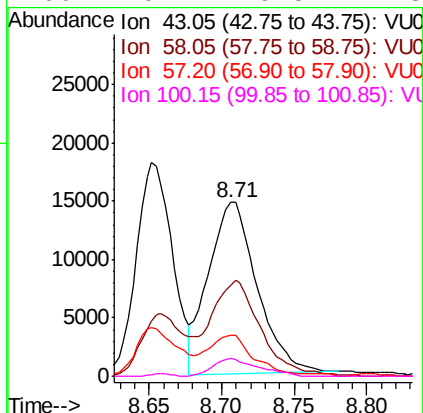
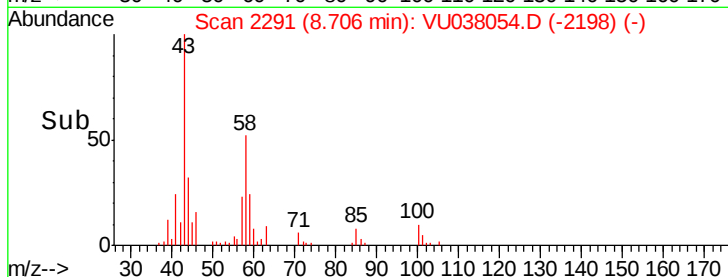
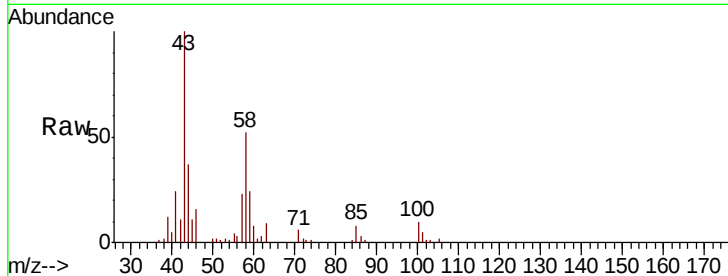




#48
2-Hexanone
Concen: 2.158 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

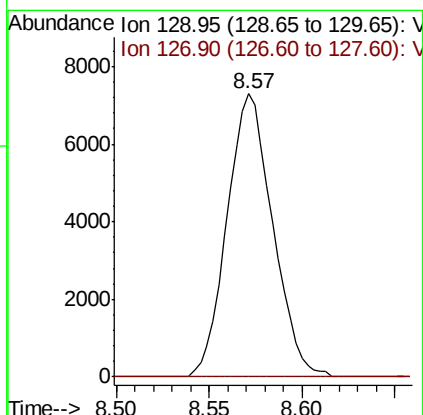
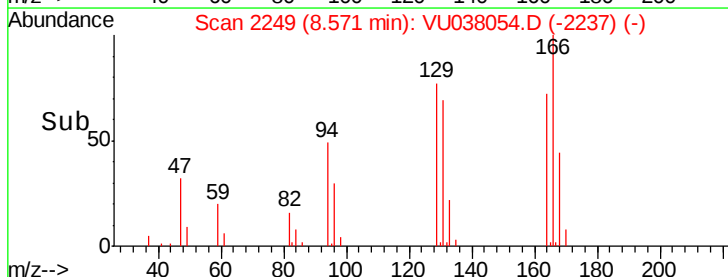
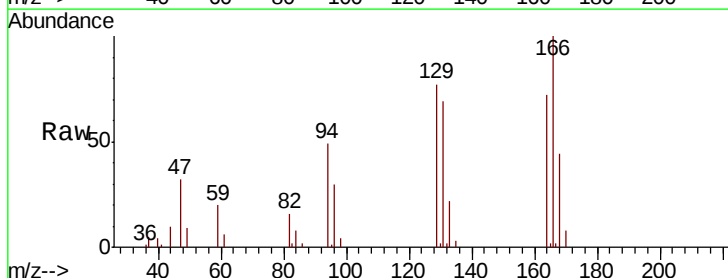
Instrument :
MSVOA_U
ClientSampleId :

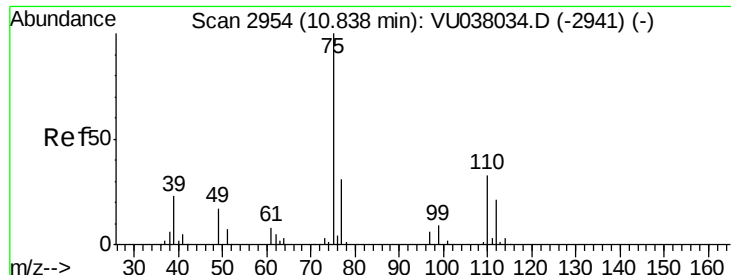
Tot Ion: 43 Resp: 34209
Ion Ratio Lower Upper
43 100
58 55.6 45.2 67.8
57 22.9 15.5 23.3
100 9.7 9.5 14.3



#49
Dibromochloromethane
Concen: 0.552 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038054.D
Acq: 07 May 2020 21:13

Tgt Ion: 129 Resp: 12429
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.125 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038054.D

Acq: 07 May 2020 21:13

Instrument :

MSVOA_U

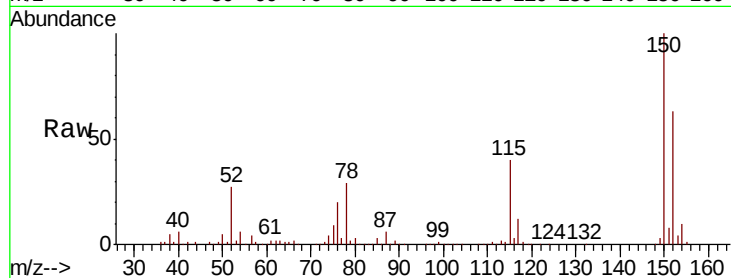
ClientSampleId :

Tot Ion: 75 Resp: 23591

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

