

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038059.D
 Acq On : 07 May 2020 23:32
 Operator : JC/MD
 Sample : VU0507WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:58:58 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	371412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	357557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151787	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	131752	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	182407	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	380592	45.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.82%
24) Chloroform-d	5.10	84	222788	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.74	65	135837	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.76	84	503584	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	165541	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	433558	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	59031	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.65	63	319429	48.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	123996	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	153461	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

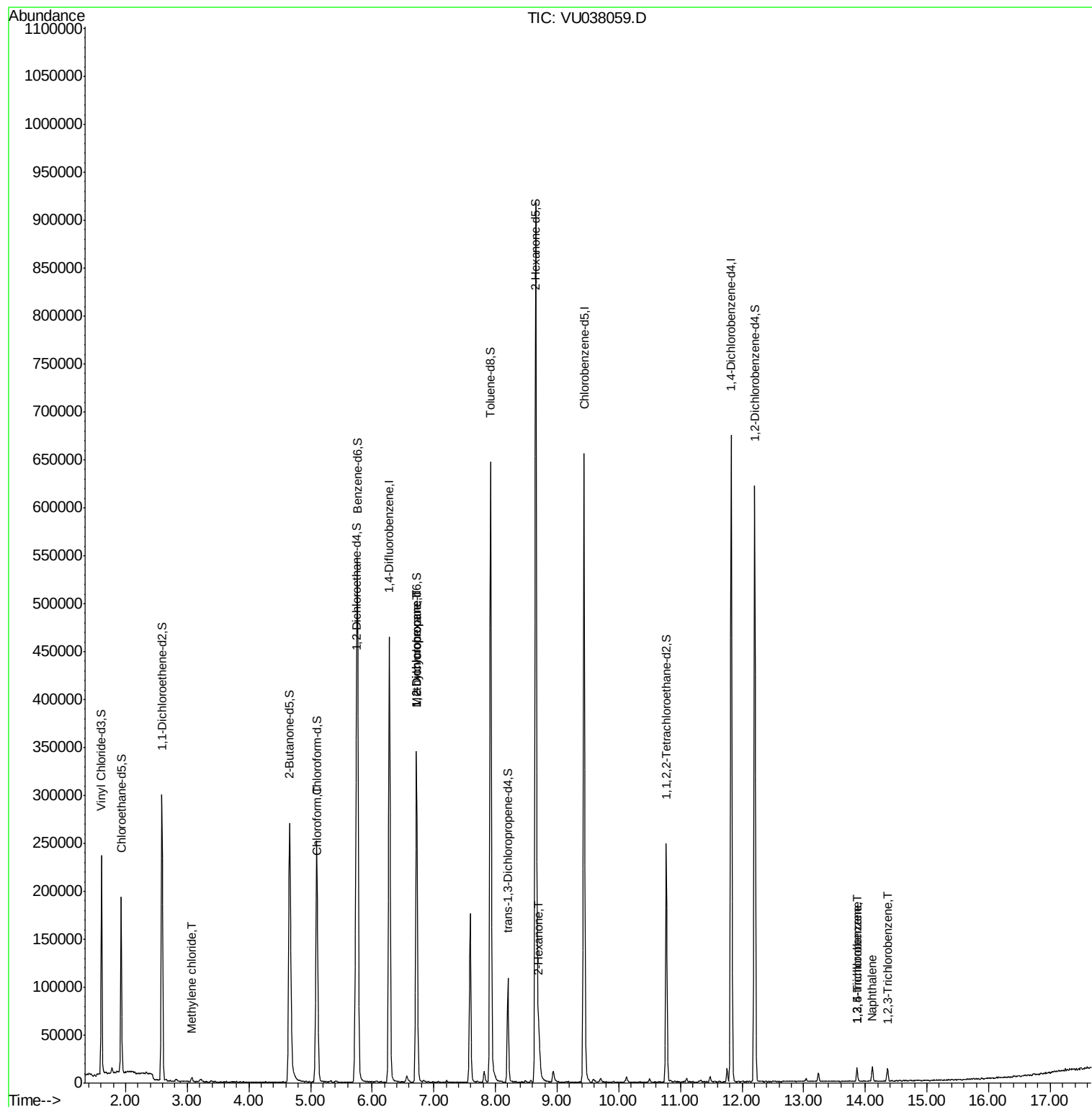
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	1817	0.060	ug/L	87
25) Chloroform	5.12	83	8745	0.171	ug/L	91
35) Methylcyclohexane	6.72	83	36100	0.778	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16833	0.541	ug/L #	88
48) 2-Hexanone	8.71	43	31905	2.021	ug/L #	95
67) 1,3,5-Trichlorobenzene	13.87	180	4227	0.109	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	4227	0.120	ug/L	97
69) Naphthalene	14.11	128	12368	0.167	ug/L	97
70) 1,2,3-Trichlorobenzene	14.36	180	4230	0.130	ug/L	99

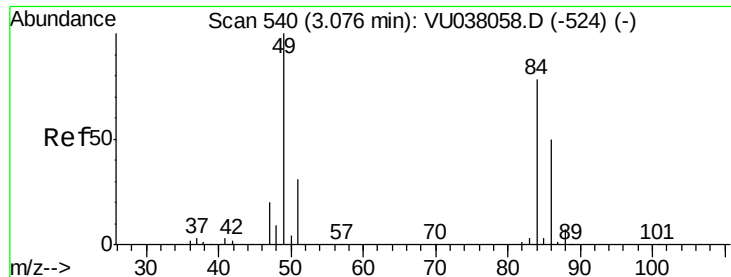
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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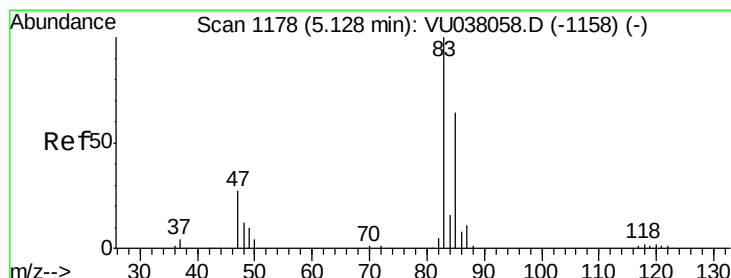
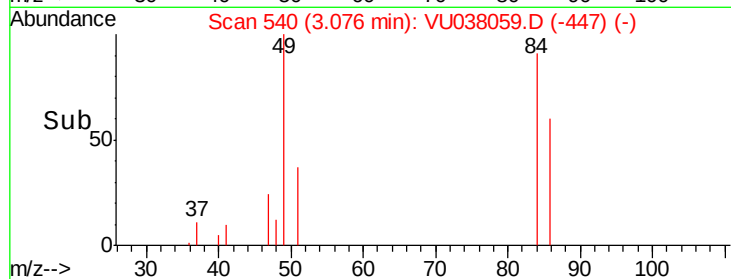
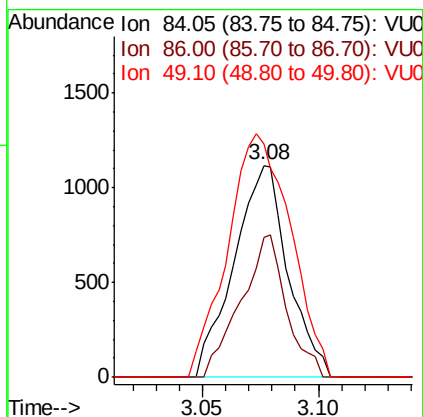
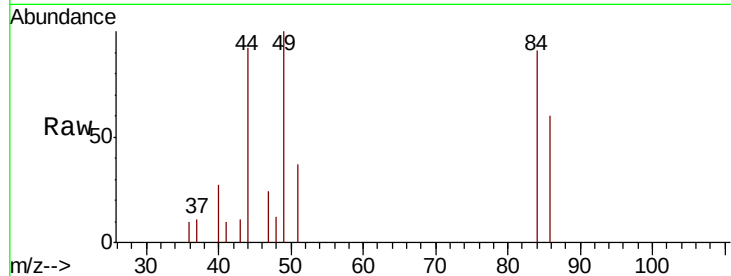




#16
Methylene chloride
Concen: 0.060 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038059.D
Acq: 07 May 2020 23:32

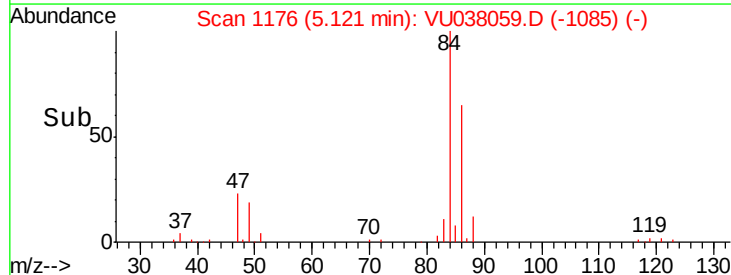
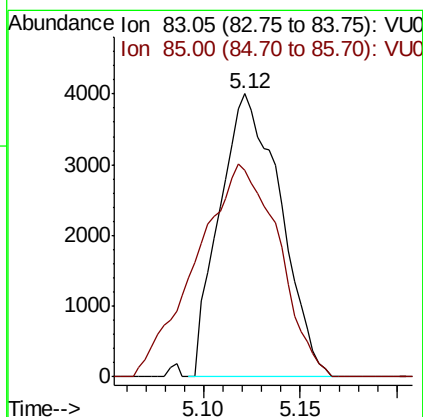
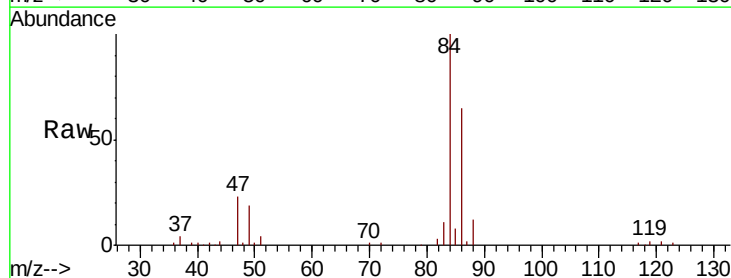
Instrument :
MSVOA_U
ClientSampled :

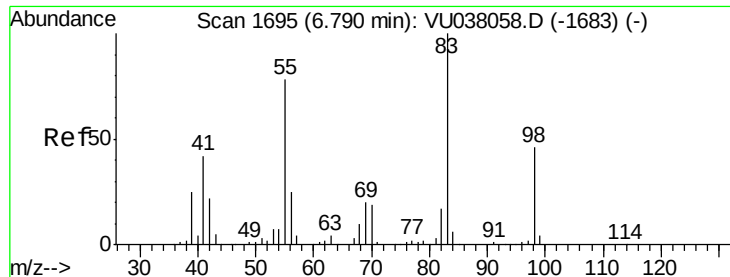
Tot Ion: 84 Resp: 1817
Ion Ratio Lower Upper
84 100
86 66.0 44.9 83.3
49 110.1 92.0 170.9



#25
Chloroform
Concen: 0.171 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VU038059.D
Acq: 07 May 2020 23:32

Tgt Ion: 83 Resp: 8745
Ion Ratio Lower Upper
83 100
85 73.1 46.2 85.8

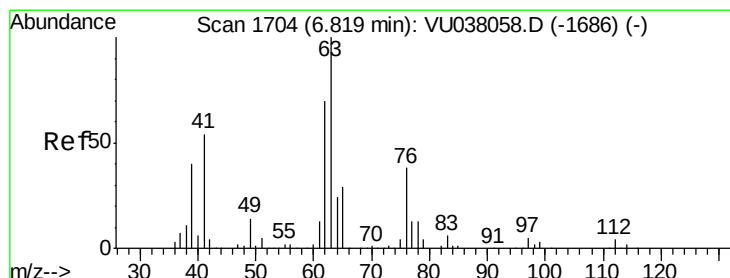
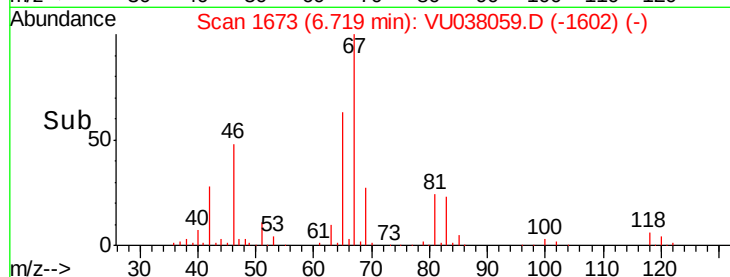
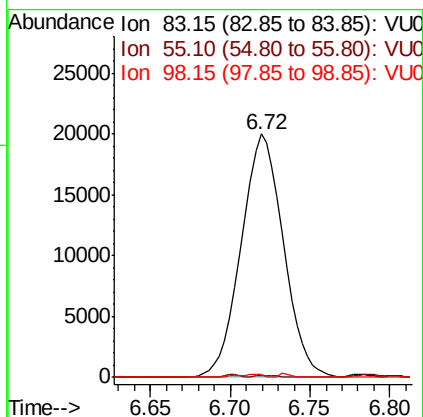
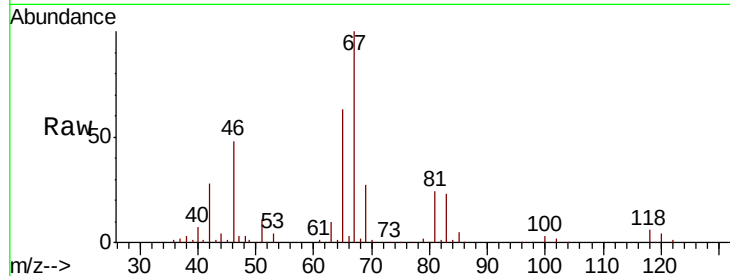




#35
Methylvlcyclohexane
Concen: 0.778 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038059.D
Acq: 07 May 2020 23:32

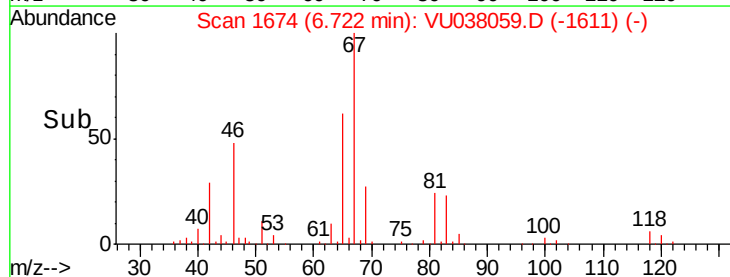
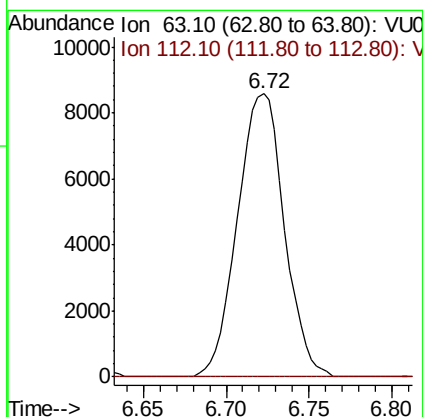
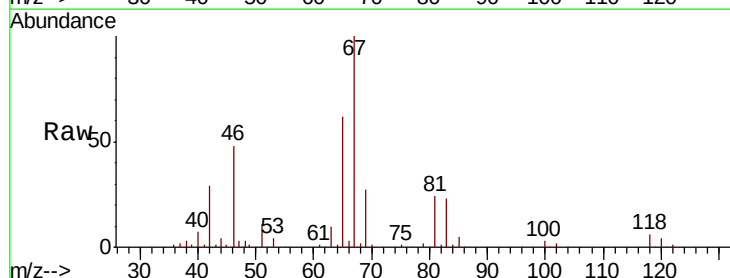
Instrument :
MSVOA_U
ClientSampleId :

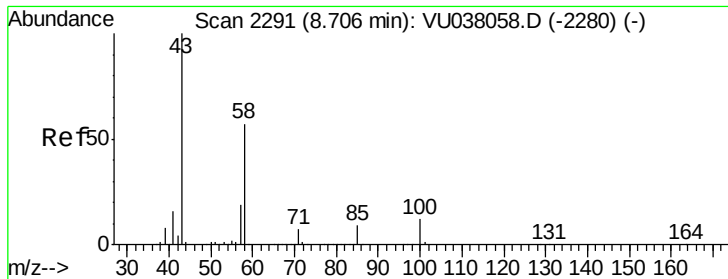
Tot Ion: 83 Resp: 36100
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 0.7 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038059.D
Acq: 07 May 2020 23:32

Tgt Ion: 63 Resp: 16833
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

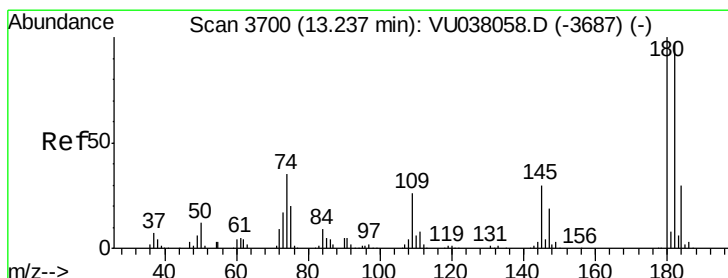
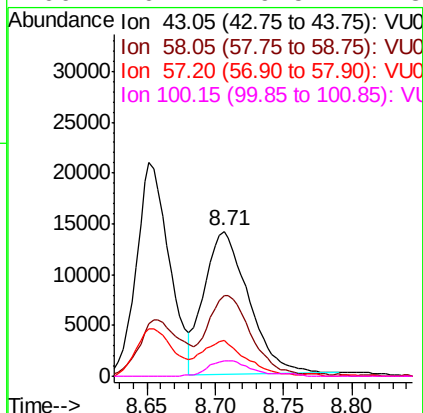
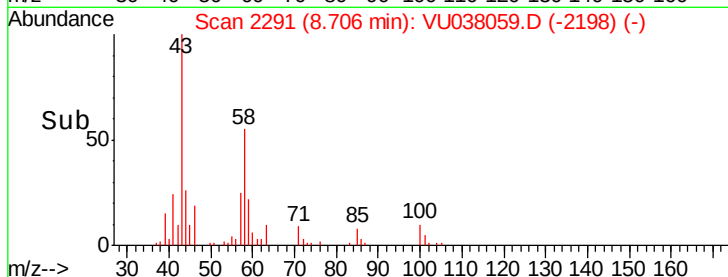
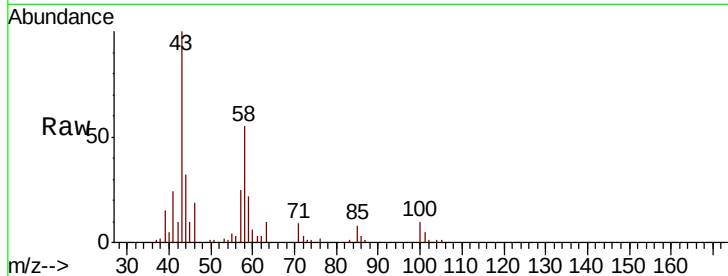




#48
2-Hexanone
Concen: 2.021 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038059.D
Acq: 07 May 2020 23:32

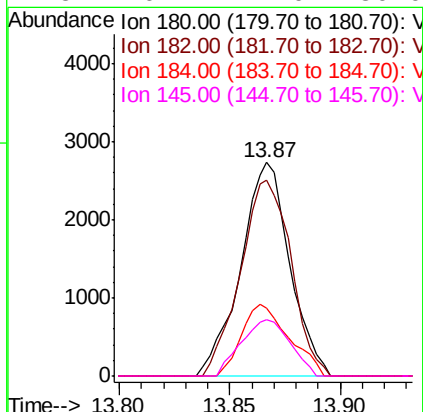
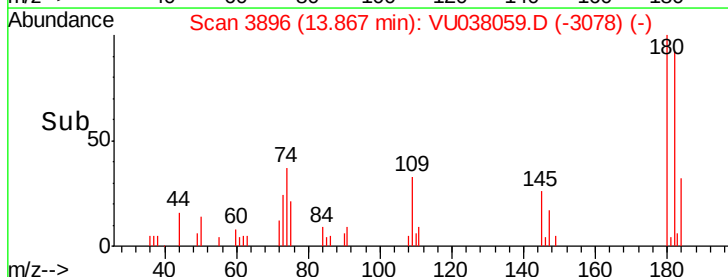
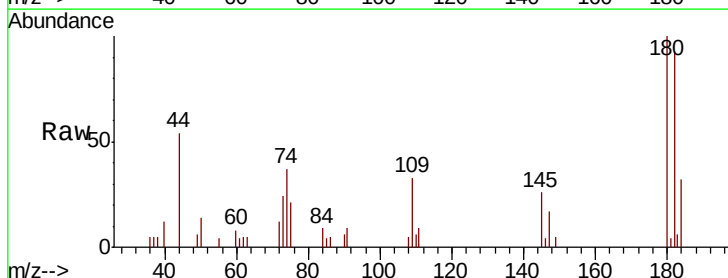
Instrument :
MSVOA_U
ClientSampleId :

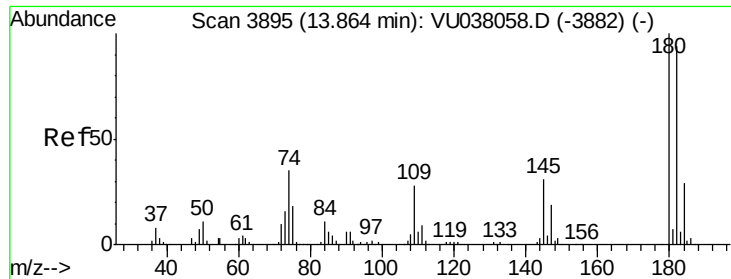
Tot Ion: 43 Resp: 31905
Ion Ratio Lower Upper
43 100
58 54.7 45.2 67.8
57 25.1 15.5 23.3#
100 10.4 9.5 14.3



#67
1,3,5-Trichlorobenzene
Concen: 0.109 ug/L
RT: 13.87 min Scan# 3896
Delta R.T. 0.63 min
Lab File: VU038059.D
Acq: 07 May 2020 23:32

Tgt Ion: 180 Resp: 4227
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.2
184 32.4 24.2 36.2
145 26.2 24.0 36.0

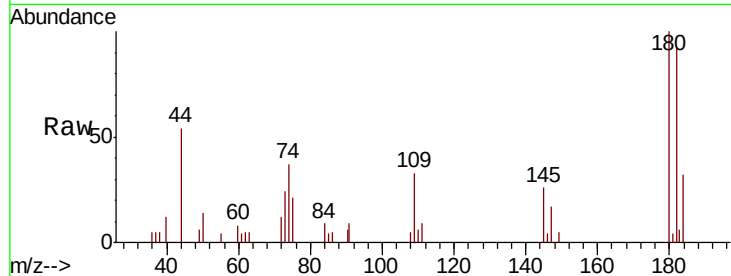




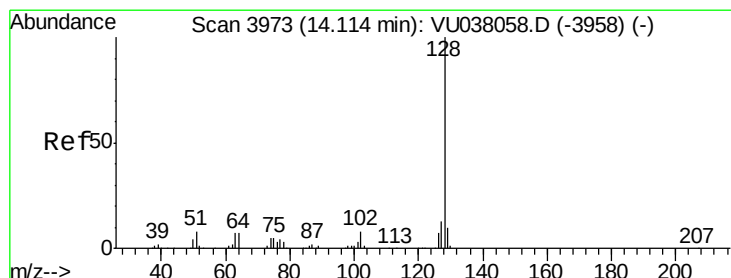
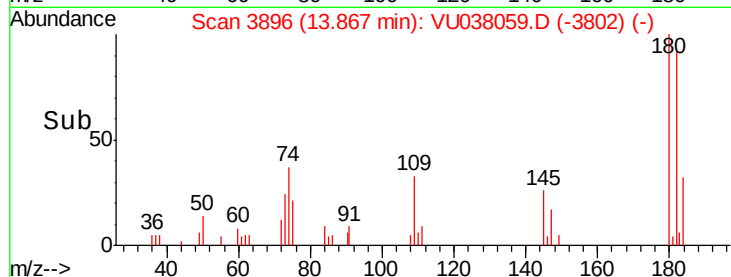
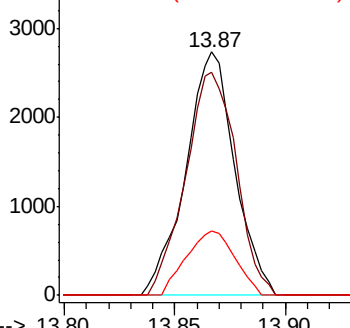
#68
 1,2,4-trichlorobenzene
 Concen: 0.120 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038059.D
 Acq: 07 May 2020 23:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 4227
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.0 112.6
 145 26.2 24.8 37.2

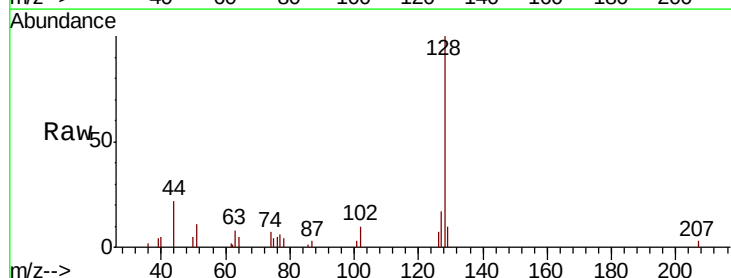


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

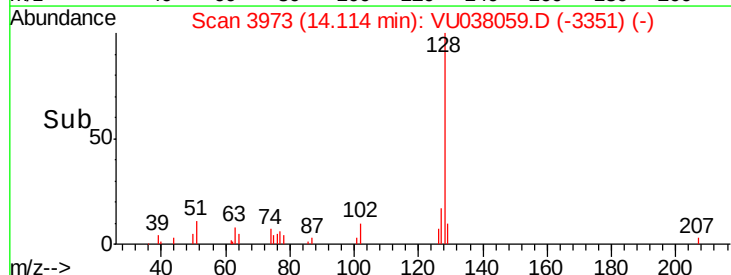
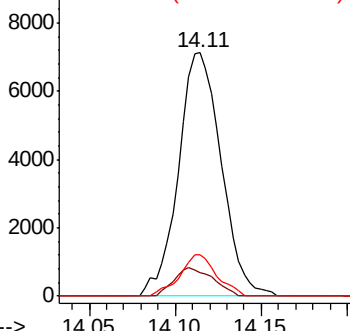


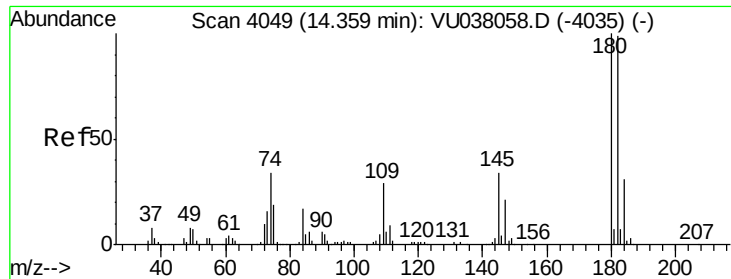
#69
 Naphthalene
 Concen: 0.167 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VU038059.D
 Acq: 07 May 2020 23:32

Tgt Ion:128 Resp: 12368
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.7 13.1
 127 14.7 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.130 ug/L
 RT: 14.36 min Scan# 4049
 Delta R.T. 0.00 min
 Lab File: VU038059.D
 Acq: 07 May 2020 23:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.3	114.5
145	33.1	26.1	39.1

