

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038176.D
 Acq On : 14 May 2020 17:51
 Operator : JC/MD
 Sample : VIBLK42
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	337121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	329574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	158006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100315	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.93	69	104188	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.59	63	138505	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.66	46	425469	55.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.84%
24) Chloroform-d	5.10	84	205529	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.74	65	125771	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	429924	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.72	67	147738	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.92	98	374833	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	51924	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.65	63	353031	58.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125930	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	144589	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

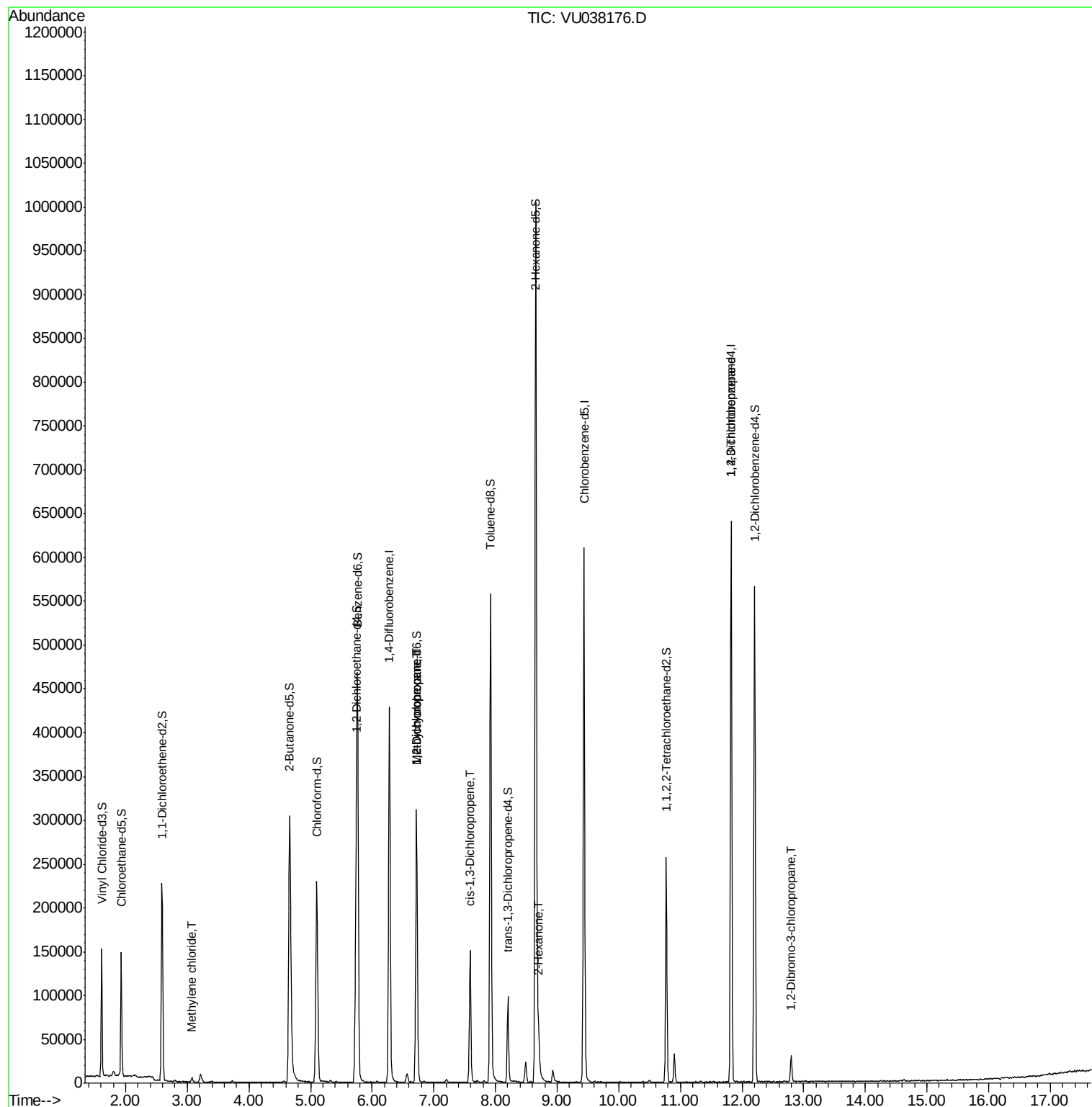
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	2101	0.077	ug/L	92
35) Methylcyclohexane	6.72	83	31468	0.736	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15006	0.523	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3410	0.083	ug/L #	64
48) 2-Hexanone	8.70	43	24902	1.711	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	21727	1.129	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.80	75	1175	0.291	ug/L #	8

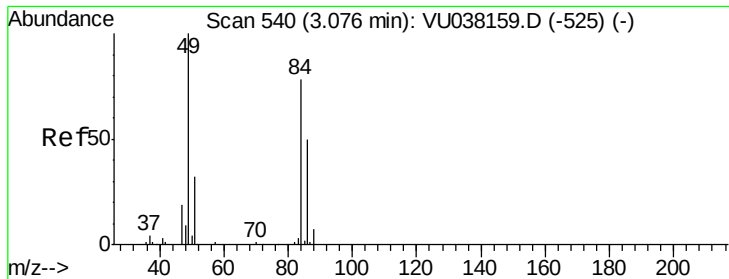
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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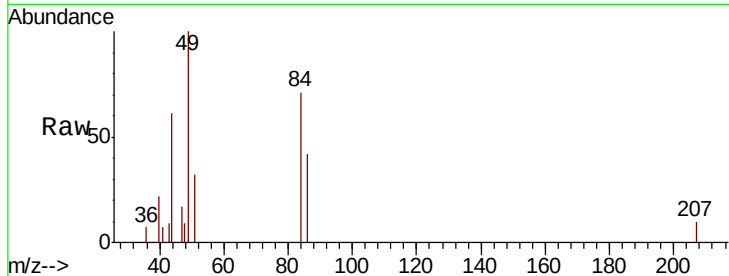




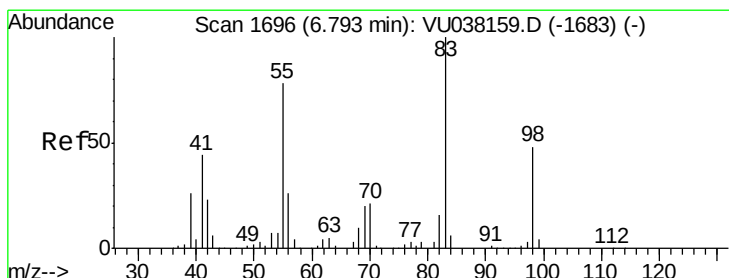
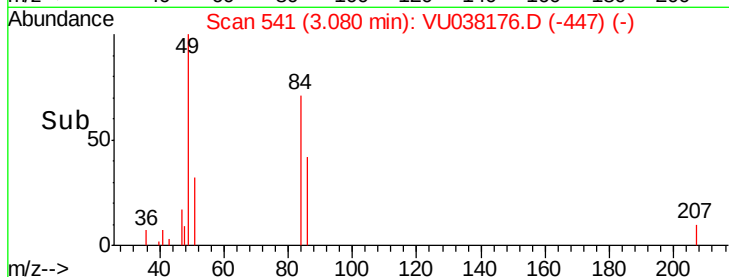
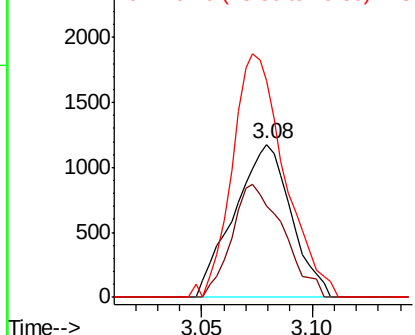
#16
Methylene chloride
Concen: 0.077 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038176.D
Acq: 14 May 2020 17:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 2101
Ion Ratio Lower Upper
84 100
86 59.5 44.9 83.3
49 141.8 92.0 170.9

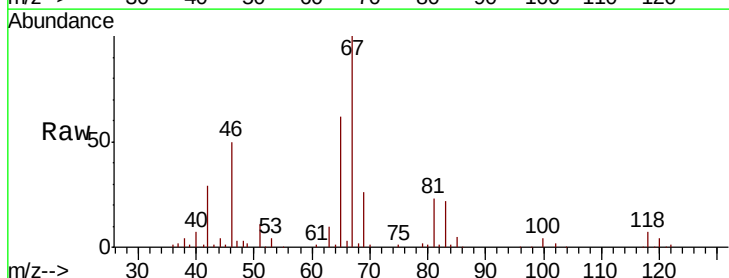


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

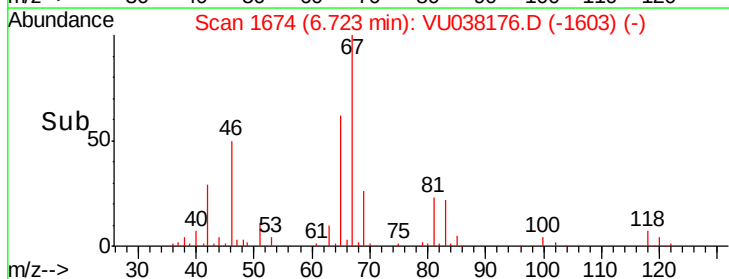
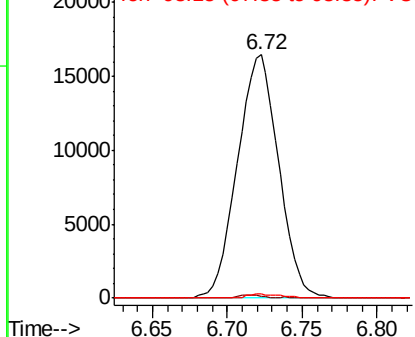


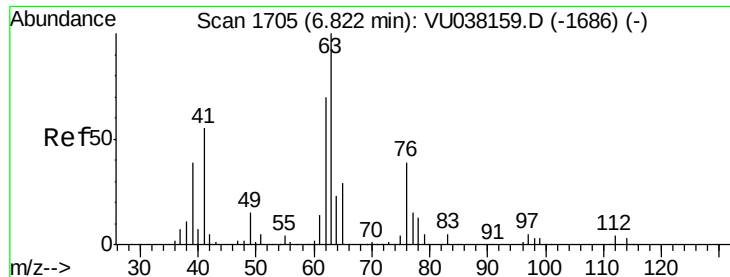
#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038176.D
Acq: 14 May 2020 17:51

Tgt Ion: 83 Resp: 31468
Ion Ratio Lower Upper
83 100
55 0.7 66.7 100.1#
98 1.3 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

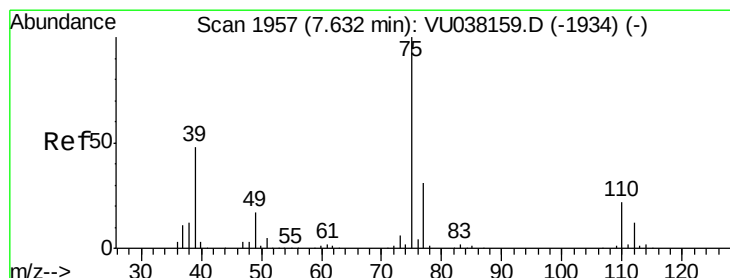
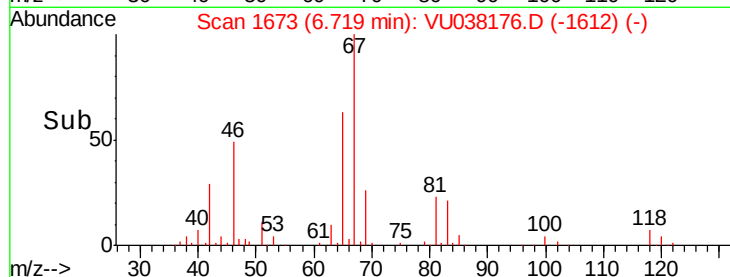
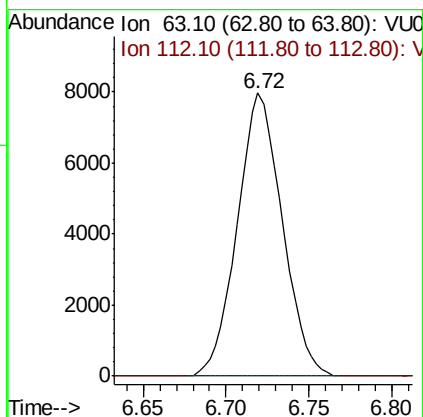
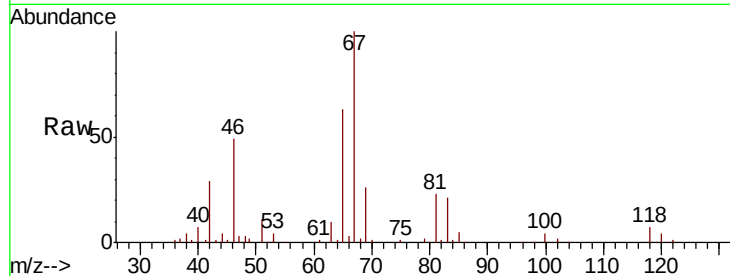




#37
 1,2-Dichloropropane
 Concen: 0.523 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038176.D
 Acq: 14 May 2020 17:51

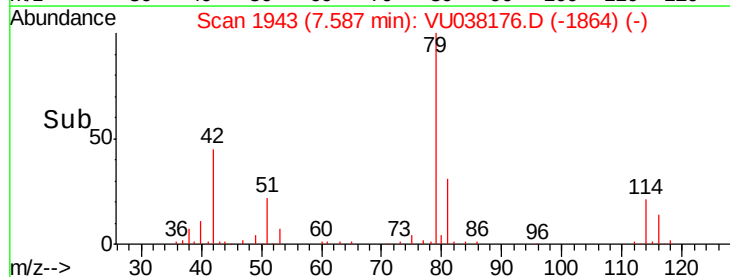
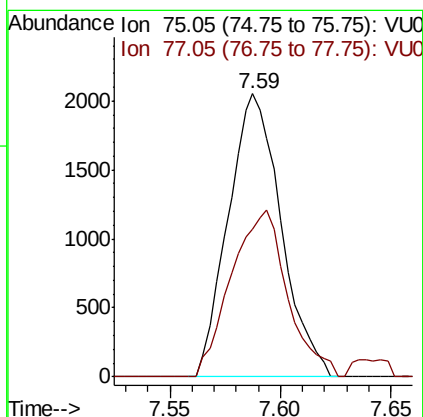
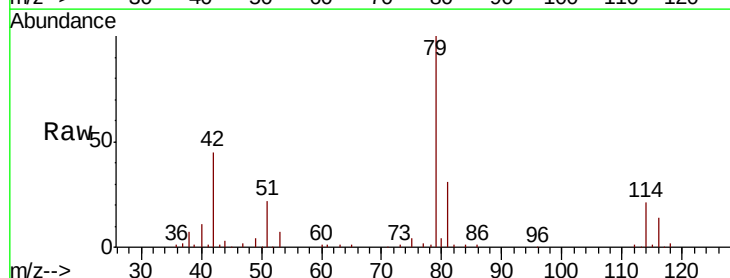
Instrument :
 MSVOA_U
 ClientSampled :

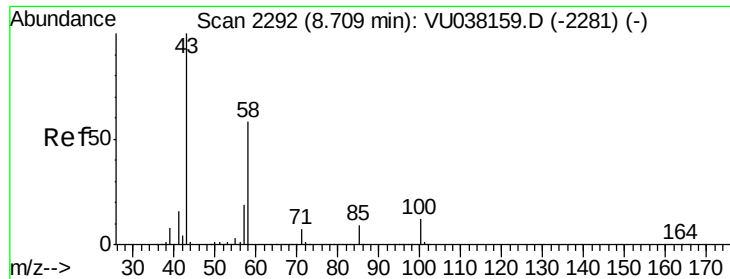
Tot Ion: 63 Resp: 15006
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038176.D
 Acq: 14 May 2020 17:51

Tgt Ion: 75 Resp: 3410
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.4 41.6#

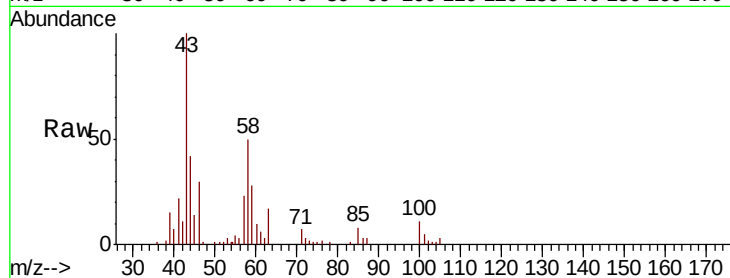




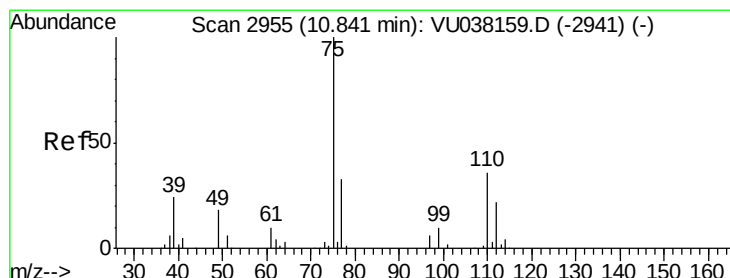
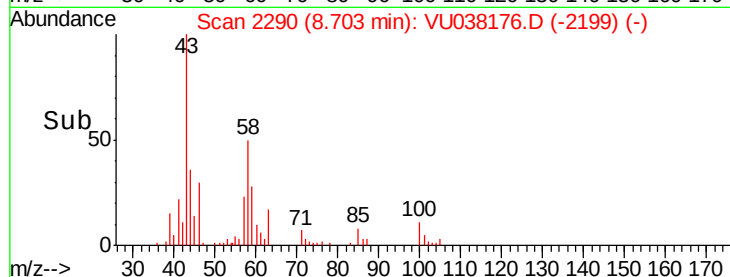
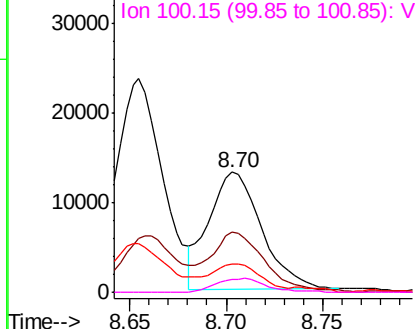
#48
 2-Hexanone
 Concen: 1.711 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038176.D
 Acq: 14 May 2020 17:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	24902
Ion	Ratio	Lower	Upper
43	100		
58	52.2	45.2	67.8
57	18.8	15.5	23.3
100	11.2	9.5	14.3

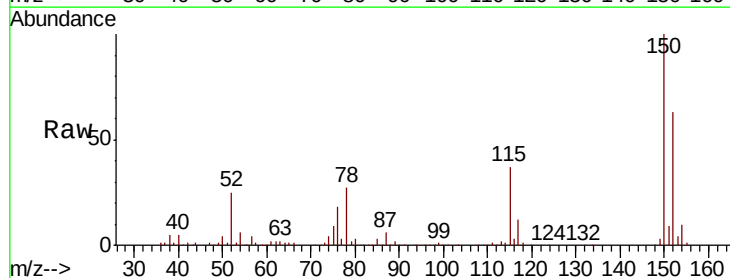


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

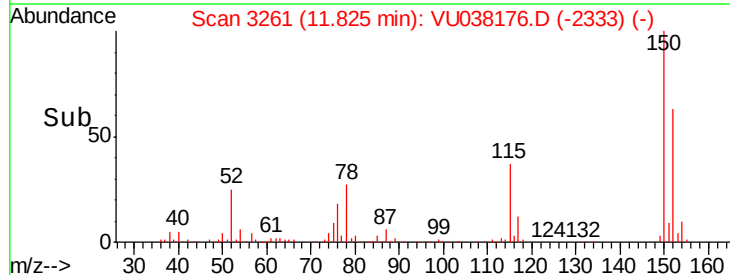
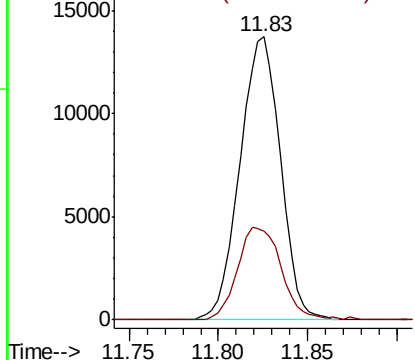


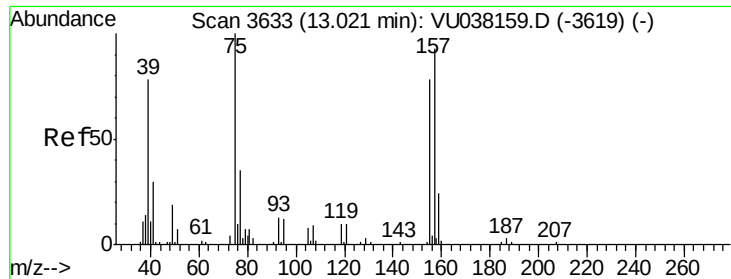
#59
 1,2,3-Trichloropropane
 Concen: 1.129 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038176.D
 Acq: 14 May 2020 17:51

Tgt Ion:	75	Resp:	21727
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.291 ug/L

RT: 12.80 min Scan# 3564

Delta R.T. -0.22 min

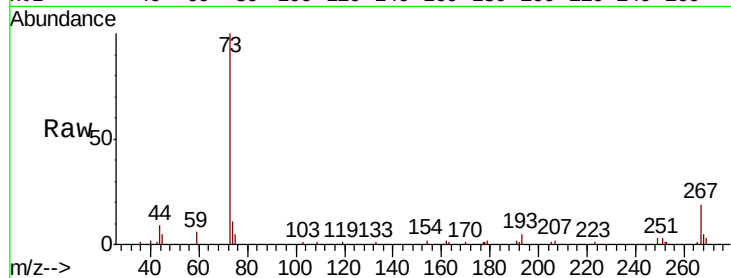
Lab File: VU038176.D

Acq: 14 May 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:	75	Resp:	1175
Ion Ratio	Lower	Upper	
75	100		
155	0.0	58.2	87.2#
157	0.0	72.9	109.3#

