

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038203.D
 Acq On : 15 May 2020 17:13
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	364029	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	357671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161776	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134183	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	119398	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	159693	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.68	46	414863	50.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.00%
24) Chloroform-d	5.10	84	217610	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	132558	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.76	84	455436	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.72	67	152308	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.92	98	387448	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.20	79	53449	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.65	63	307955	47.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	123288	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	144550	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

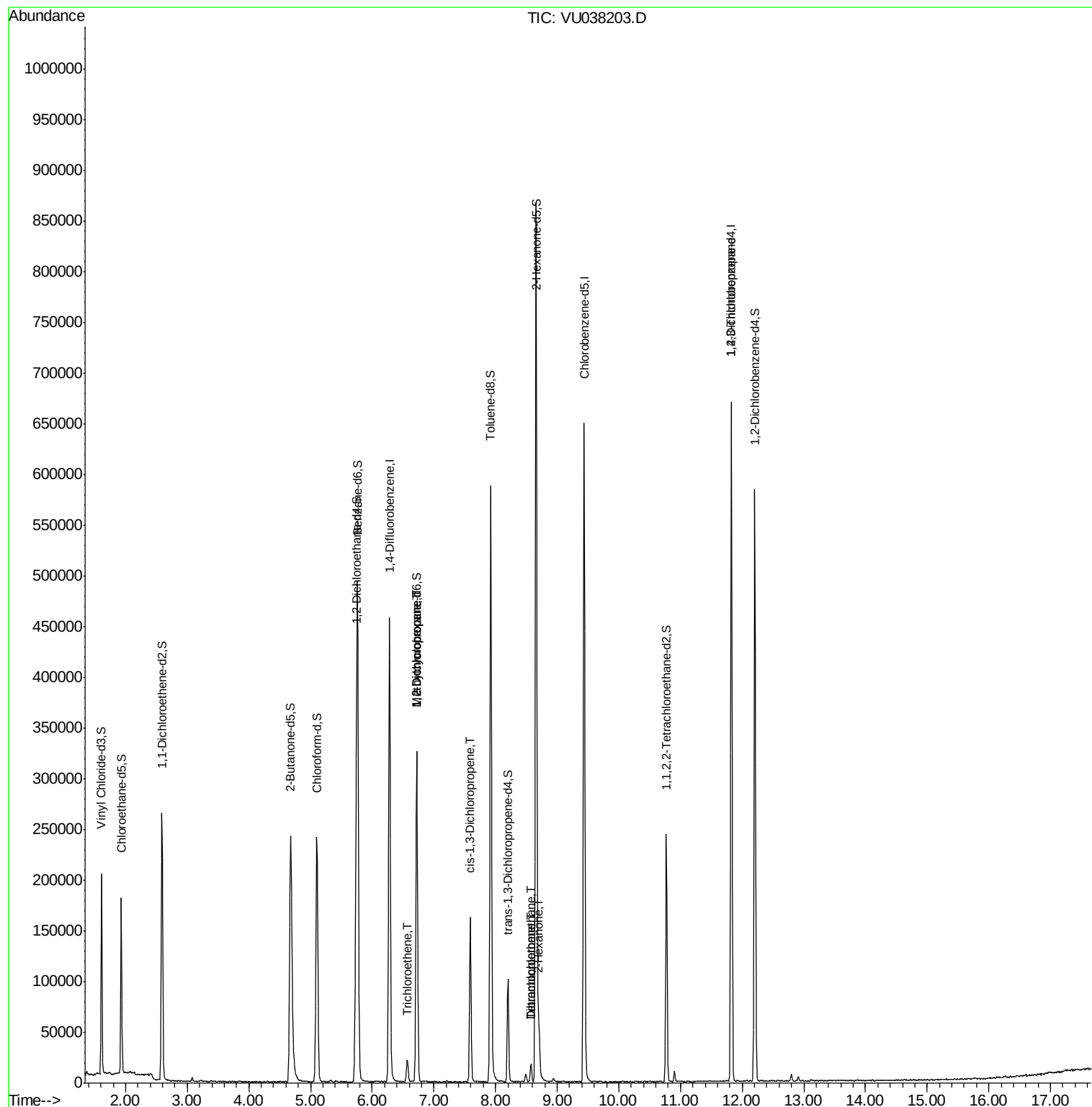
					Ovalue
34) Trichloroethene	6.57	95	6041	0.211 ug/L	91
35) Methylcyclohexane	6.72	83	34618	0.746 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16109	0.518 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3745	0.084 ug/L #	62
47) Tetrachloroethene	8.58	164	4153	0.207 ug/L	87
48) 2-Hexanone	8.71	43	24820	1.572 ug/L	96
49) Dibromochloromethane	8.57	129	4022	0.179 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	22221	1.064 ug/L	91

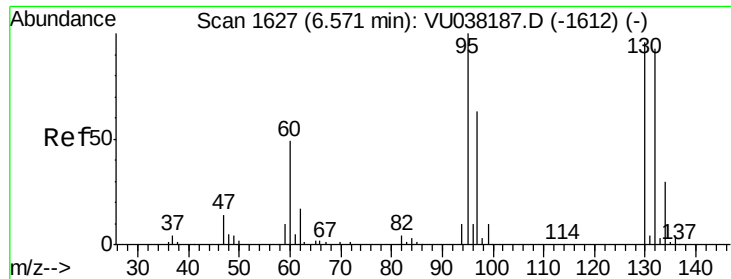
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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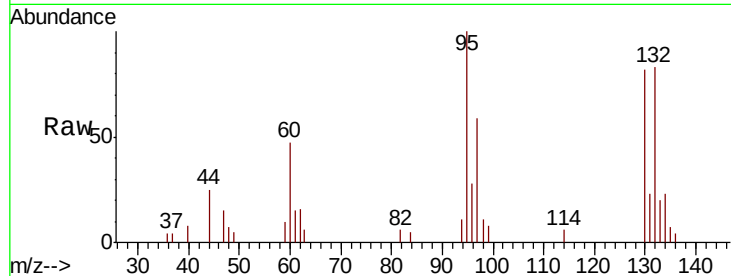




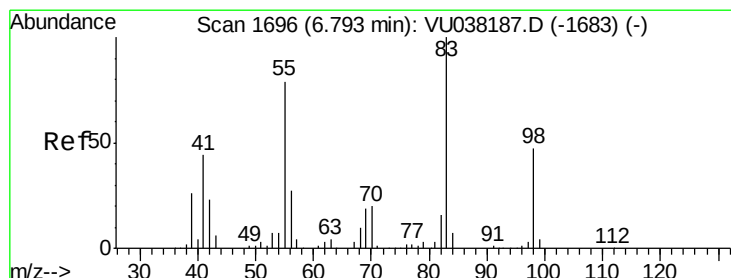
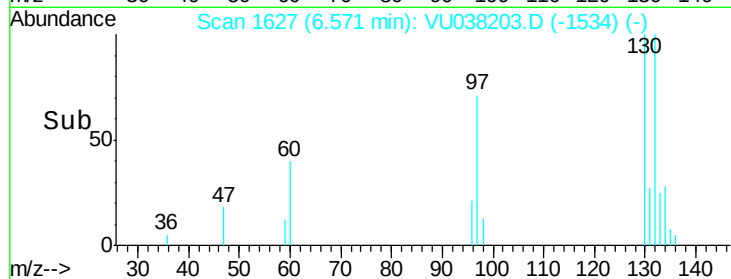
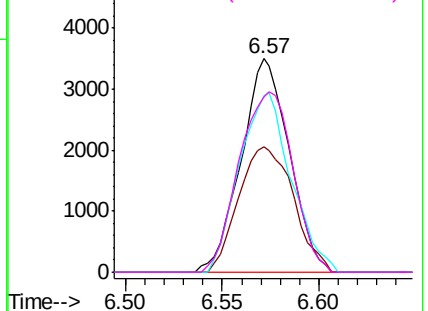
#34
 Trichloroethene
 Concen: 0.211 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038203.D
 Acq: 15 May 2020 17:13

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 6041
 Ion Ratio Lower Upper
 95 100
 97 58.8 44.9 83.3
 132 82.6 63.3 117.5
 130 82.3 65.7 122.1

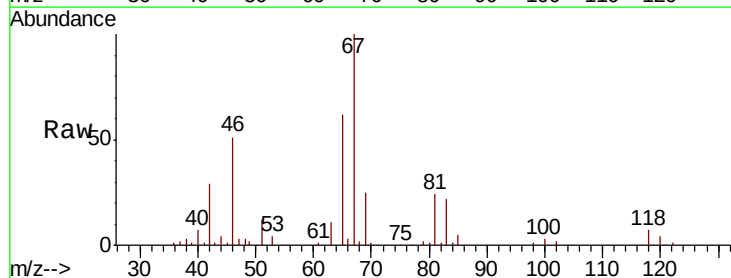


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

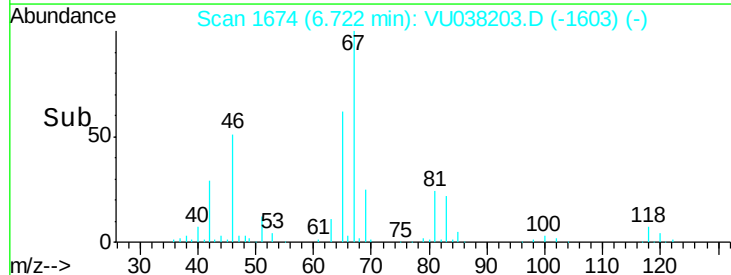
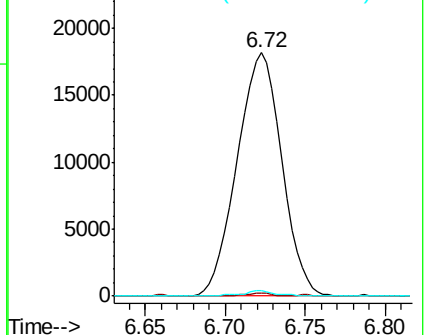


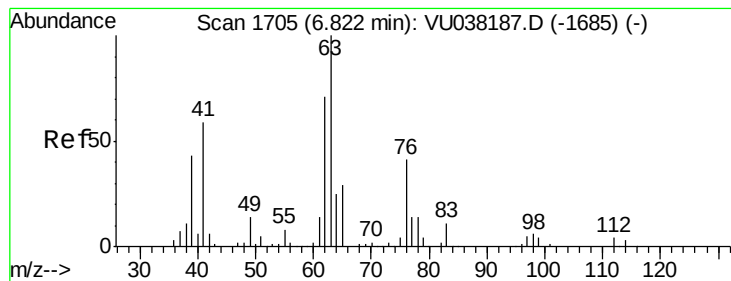
#35
 Methylcyclohexane
 Concen: 0.746 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038203.D
 Acq: 15 May 2020 17:13

Tgt Ion: 83 Resp: 34618
 Ion Ratio Lower Upper
 83 100
 55 0.6 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: 0.518 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038203.D

Acq: 15 May 2020 17:13

Instrument :

MSVOA_U

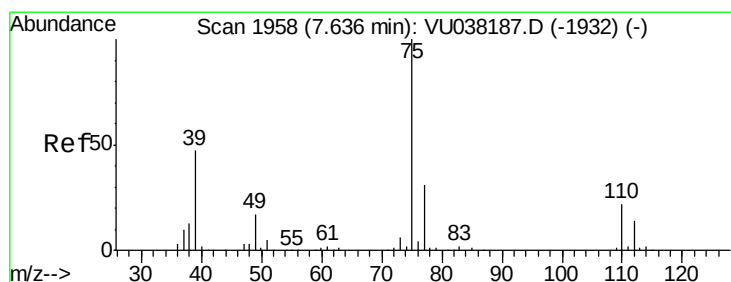
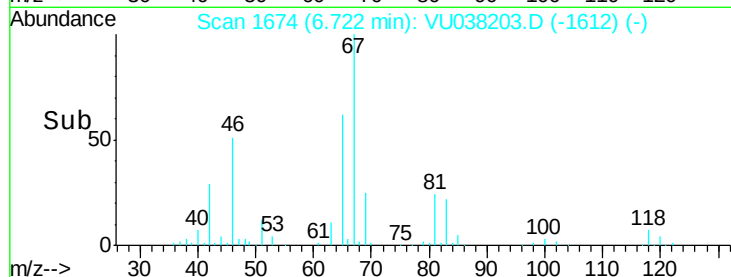
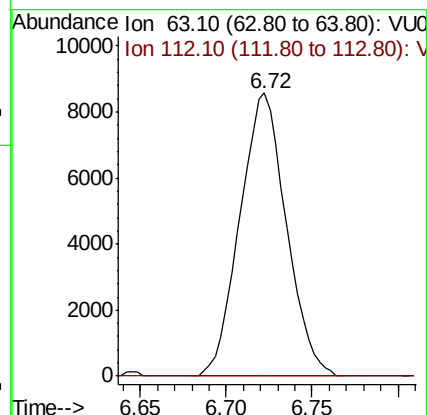
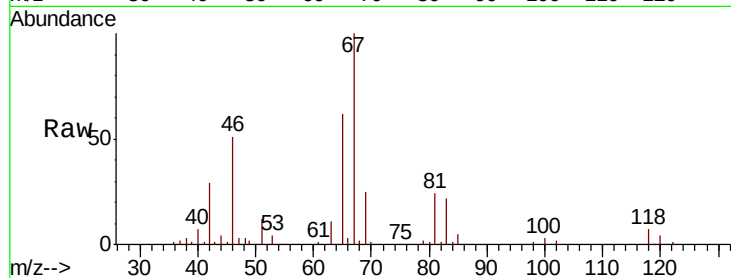
ClientSampleId :

Tot Ion: 63 Resp: 16109

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.05 min

Lab File: VU038203.D

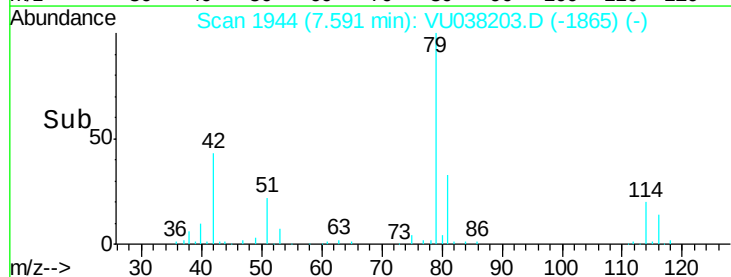
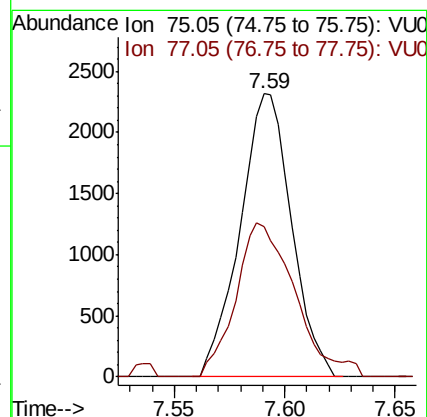
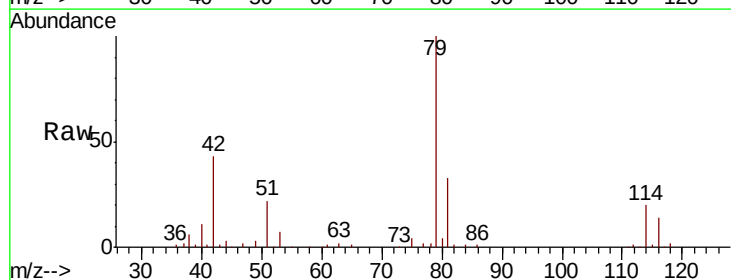
Acq: 15 May 2020 17:13

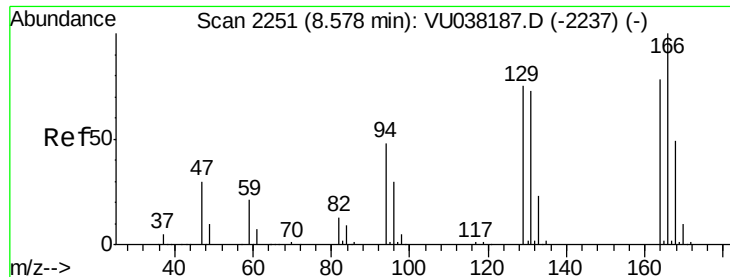
Tgt Ion: 75 Resp: 3745

Ion Ratio Lower Upper

75 100

77 52.9 22.4 41.6#

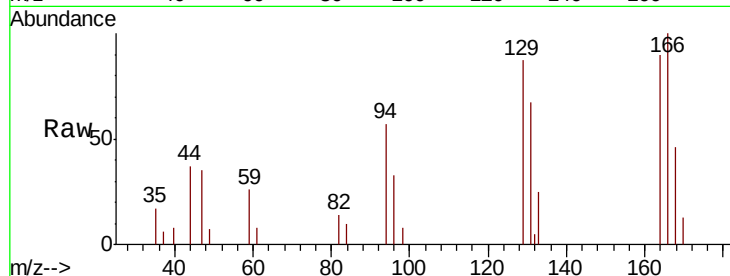




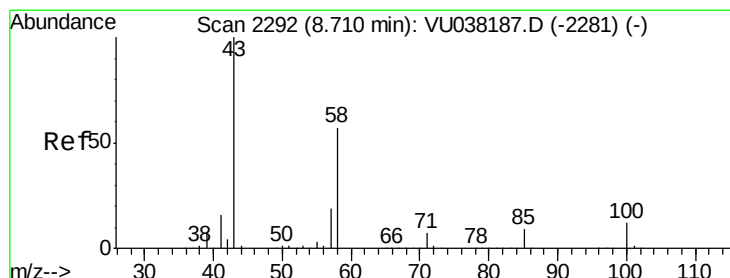
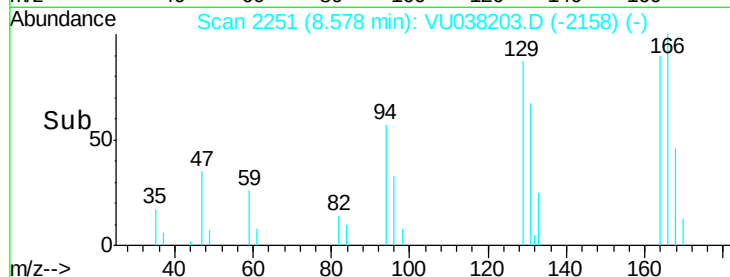
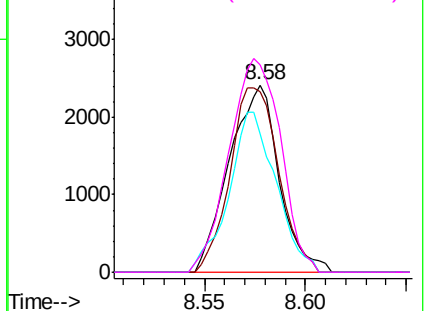
#47
Tetrachloroethene
Concen: 0.207 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU038203.D
Acq: 15 May 2020 17:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 4153
Ion Ratio Lower Upper
164 100
129 96.4 68.8 127.8
131 73.9 66.8 124.2
166 110.8 88.9 165.1

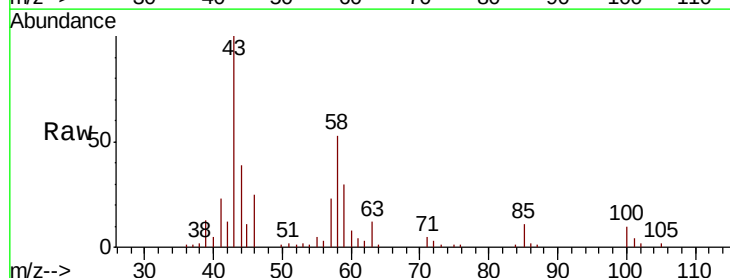


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

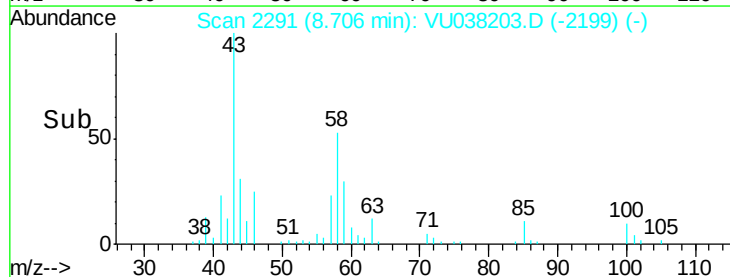
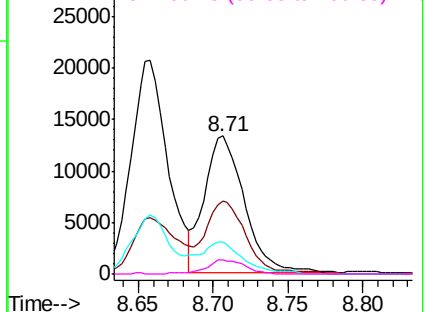


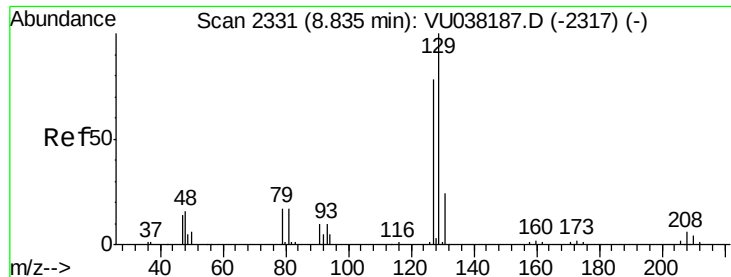
#48
2-Hexanone
Concen: 1.572 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038203.D
Acq: 15 May 2020 17:13

Tgt Ion: 43 Resp: 24820
Ion Ratio Lower Upper
43 100
58 53.3 45.2 67.8
57 19.1 15.5 23.3
100 9.9 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

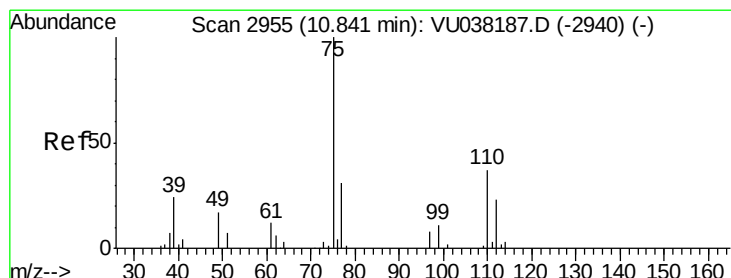
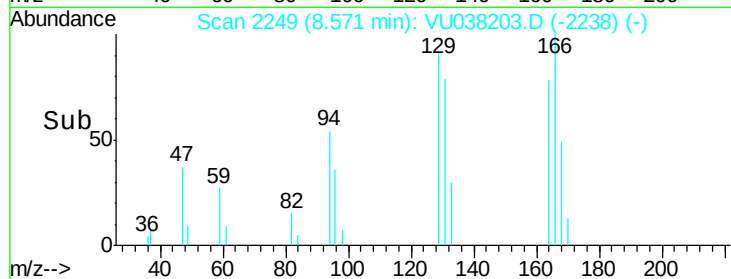
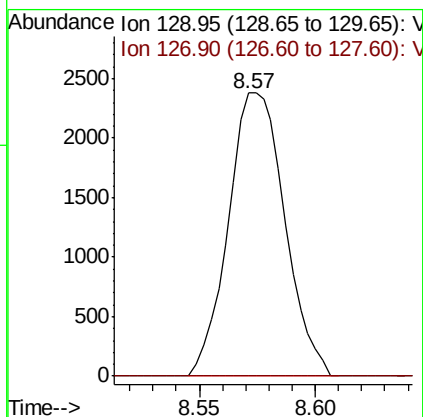
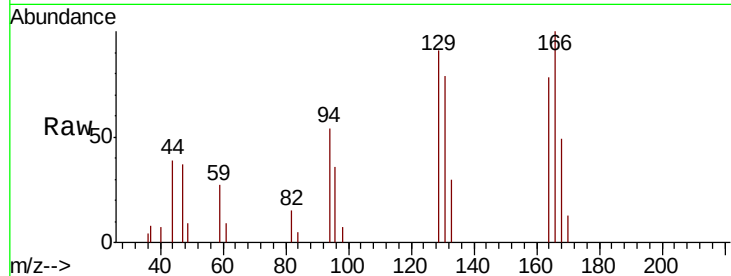




#49
 Dibromochloromethane
 Concen: 0.179 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU038203.D
 Acq: 15 May 2020 17:13

Instrument :
 MSVOA_U
 ClientSampleID :

Tot Ion:129 Resp: 4022
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.6 103.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.064 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038203.D
 Acq: 15 May 2020 17:13

Tgt Ion: 75 Resp: 22221
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.4 38.0

