

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038194.D
 Acq On : 15 May 2020 13:44
 Operator : JC/MD
 Sample : L2631-11DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:33:07 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	340928	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113640	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.93	69	117427	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	153428	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.67	46	420009	54.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	5.10	84	221790	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	134234	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	461284	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	155371	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	395729	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	53662	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.65	63	340452	56.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124497	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	148223	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

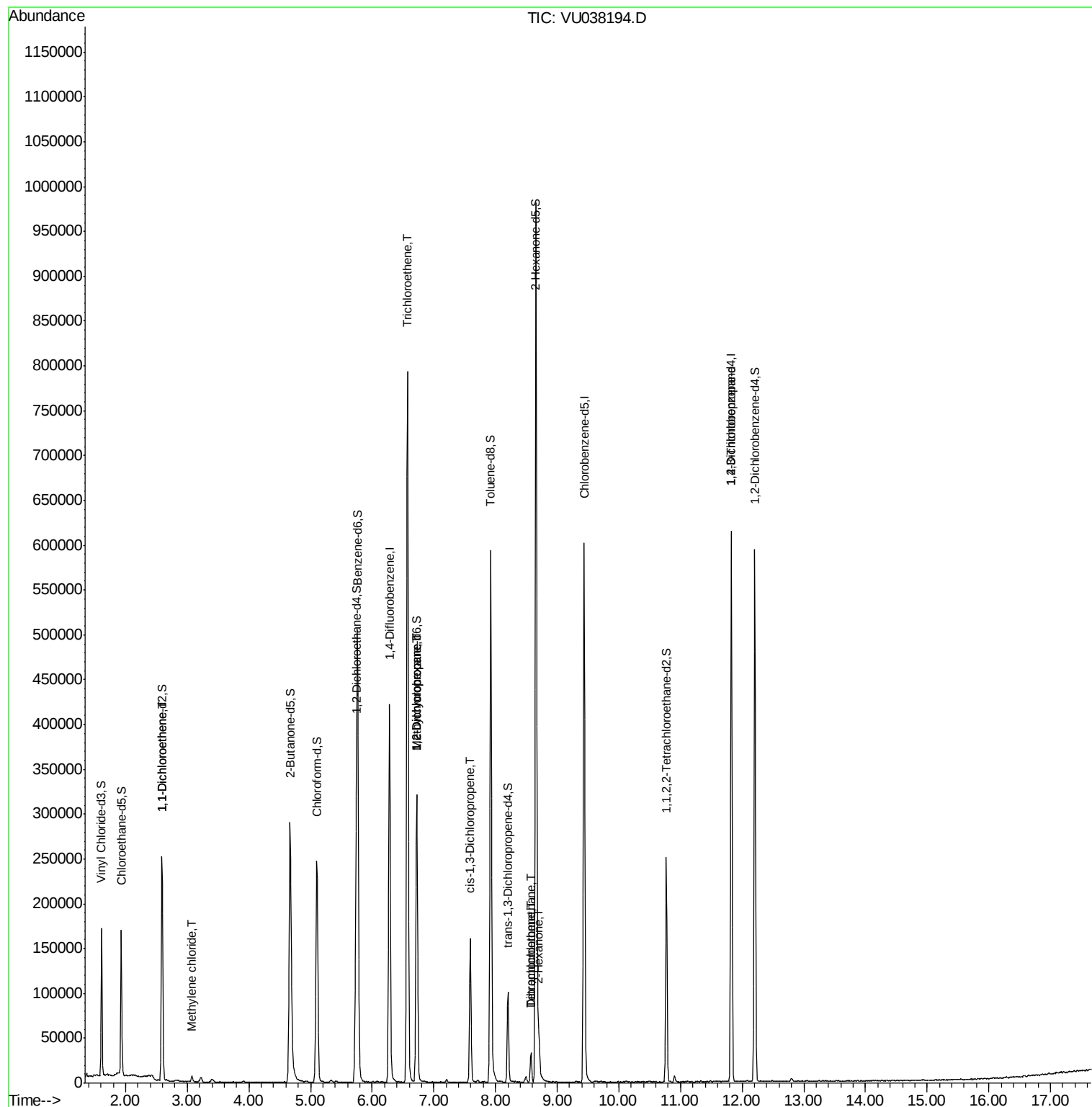
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1557	0.066	ug/L #	1
16) Methylene chloride	3.08	84	2643	0.096	ug/L	80
34) Trichloroethene	6.57	95	269759	10.200	ug/L	95
35) Methylcyclohexane	6.72	83	35113	0.820	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16225	0.565	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3492	0.085	ug/L #	49
47) Tetrachloroethene	8.57	164	7332	0.396	ug/L	96
48) 2-Hexanone	8.71	43	24233	1.662	ug/L #	92
49) Dibromochloromethane	8.58	129	7379	0.356	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	20774	1.078	ug/L	91

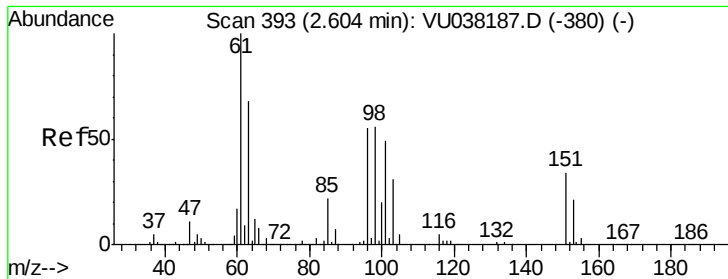
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 16 03:30:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038194.D

Acq: 15 May 2020 13:44

Instrument :

MSVOA_U

ClientSampled :

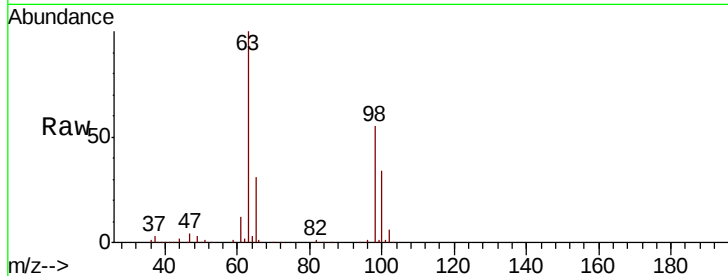
Tot Ion: 96 Resp: 1557

Ion Ratio Lower Upper

96 100

61 1106.6 126.2 234.4#

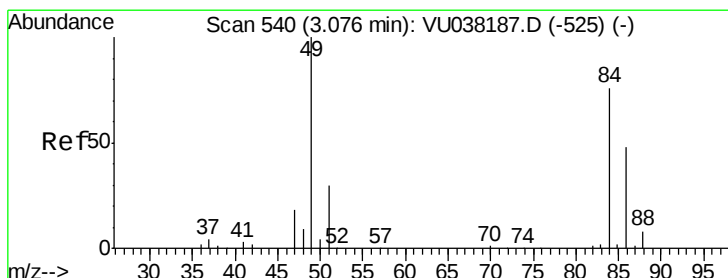
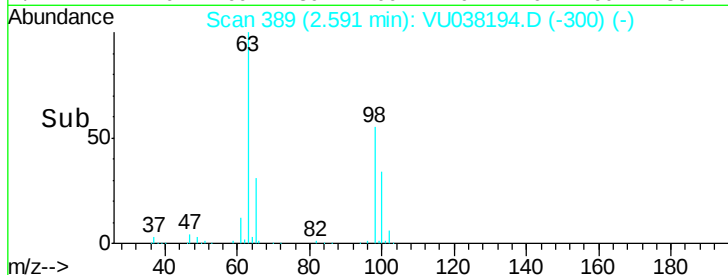
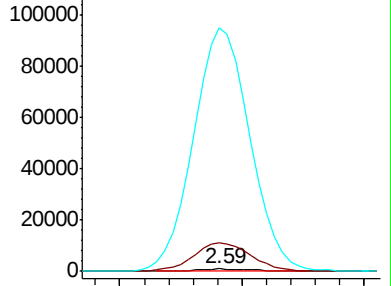
63 9488.2 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038187.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU038187.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU038187.D (-380) (-)



#16

Methylene chloride

Concen: 0.096 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038194.D

Acq: 15 May 2020 13:44

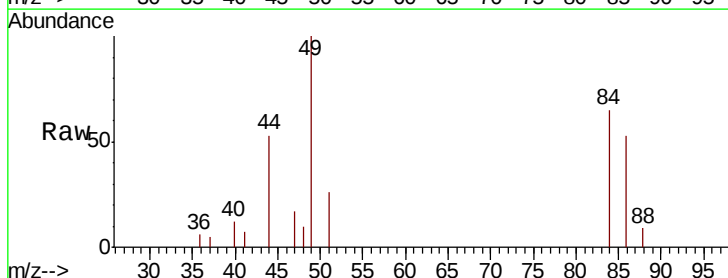
Tgt Ion: 84 Resp: 2643

Ion Ratio Lower Upper

84 100

86 81.3 44.9 83.3

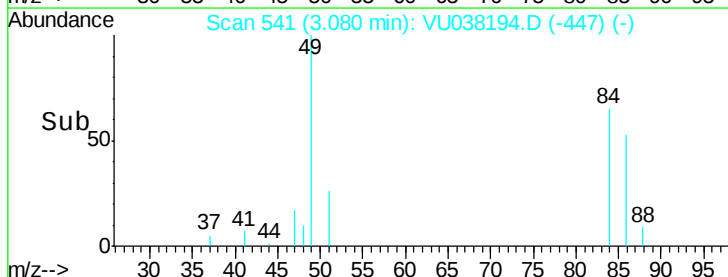
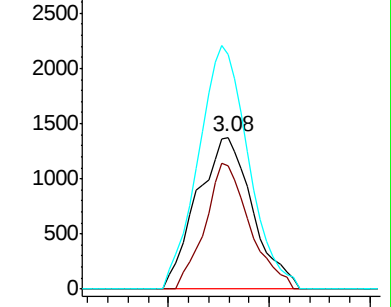
49 154.7 92.0 170.9

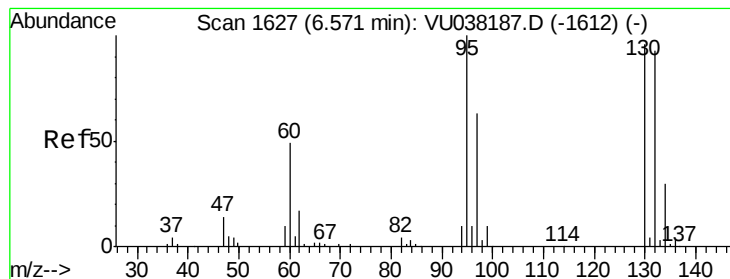


Abundance Ion 84.05 (83.75 to 84.75): VU038187.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038187.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038187.D (-525) (-)





#34

Trichloroethene

Concen: 10.200 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038194.D

Acq: 15 May 2020 13:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 269759

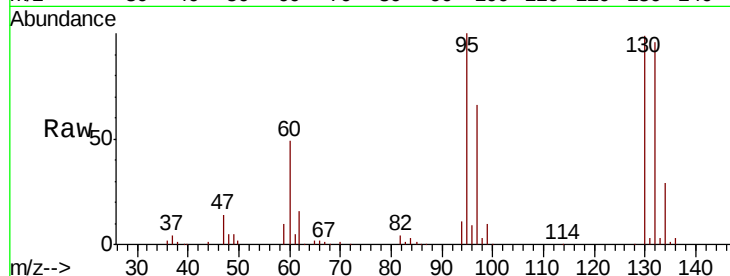
Ion Ratio Lower Upper

95 100

97 65.5 44.9 83.3

132 96.2 63.3 117.5

130 99.2 65.7 122.1

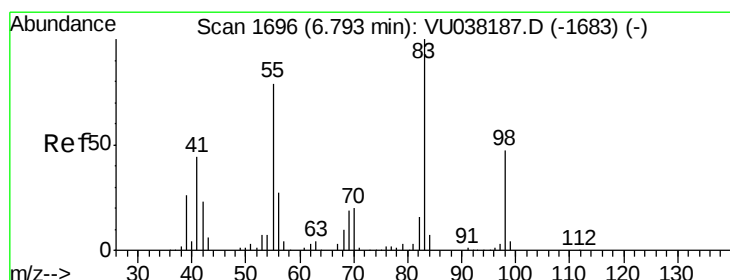
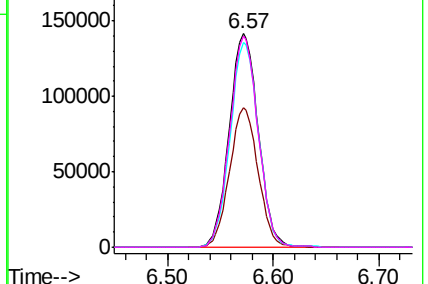
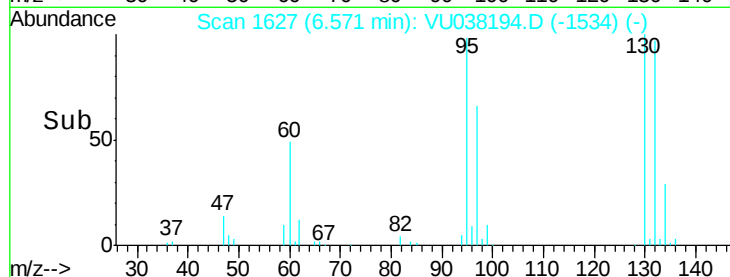


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.820 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038194.D

Acq: 15 May 2020 13:44

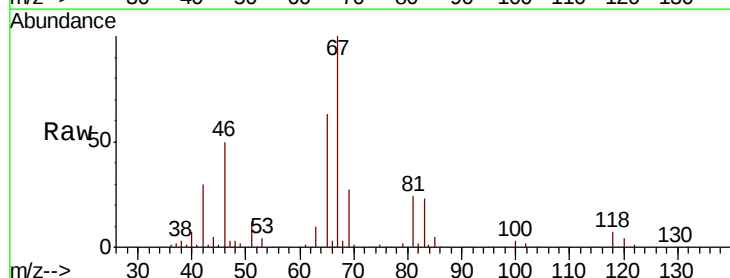
Tgt Ion: 83 Resp: 35113

Ion Ratio Lower Upper

83 100

55 0.3 66.7 100.1#

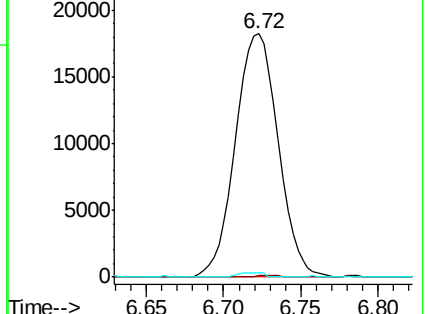
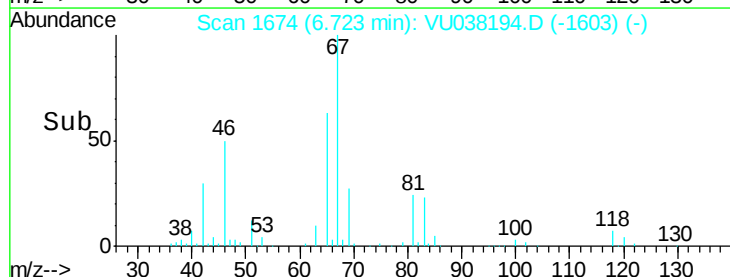
98 1.1 39.4 59.2#

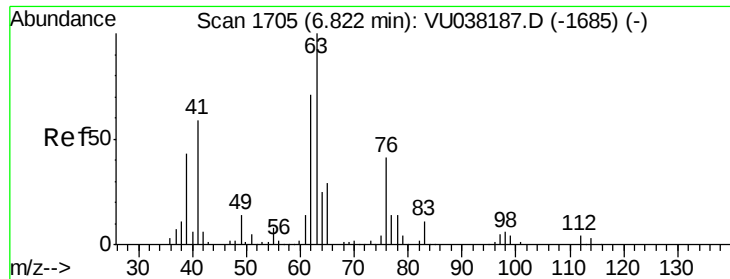


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

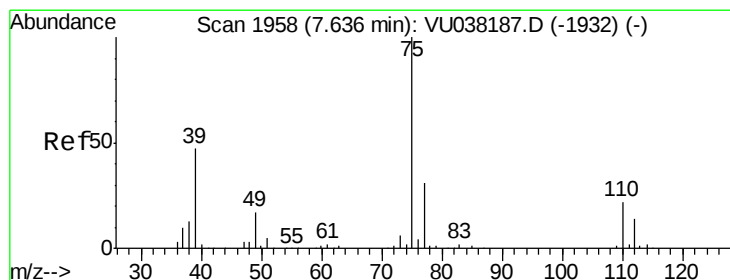
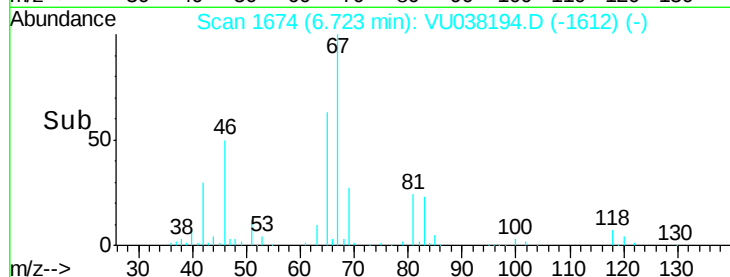
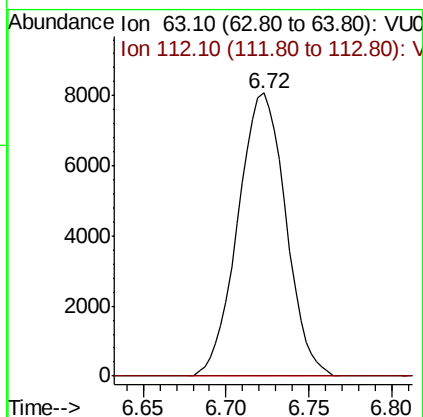
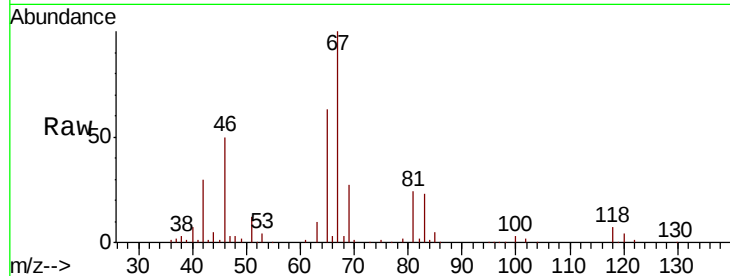




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038194.D
 Acq: 15 May 2020 13:44

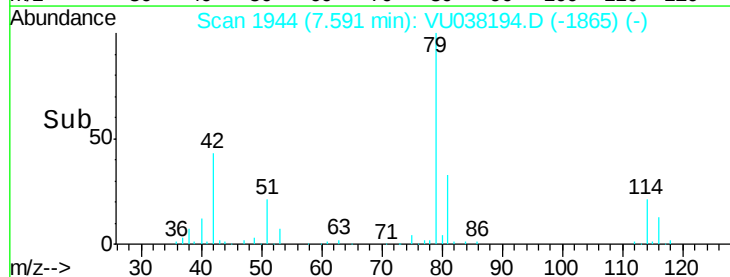
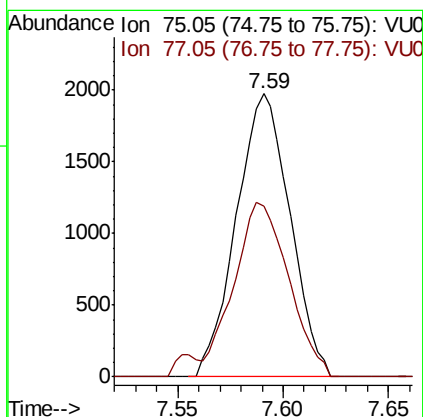
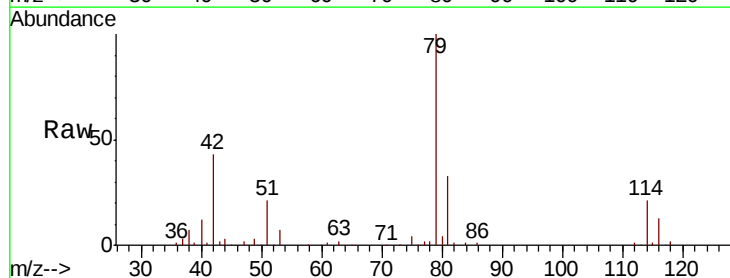
Instrument :
 MSVOA_U
 ClientSampleId :

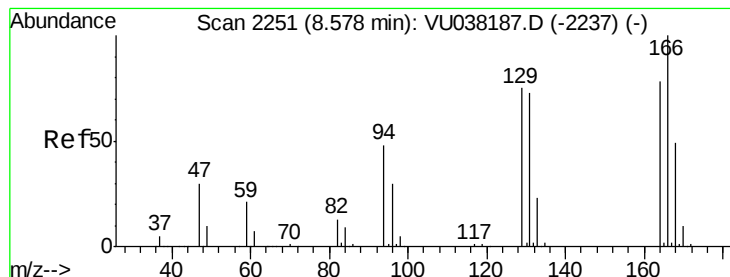
Tot Ion: 63 Resp: 16225
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038194.D
 Acq: 15 May 2020 13:44

Tgt Ion: 75 Resp: 3492
 Ion Ratio Lower Upper
 75 100
 77 60.5 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.396 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038194.D

Acq: 15 May 2020 13:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 7332

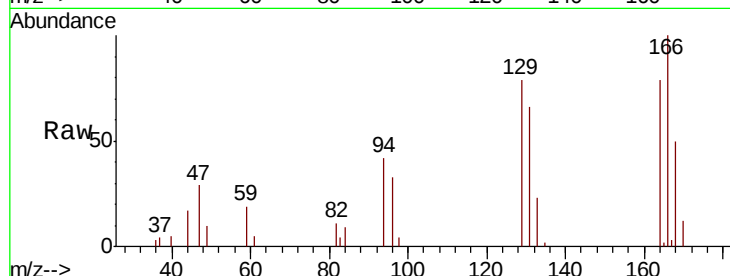
Ion Ratio Lower Upper

164 100

129 100.8 68.8 127.8

131 83.8 66.8 124.2

166 127.3 88.9 165.1

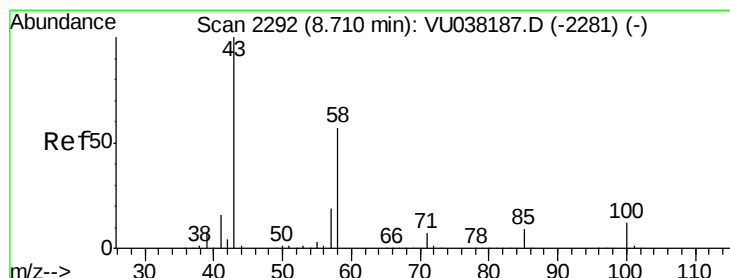
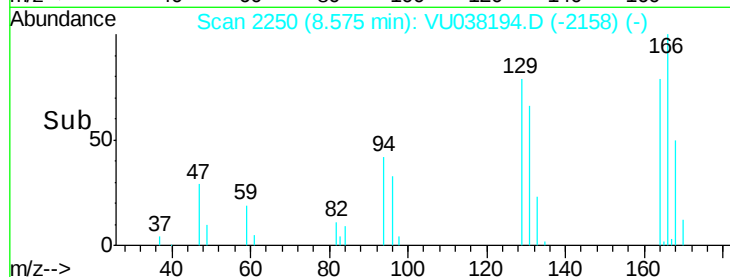
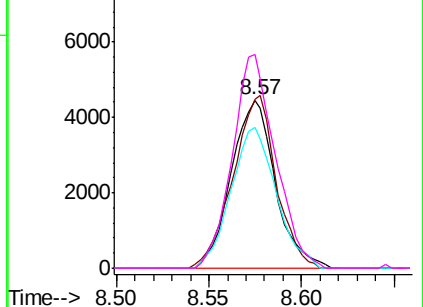


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.662 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038194.D

Acq: 15 May 2020 13:44

Tgt Ion: 43 Resp: 24233

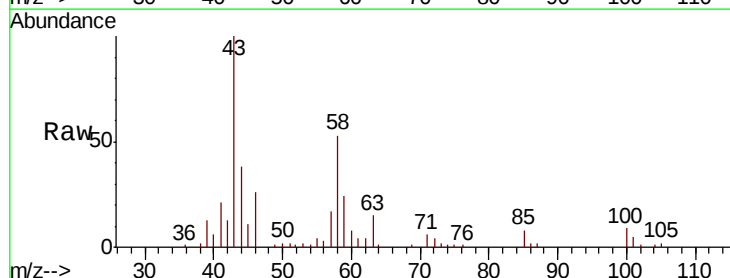
Ion Ratio Lower Upper

43 100

58 49.7 45.2 67.8

57 17.8 15.5 23.3

100 9.2 9.5 14.3#

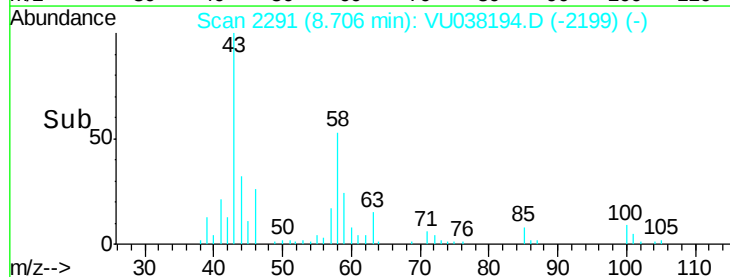
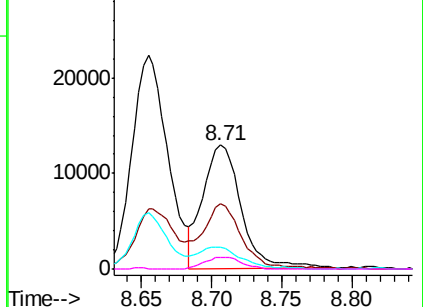


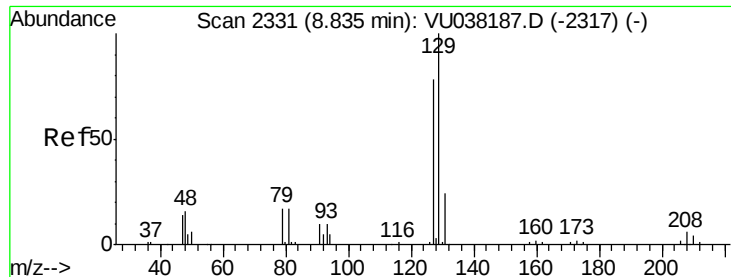
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

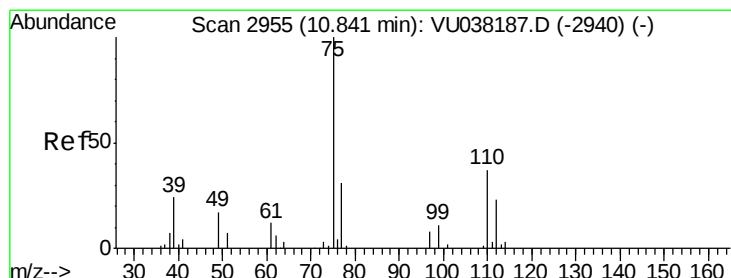
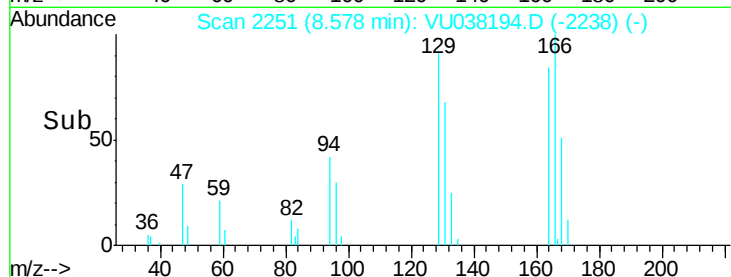
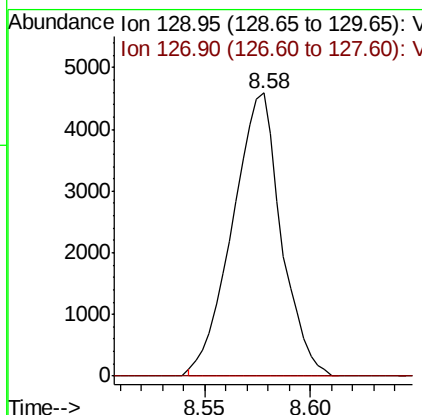
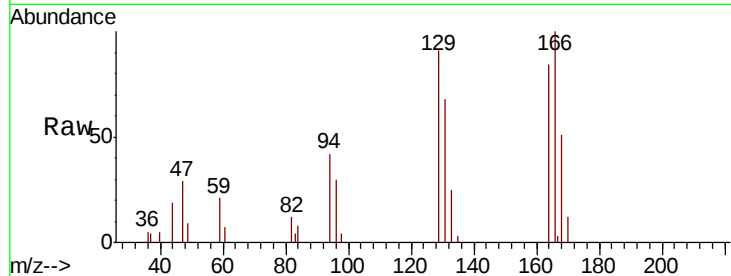




#49
 Dibromochloromethane
 Concen: 0.356 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. -0.26 min
 Lab File: VU038194.D
 Acq: 15 May 2020 13:44

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 7379
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.6 103.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.078 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038194.D
 Acq: 15 May 2020 13:44

Tgt Ion: 75 Resp: 20774
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.4 38.0

