

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038062.D
 Acq On : 08 May 2020 01:06
 Operator : JC/MD
 Sample : L2528-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK9

Quant Time: May 08 05:34:22 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	375003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	369882	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	173394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147332	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	124243	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.59	63	182183	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	366238	43.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.56%
24) Chloroform-d	5.10	84	215224	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.74	65	128573	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.76	84	493881	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	158566	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	437540	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.20	79	56219	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.65	63	297638	43.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116243	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	151297	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

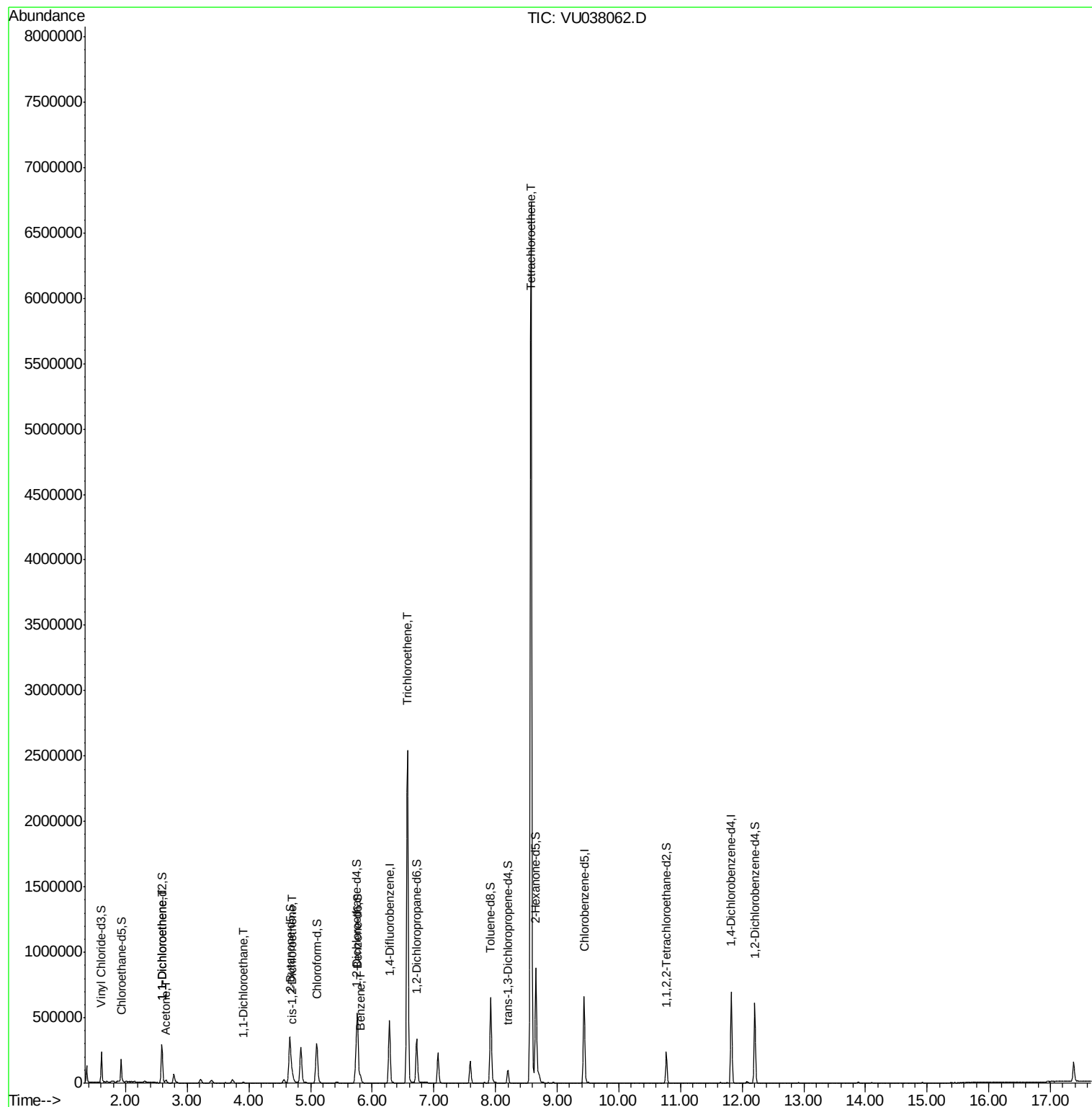
					Ovalue
12) 1,1-Dichloroethene	2.59	96	2137	0.082 ug/L	# 1
13) Acetone	2.65	43	24811	4.673 ug/L	97
19) 1,1-Dichloroethane	3.91	63	7182	0.129 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	25309	0.827 ug/L	98
33) Benzene	5.81	78	52235	0.441 ug/L	100
34) Trichloroethene	6.57	95	863183	29.137 ug/L	99
47) Tetrachloroethene	8.57	164	1471888	71.032 ug/L	99

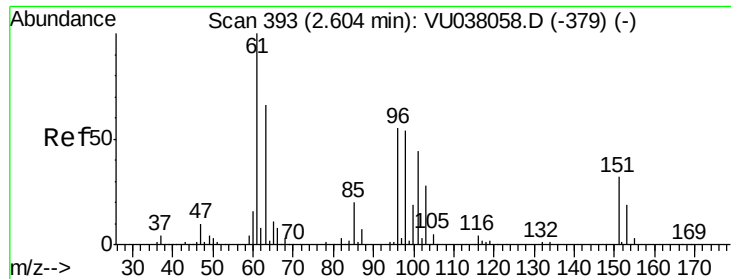
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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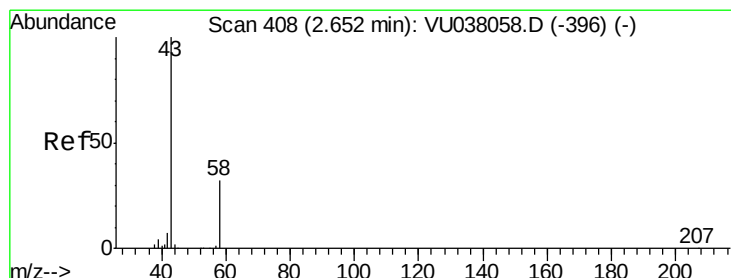
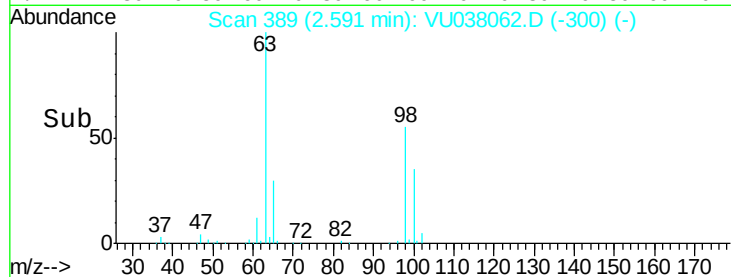
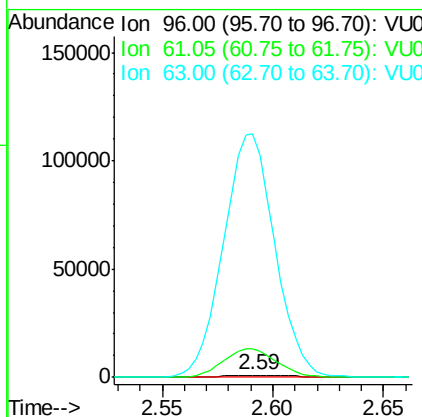
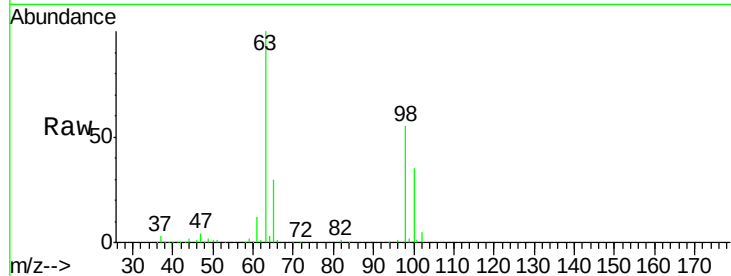




#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU038062.D
 Acq: 08 May 2020 01:06

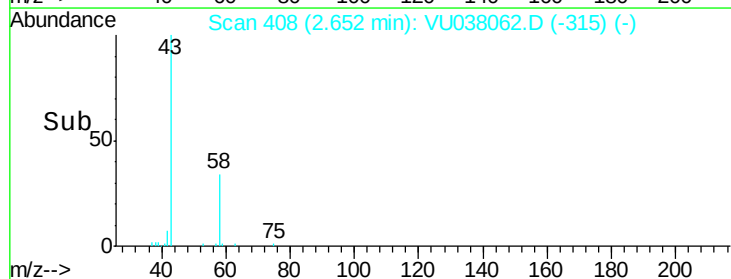
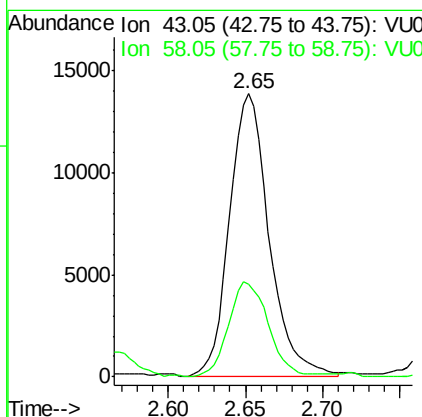
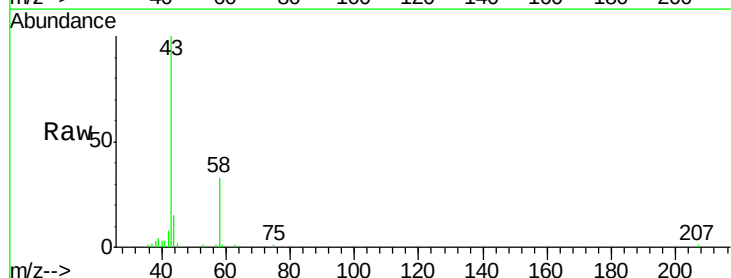
Instrument :
 MSVOA_U
 ClientSampled :
 BFSK9

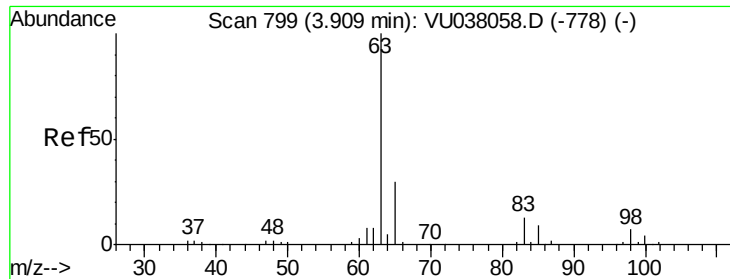
Tot Ion: 96 Resp: 2137
 Ion Ratio Lower Upper
 96 100
 61 1258.9 126.2 234.4#
 63 10697.6 96.9 179.9#



#13
 Acetone
 Concen: 4.673 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU038062.D
 Acq: 08 May 2020 01:06

Tgt Ion: 43 Resp: 24811
 Ion Ratio Lower Upper
 43 100
 58 33.4 0.0 63.6

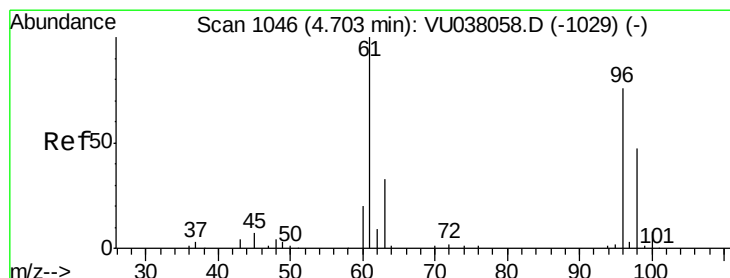
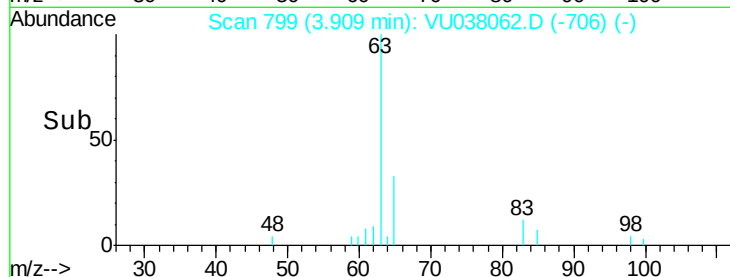
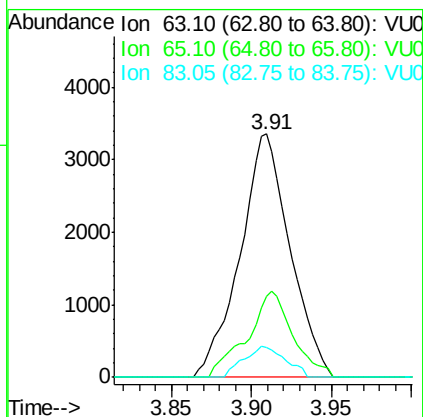
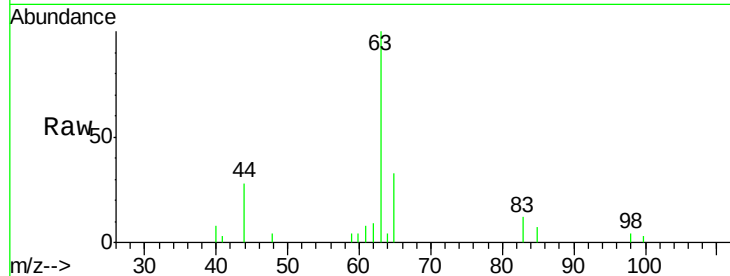




#19
 1,1-Dichloroethane
 Concen: 0.129 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038062.D
 Acq: 08 May 2020 01:06

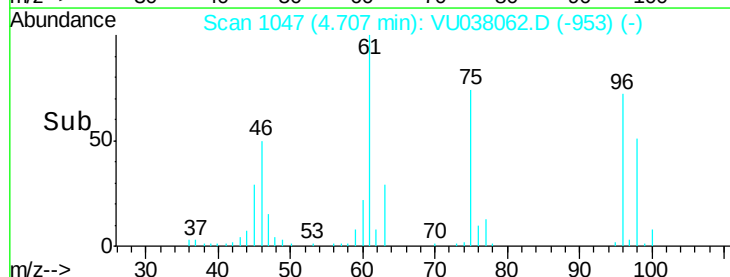
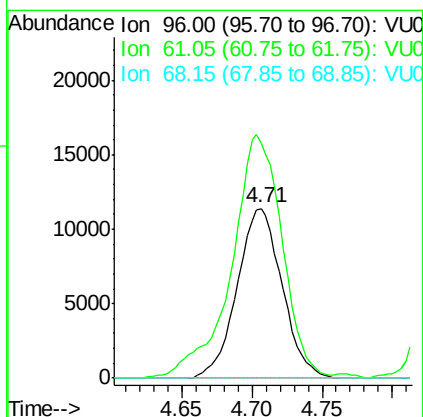
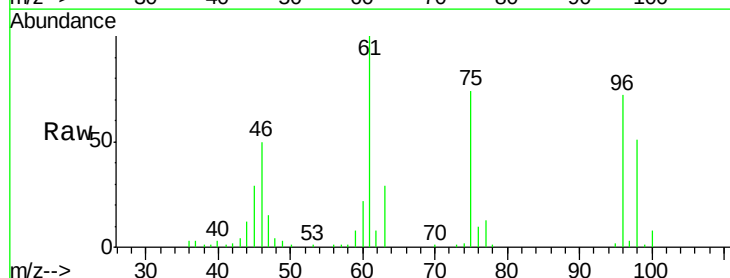
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK9

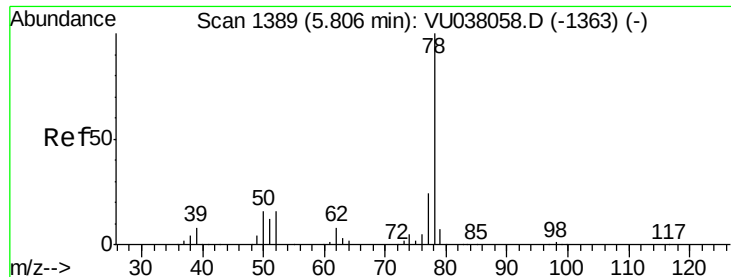
Tot Ion: 63 Resp: 7182
 Ion Ratio Lower Upper
 63 100
 65 33.4 22.5 41.7
 83 12.4 8.9 16.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.827 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038062.D
 Acq: 08 May 2020 01:06

Tgt Ion: 96 Resp: 25309
 Ion Ratio Lower Upper
 96 100
 61 138.2 95.3 176.9
 68 0.0 0.0 0.0





#33

Benzene

Concen: 0.441 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038062.D

Acq: 08 May 2020 01:06

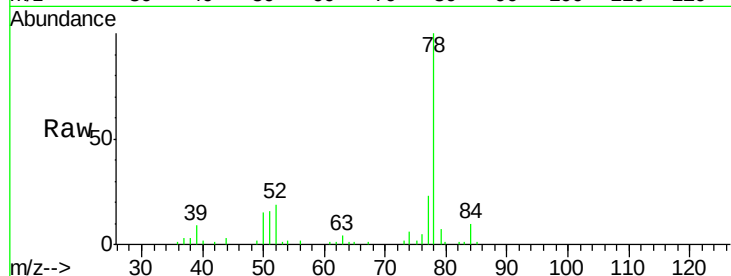
Instrument :

MSVOA_U

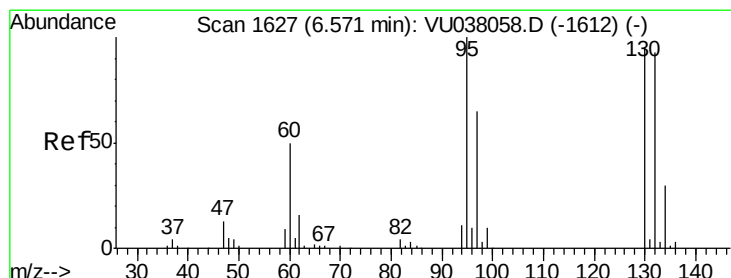
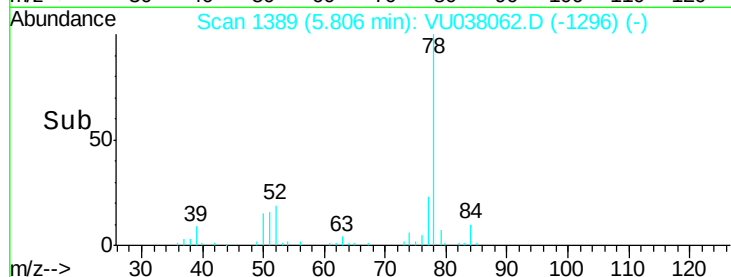
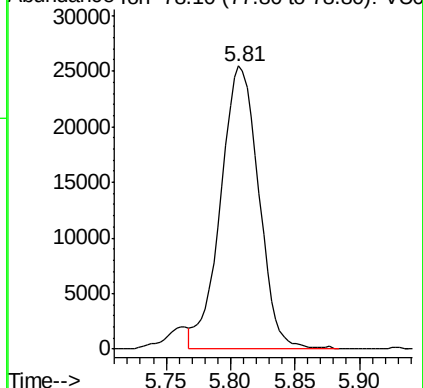
ClientSampleId :

BFSK9

Tgt Ion: 78 Resp: 52235



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 29.137 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038062.D

Acq: 08 May 2020 01:06

Tgt Ion: 95 Resp: 863183

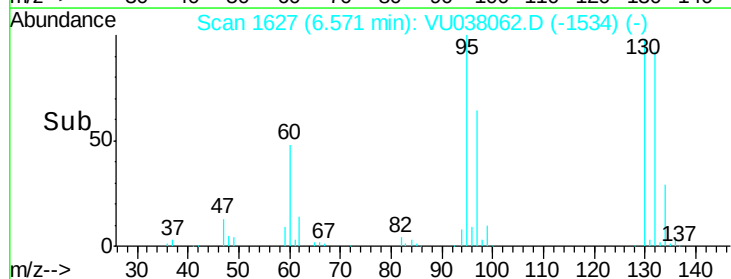
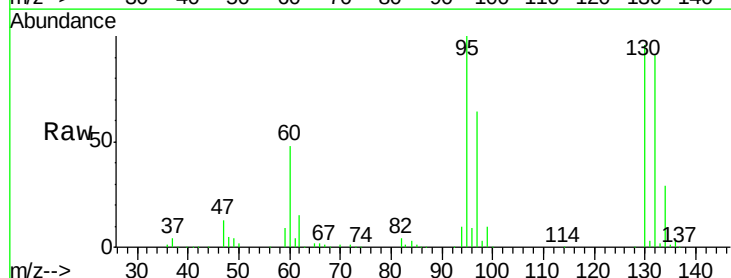
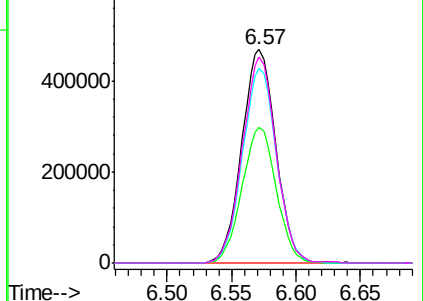
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.9	83.3
132	91.1	63.3	117.5
130	96.4	65.7	122.1

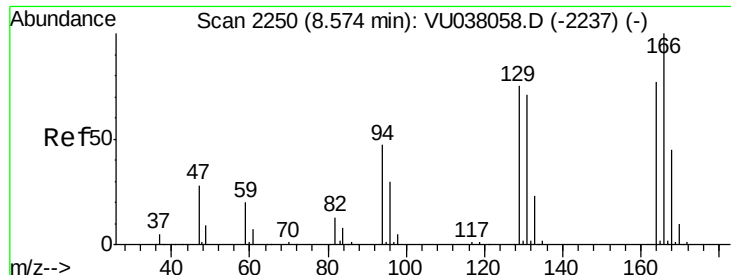
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#47

Tetrachloroethene

Concen: 71.032 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038062.D

Acq: 08 May 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

BFSK9

Tot Ion:164 Resp: 1471888

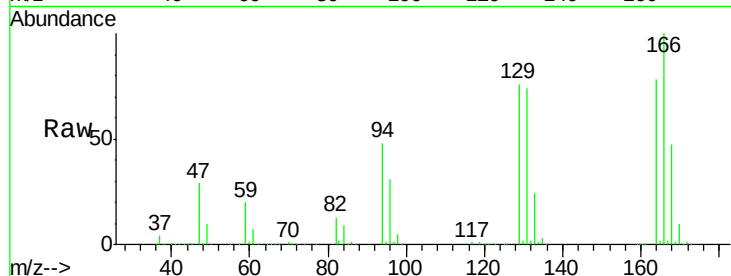
Ion Ratio Lower Upper

164 100

129 97.8 68.8 127.8

131 94.0 66.8 124.2

166 127.9 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

