

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022838.D
 Acq On : 15 Oct 2021 15:55
 Operator : SY/MD
 Sample : M4223-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC4DL

Quant Time: Oct 16 05:29:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

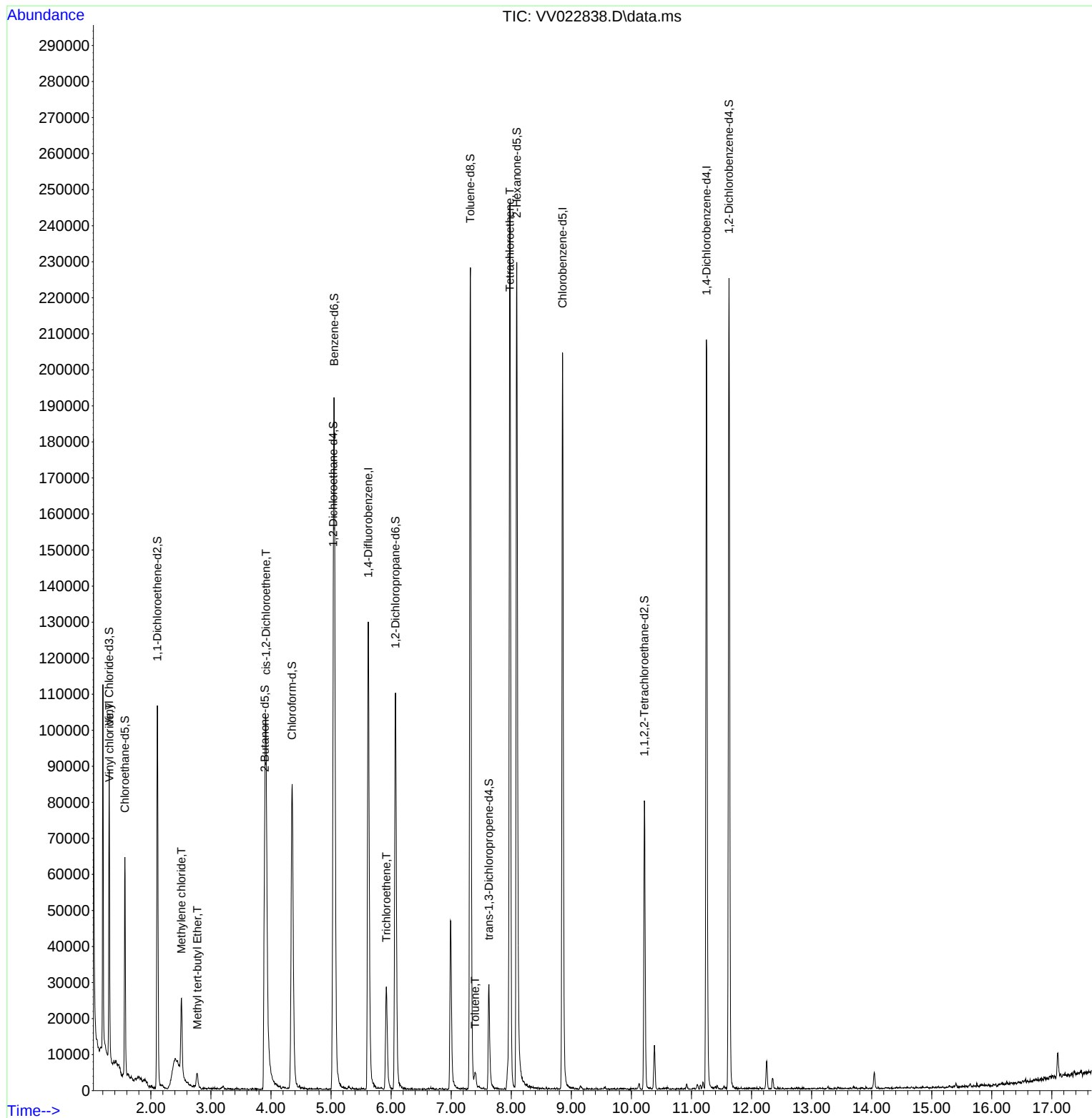
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47183	5.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.000%
7) Chloroethane-d5	1.568	69	35882	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.108	63	54390	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.896	46	94108	45.295	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.600%
24) Chloroform-d	4.352	84	90452	5.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.037	65	41853	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.053	84	178244	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.072	67	55306	5.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.320	98	152871	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.628	79	16795	4.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.091	63	79166	56.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38395	5.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	58729	5.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	2208	0.253	ug/L #	70
16) Methylene chloride	2.510	84	8718	0.910	ug/L	90
17) Methyl tert-butyl Ether	2.773	73	3222	0.191	ug/L #	86
22) cis-1,2-Dichloroethene	3.915	96	41704	5.250	ug/L	98
34) Trichloroethene	5.921	95	10373	1.196	ug/L	93
42) Toluene	7.400	91	3458	0.107	ug/L	94
47) Tetrachloroethene	7.979	164	57429	8.187	ug/L	97

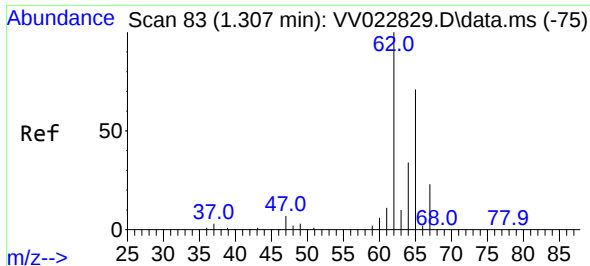
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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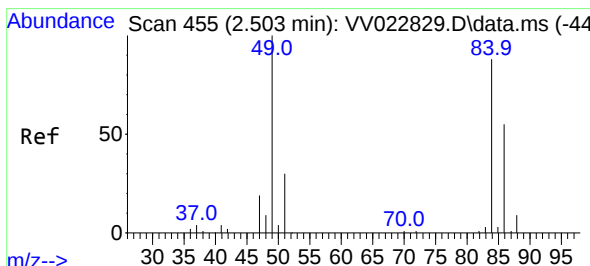
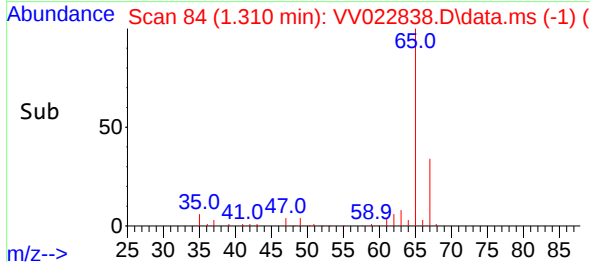
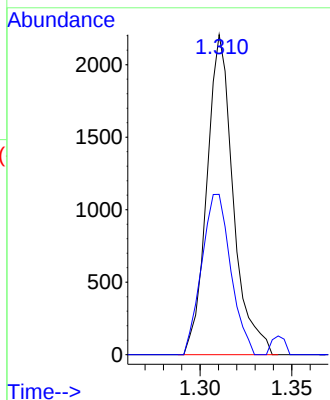
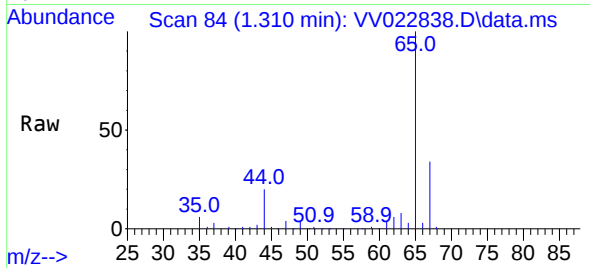




#5
 Vinyl chloride
 Concen: 0.253 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022838.D
 Acq: 15 Oct 2021 15:55

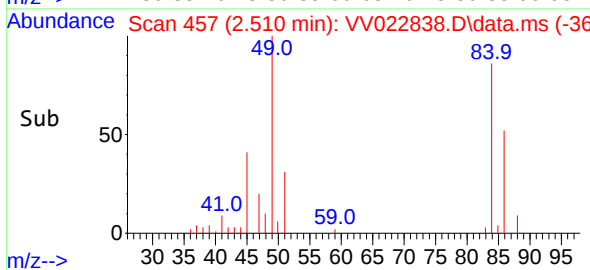
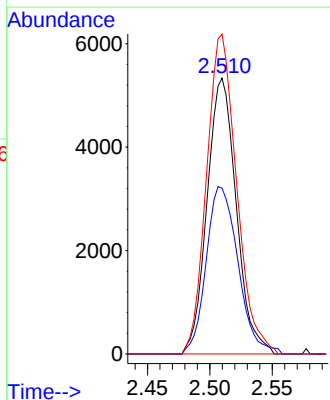
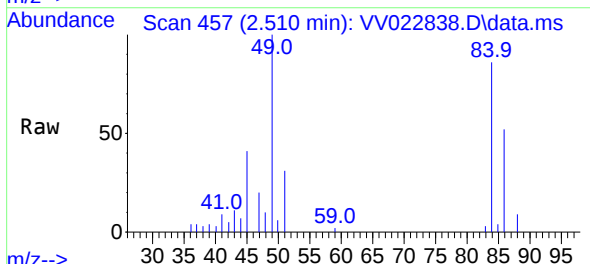
Instrument :
 MSVOA_V
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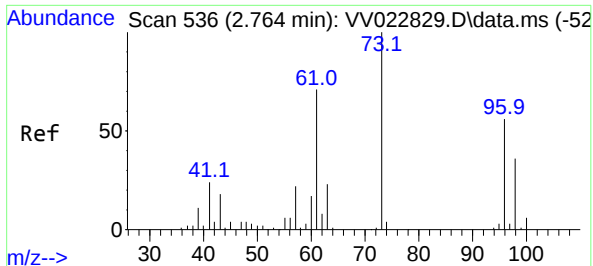
Tgt Ion: 62 Resp: 2208
 Ion Ratio Lower Upper
 62 100
 64 50.1 23.0 42.8#



#16
 Methylene chloride
 Concen: 0.910 ug/L
 RT: 2.510 min Scan# 457
 Delta R.T. 0.006 min
 Lab File: VV022838.D
 Acq: 15 Oct 2021 15:55

Tgt Ion: 84 Resp: 8718
 Ion Ratio Lower Upper
 84 100
 86 60.1 45.8 85.2
 49 116.0 90.3 167.7

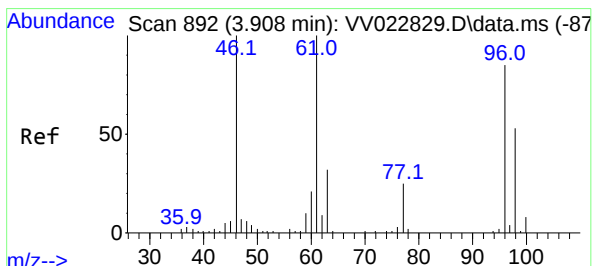
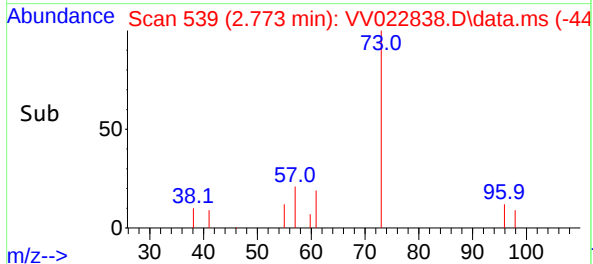
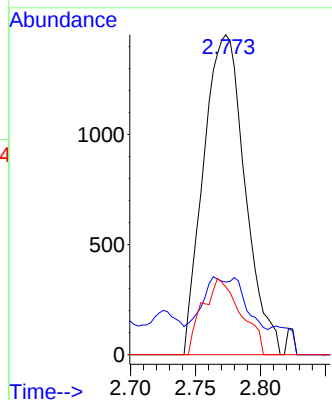
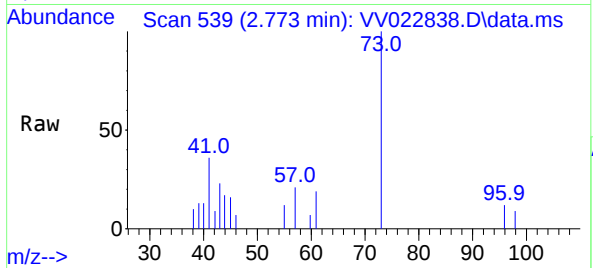




#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022838.D
Acq: 15 Oct 2021 15:55

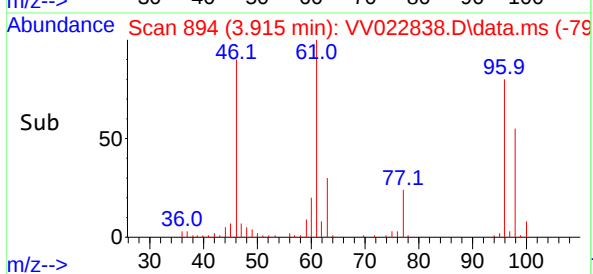
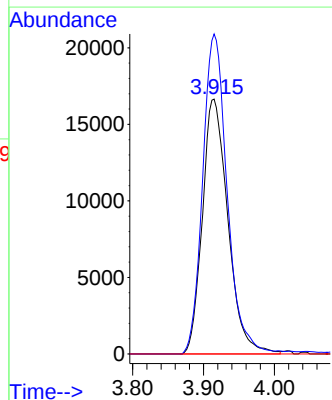
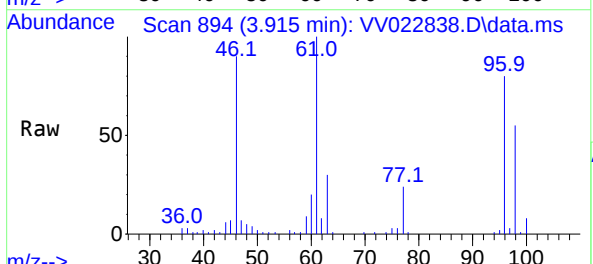
Instrument :
MSVOA_V
ClientSampleId :
BFGC4DL

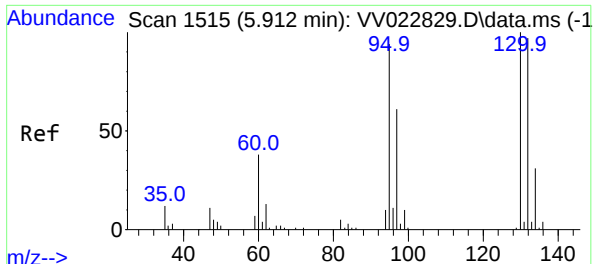
Tgt Ion: 73 Resp: 3222
Ion Ratio Lower Upper
73 100
43 8.2 17.1 25.7#
57 22.0 17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 5.250 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022838.D
Acq: 15 Oct 2021 15:55

Tgt Ion: 96 Resp: 41704
Ion Ratio Lower Upper
96 100
61 125.6 86.0 159.6
68 0.0 0.0 0.0

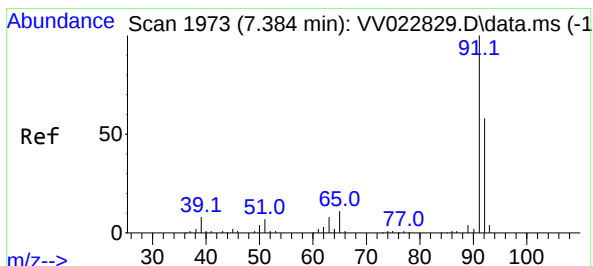
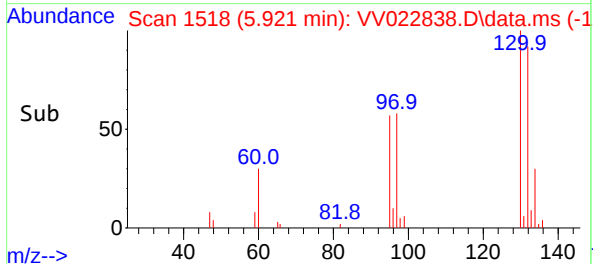
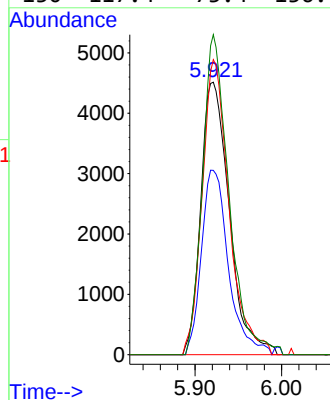
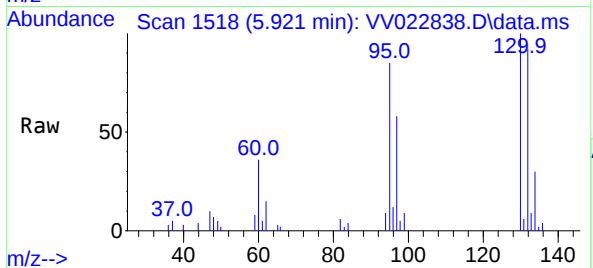




#34
Trichloroethene
Concen: 1.196 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022838.D
Acq: 15 Oct 2021 15:55

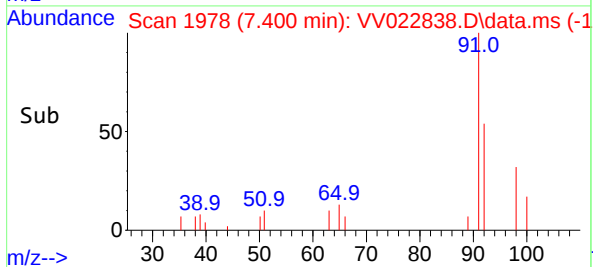
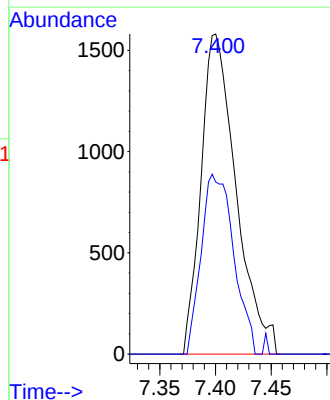
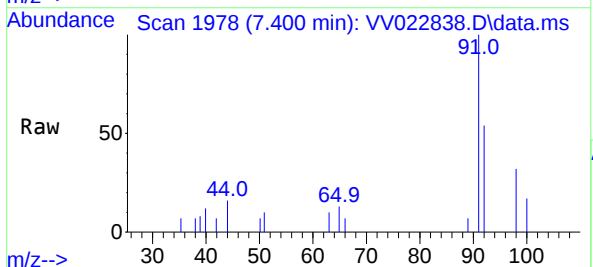
Instrument :
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Tgt Ion: 95 Resp: 10373
Ion Ratio Lower Upper
95 100
97 67.6 45.8 85.2
132 108.3 72.2 134.0
130 117.4 73.4 136.4

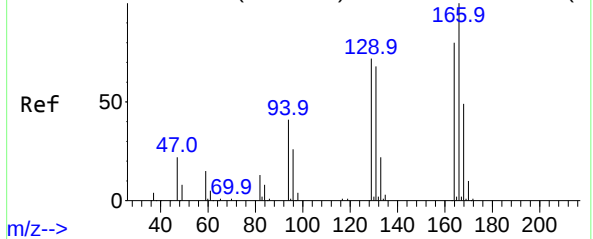


#42
Toluene
Concen: 0.107 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022838.D
Acq: 15 Oct 2021 15:55

Tgt Ion: 91 Resp: 3458
Ion Ratio Lower Upper
91 100
92 53.8 40.7 75.7



Abundance Scan 2157 (7.976 min): VV022829.D\data.ms (-2



#47

Tetrachloroethene

Concen: 8.187 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022838.D

Acq: 15 Oct 2021 15:55

Tgt Ion:164 Resp: 57429

Ion Ratio Lower Upper

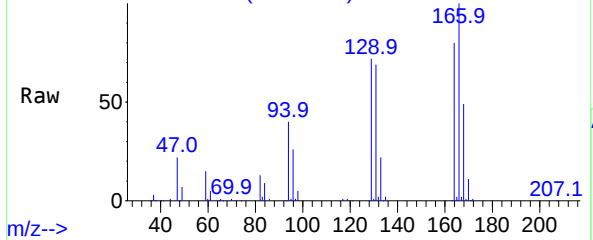
164 100

129 90.3 65.0 120.6

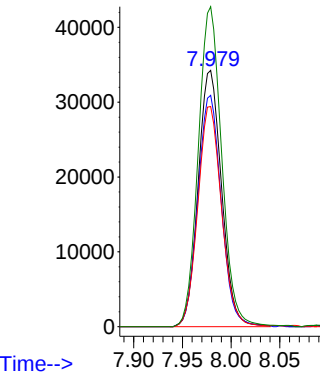
131 85.9 62.2 115.4

166 124.8 89.2 165.8

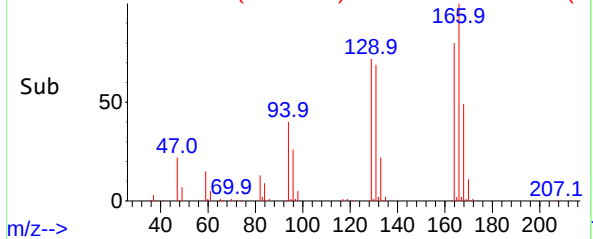
Abundance Scan 2158 (7.979 min): VV022838.D\data.ms



Abundance



Abundance Scan 2158 (7.979 min): VV022838.D\data.ms (-2



Instrument :
MSVOA_V
ClientSampleId :
BFGC4DL