

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032018.D
 Acq On : 11 Sep 2023 11:56
 Operator : SY/MD
 Sample : 04307-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4J0

Quant Time: Sep 12 05:59:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

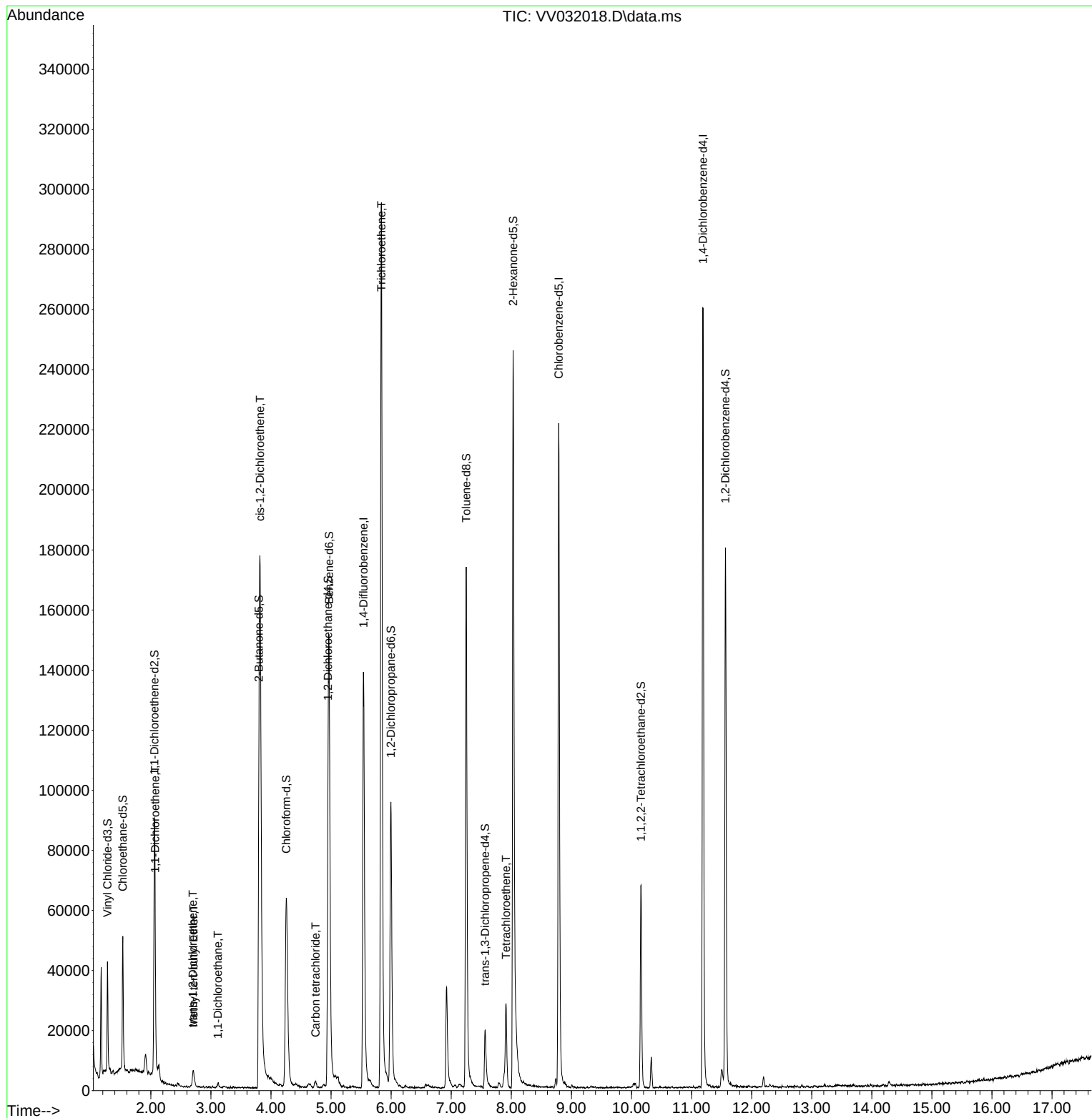
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	122338	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	119441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22927	5.549	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.000%	
7) Chloroethane-d5	1.532	69	28313	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	119.600%	
11) 1,1-Dichloroethene-d2	2.060	65	13182	5.421	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.400%	
20) 2-Butanone-d5	3.799	46	122448	61.219	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.440%	
24) Chloroform-d	4.256	84	66959	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	4.950	65	35967	4.991	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	4.966	84	136939	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	5.995	67	47922	5.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.249	98	117982	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.564	79	12476	3.570	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.400%	
46) 2-Hexanone-d5	8.031	63	89727	48.154	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.300%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34063	4.954	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	44172	4.221	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.073	96	6006	1.091	ug/L #	16
17) Methyl tert-butyl Ether	2.712	73	3865	0.226	ug/L	92
18) trans-1,2-Dichloroethene	2.700	96	894	0.143	ug/L	90
19) 1,1-Dichloroethane	3.114	63	1816	0.141	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	74090	10.303	ug/L	99
31) Carbon tetrachloride	4.741	117	1366	0.146	ug/L #	45
34) Trichloroethene	5.838	95	109836	13.659	ug/L	98
47) Tetrachloroethene	7.912	164	6408	1.247	ug/L	96

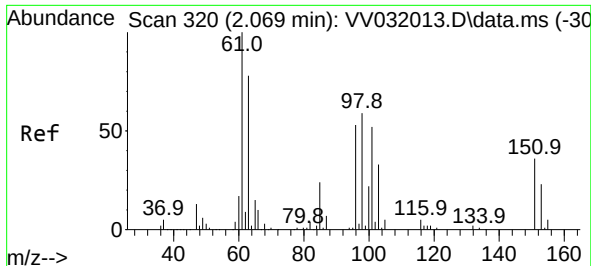
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.091 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032018.D

Acq: 11 Sep 2023 11:56

Instrument :

MSVOA_V

ClientSampleId :

BH4J0

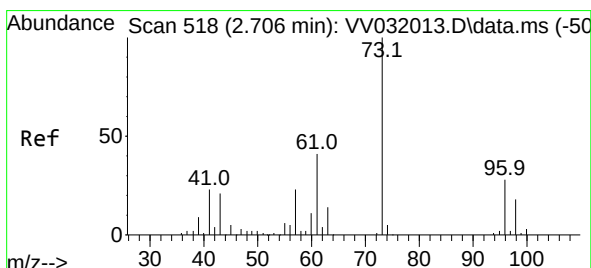
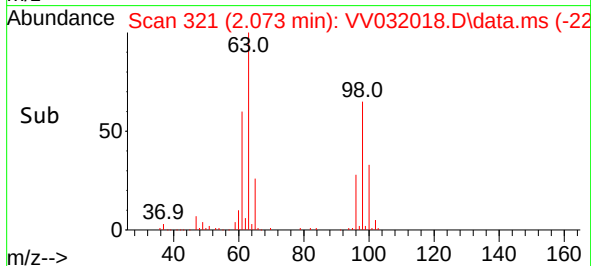
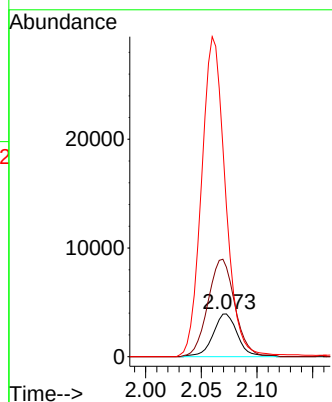
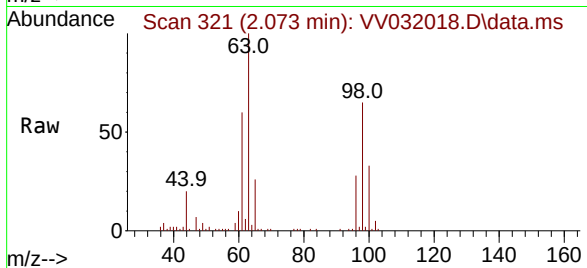
Tgt Ion: 96 Resp: 6006

Ion Ratio Lower Upper

96 100

61 209.4 129.0 239.6

63 351.8 99.0 183.8#



#17

Methyl tert-butyl Ether

Concen: 0.226 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.007 min

Lab File: VV032018.D

Acq: 11 Sep 2023 11:56

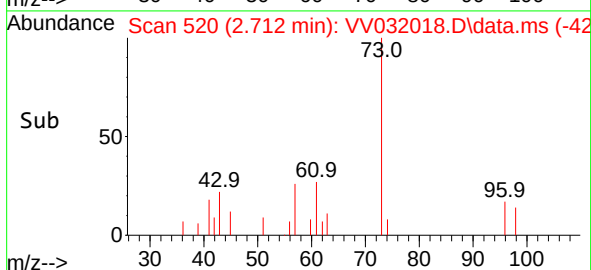
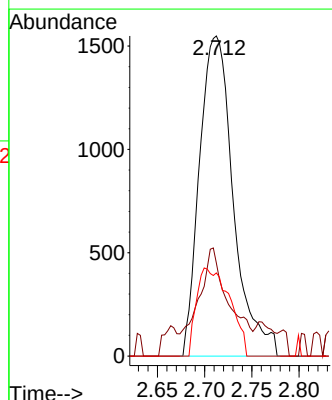
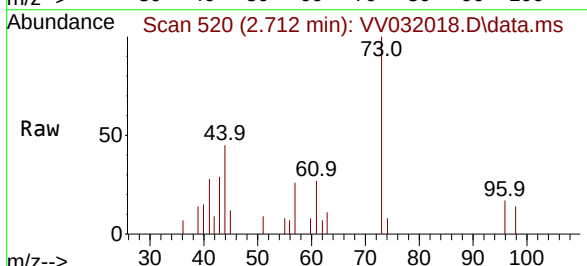
Tgt Ion: 73 Resp: 3865

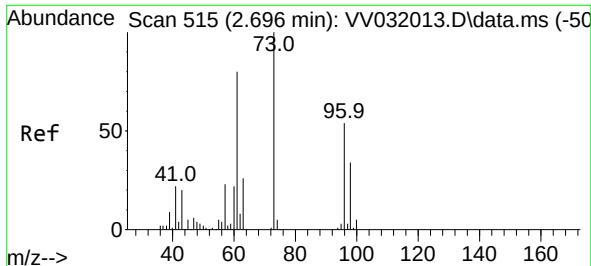
Ion Ratio Lower Upper

73 100

43 22.6 15.6 23.4

57 26.7 17.8 26.8

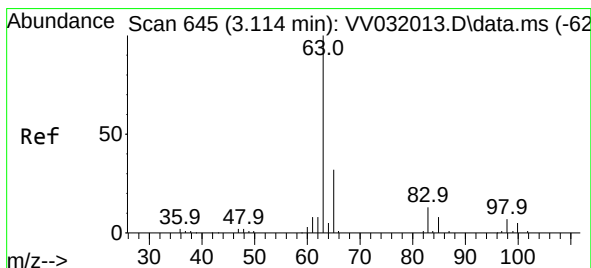
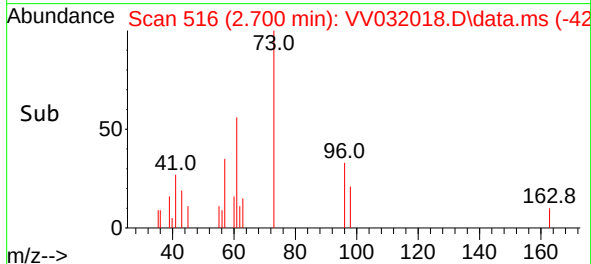
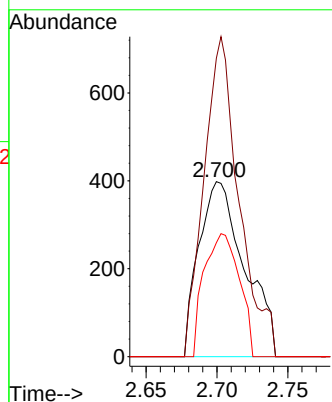
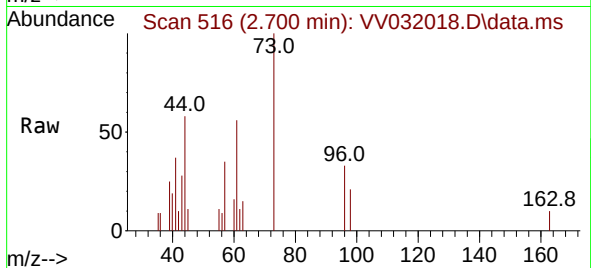




#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032018.D
Acq: 11 Sep 2023 11:56

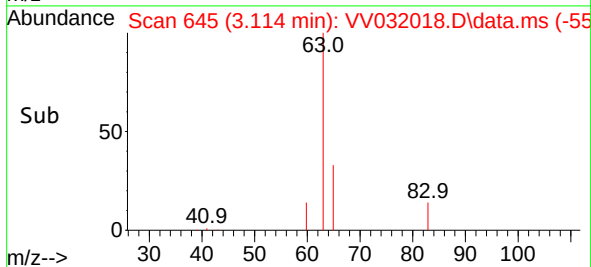
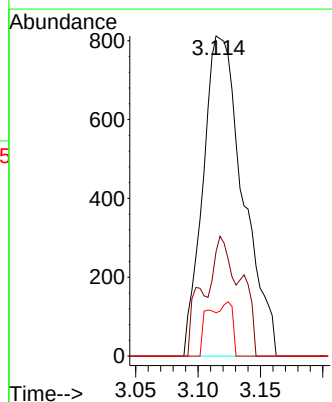
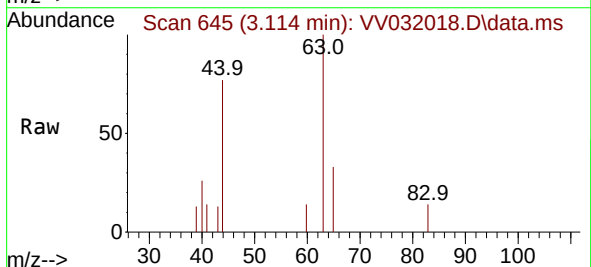
Instrument :
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BH4J0

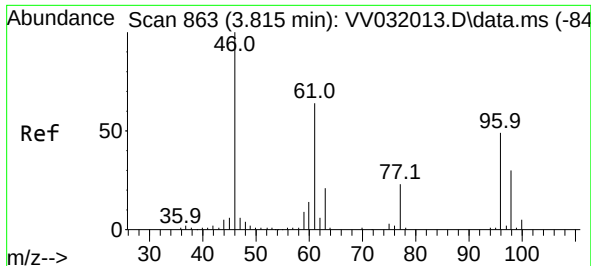
Tgt Ion: 96 Resp: 894
Ion Ratio Lower Upper
96 100
61 170.6 106.8 198.4
98 65.1 44.9 83.3



#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032018.D
Acq: 11 Sep 2023 11:56

Tgt Ion: 63 Resp: 1816
Ion Ratio Lower Upper
63 100
65 32.6 21.9 40.7
83 13.5 9.2 17.2



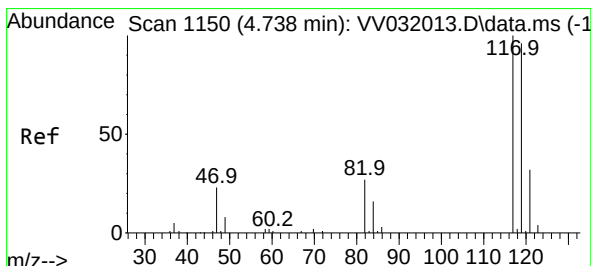
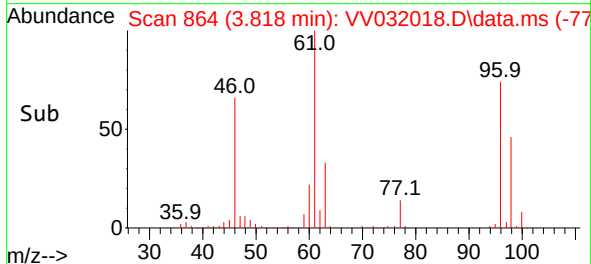
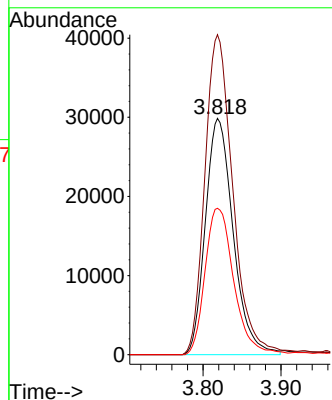
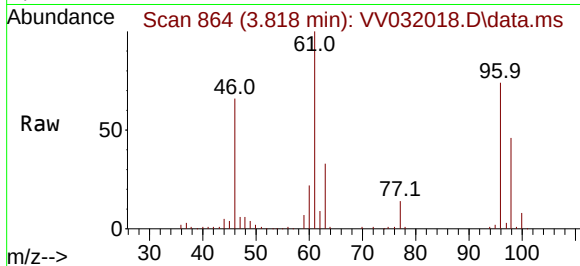


#22
 cis-1,2-Dichloroethene
 Concen: 10.303 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032018.D
 Acq: 11 Sep 2023 11:56

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4J0

Tgt Ion: 96 Resp: 74090

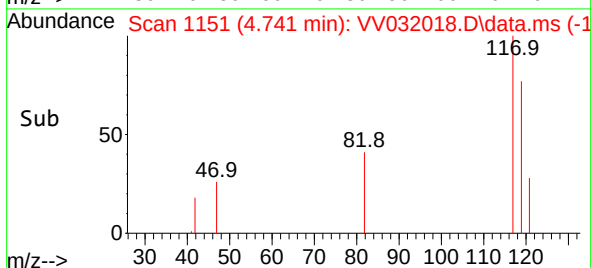
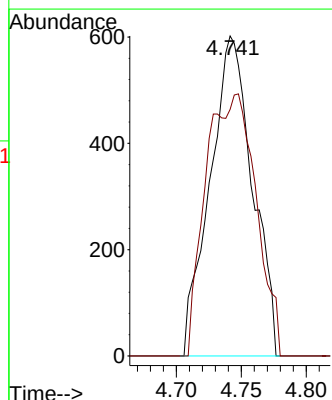
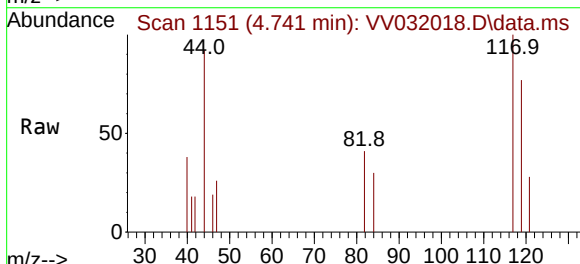
Ion	Ratio	Lower	Upper
96	100		
61	135.5	94.1	174.8
98	62.0	43.8	81.4

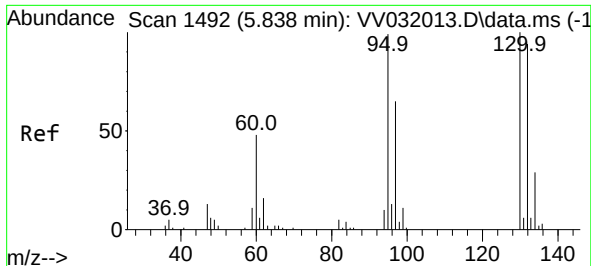


#31
 Carbon tetrachloride
 Concen: 0.146 ug/L
 RT: 4.741 min Scan# 1151
 Delta R.T. 0.003 min
 Lab File: VV032018.D
 Acq: 11 Sep 2023 11:56

Tgt Ion: 117 Resp: 1366

Ion	Ratio	Lower	Upper
117	100		
119	43.7	78.4	117.6#

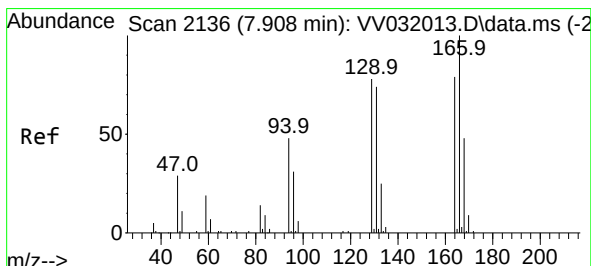
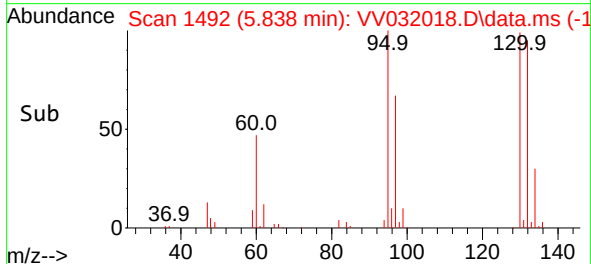
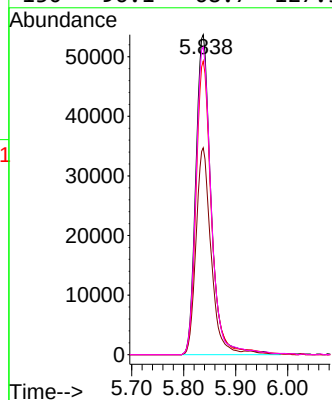
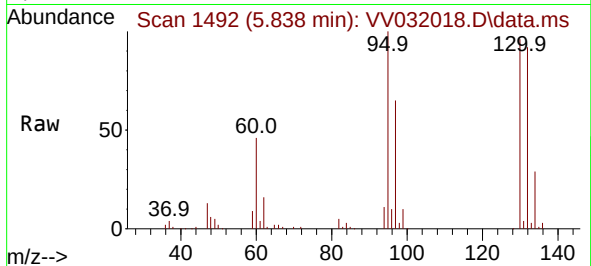




#34
Trichloroethene
Concen: 13.659 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV032018.D
Acq: 11 Sep 2023 11:56

Instrument :
MSVOA_V
ClientSampleId :
BH4J0

Tgt Ion: 95 Resp: 109836
Ion Ratio Lower Upper
95 100
97 64.7 47.7 88.7
132 91.8 63.8 118.4
130 96.1 68.7 127.5



#47
Tetrachloroethene
Concen: 1.247 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032018.D
Acq: 11 Sep 2023 11:56

Tgt Ion:164 Resp: 6408
Ion Ratio Lower Upper
164 100
129 97.5 70.6 131.2
131 95.6 64.6 120.0
166 121.9 88.3 164.1

