

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032019.D
 Acq On : 11 Sep 2023 12:20
 Operator : SY/MD
 Sample : 04307-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4J1

Quant Time: Sep 12 05:59:36 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)

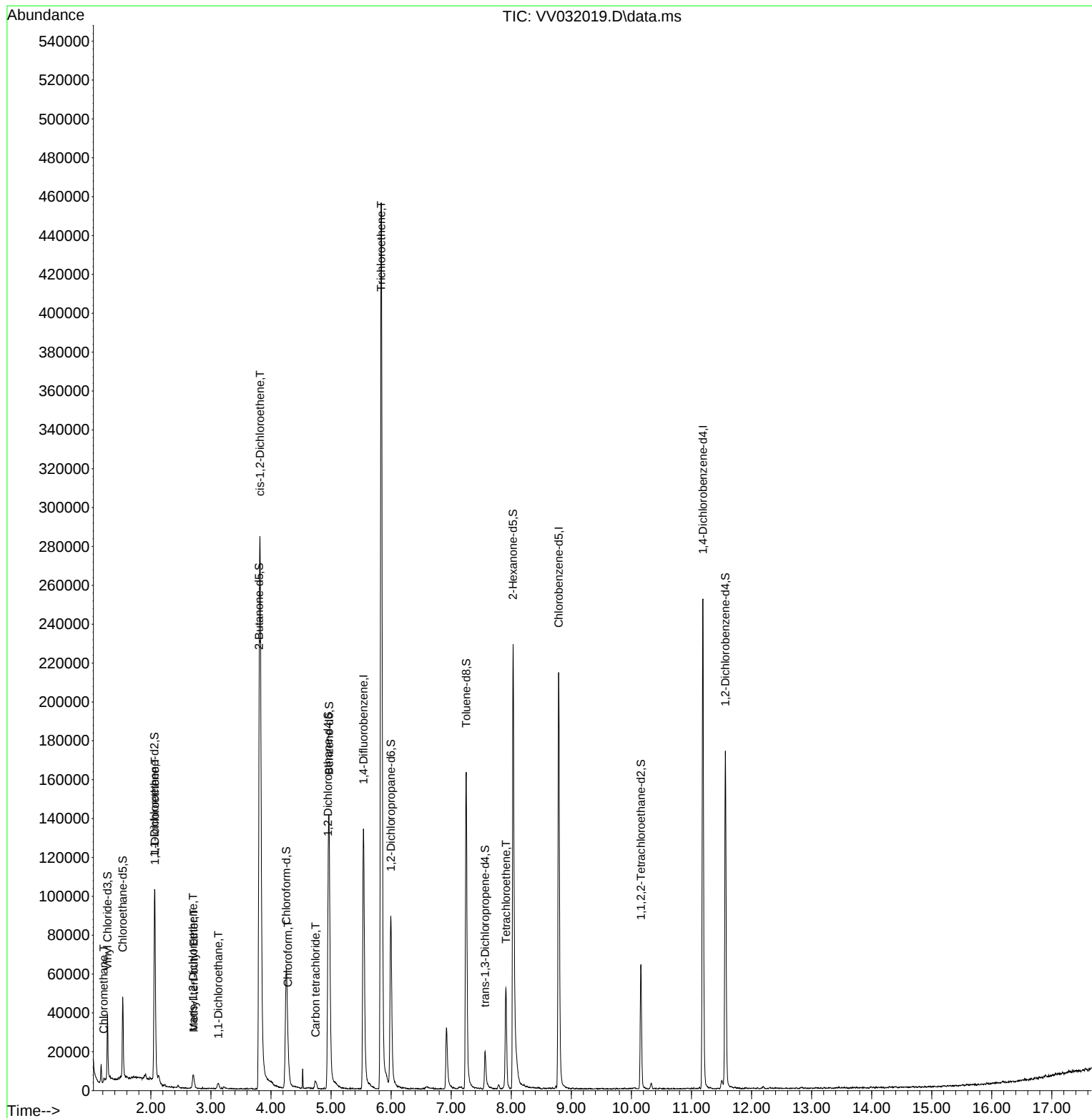
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114725	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	62503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20963	5.410	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.200%		
7) Chloroethane-d5	1.532	69	26645	6.003	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 120.000%		
11) 1,1-Dichloroethene-d2	2.060	65	12030	5.275	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.600%		
20) 2-Butanone-d5	3.802	46	113125	60.311	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.620%		
24) Chloroform-d	4.256	84	64438	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	4.950	65	34300	5.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
32) Benzene-d6	4.966	84	131055	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
36) 1,2-Dichloropropane-d6	5.995	67	45717	4.911	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.200%		
41) Toluene-d8	7.249	98	112990	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.200%		
43) trans-1,3-Dichloroprop...	7.564	79	12782	3.766	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 75.400%		
46) 2-Hexanone-d5	8.030	63	85876	47.453	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.900%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32442	4.858	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.200%		
66) 1,2-Dichlorobenzene-d4	11.564	152	42465	4.195	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 84.000%		
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	638	0.091	ug/L	88
12) 1,1-Dichloroethene	2.069	96	12837	2.486	ug/L #	61
17) Methyl tert-butyl Ether	2.716	73	4071	0.254	ug/L #	84
18) trans-1,2-Dichloroethene	2.703	96	1449	0.248	ug/L	96
19) 1,1-Dichloroethane	3.124	63	3066	0.254	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	135642	20.114	ug/L	98
25) Chloroform	4.281	83	9296	0.756	ug/L	98
31) Carbon tetrachloride	4.744	117	2931	0.323	ug/L	93
34) Trichloroethene	5.834	95	170866	21.878	ug/L	98
47) Tetrachloroethene	7.911	164	11680	2.341	ug/L	98

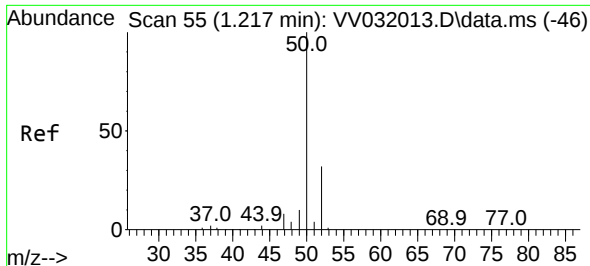
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
Data File : VV032019.D
Acq On : 11 Sep 2023 12:20
Operator : SY/MD
Sample : 04307-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH4J1

Quant Time: Sep 12 05:59:36 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

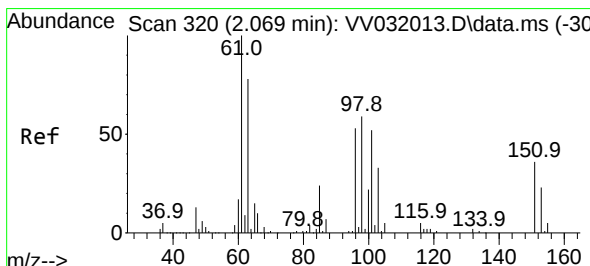
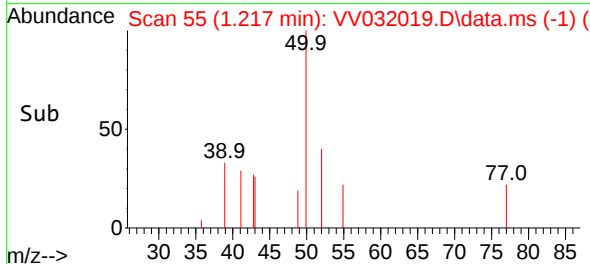
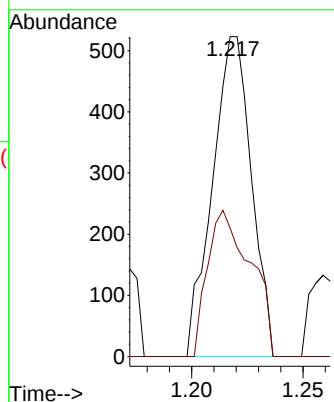
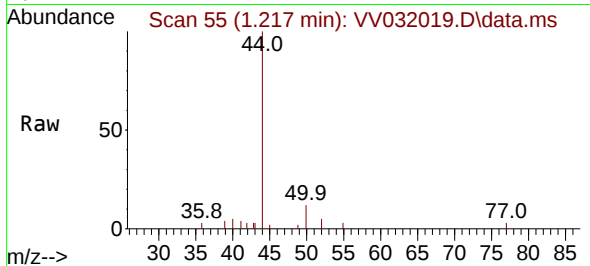




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032019.D
Acq: 11 Sep 2023 12:20

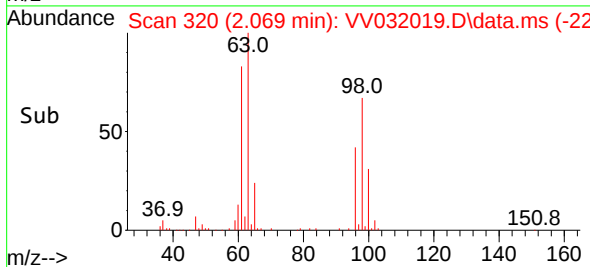
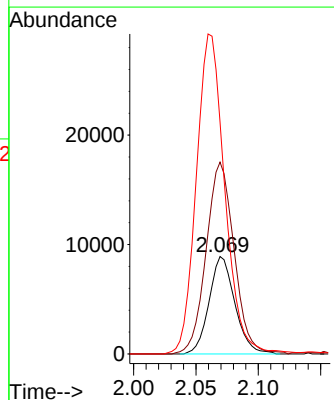
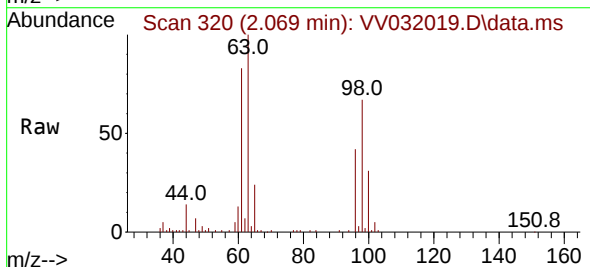
Instrument :
MSVOA_V
ClientSampleId :
BH4J1

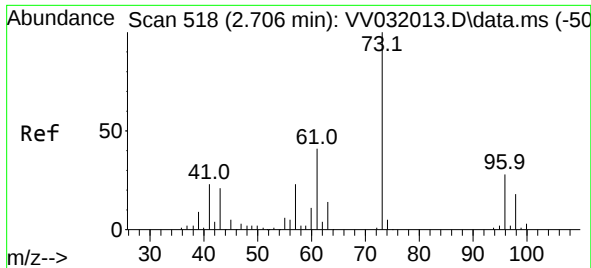
Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 40.2 23.3 43.3



#12
1,1-Dichloroethene
Concen: 2.486 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032019.D
Acq: 11 Sep 2023 12:20

Tgt Ion: 96 Resp: 12837
Ion Ratio Lower Upper
96 100
61 196.9 129.0 239.6
63 237.9 99.0 183.8#

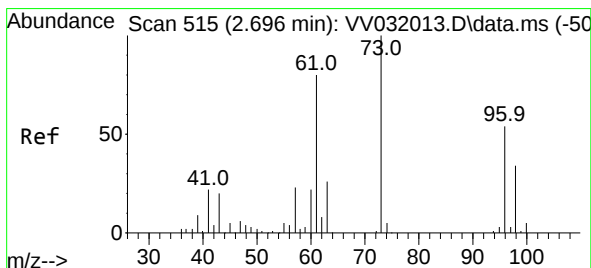
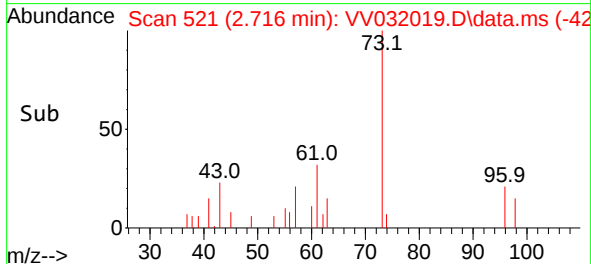
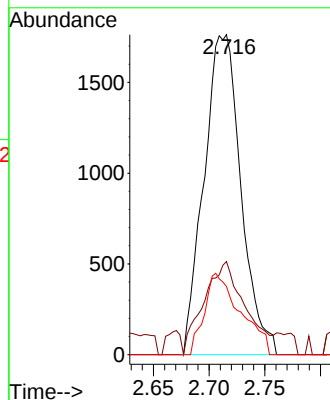
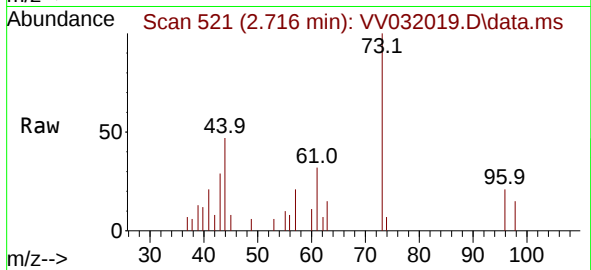




#17
Methyl tert-butyl Ether
Concen: 0.254 ug/L
RT: 2.716 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV032019.D
Acq: 11 Sep 2023 12:20

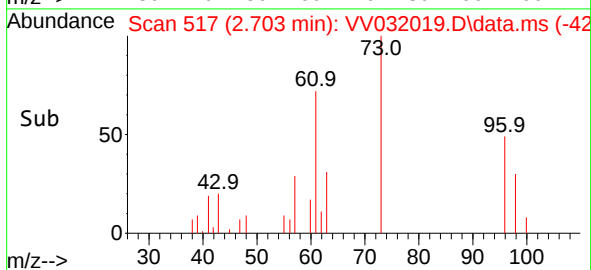
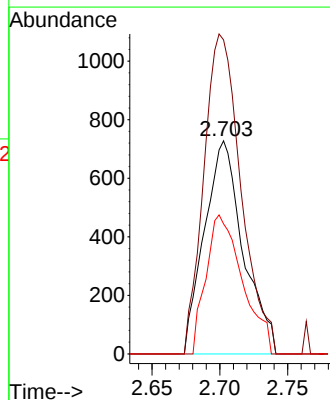
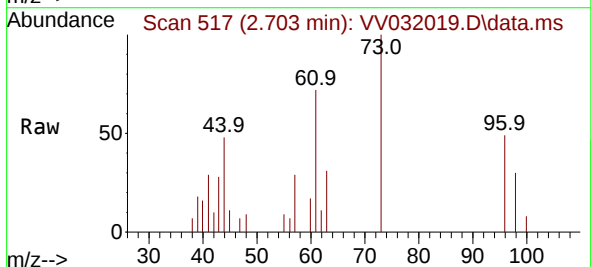
Instrument :
MSVOA_V
ClientSampleId :
BH4J1

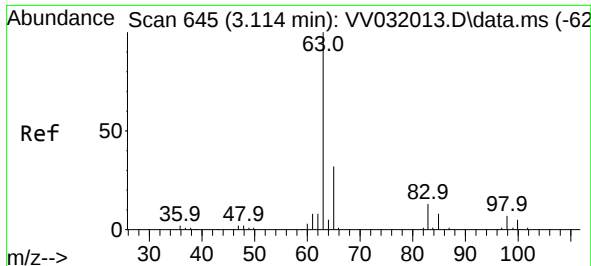
Tgt Ion: 73 Resp: 4071
Ion Ratio Lower Upper
73 100
43 32.8 15.6 23.4#
57 24.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV032019.D
Acq: 11 Sep 2023 12:20

Tgt Ion: 96 Resp: 1449
Ion Ratio Lower Upper
96 100
61 147.4 106.8 198.4
98 61.0 44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.254 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV032019.D

Acq: 11 Sep 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

BH4J1

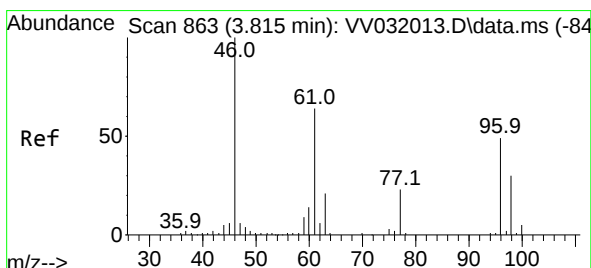
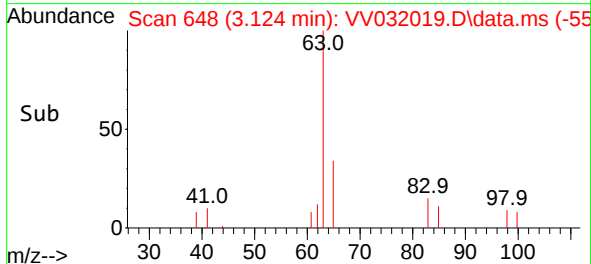
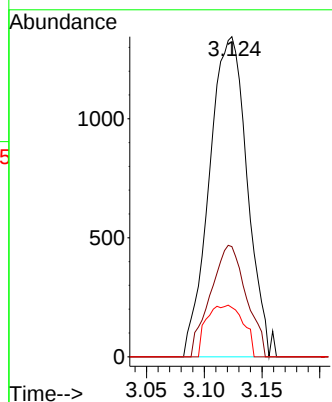
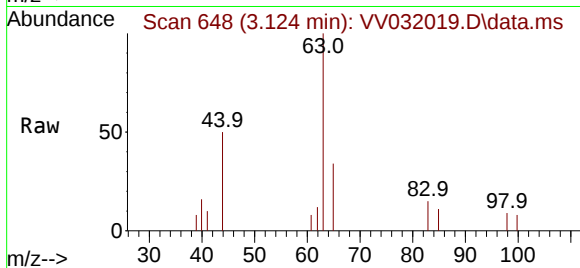
Tgt Ion: 63 Resp: 3066

Ion Ratio Lower Upper

63 100

65 34.4 21.9 40.7

83 15.4 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 20.114 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV032019.D

Acq: 11 Sep 2023 12:20

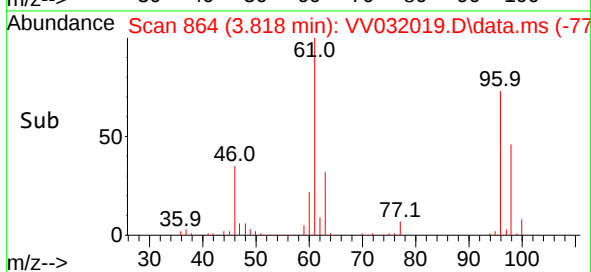
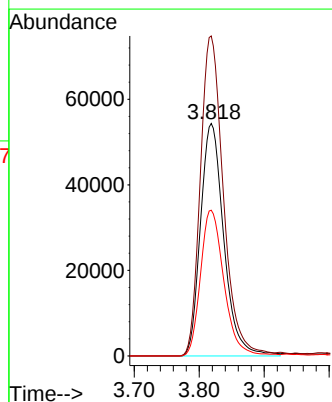
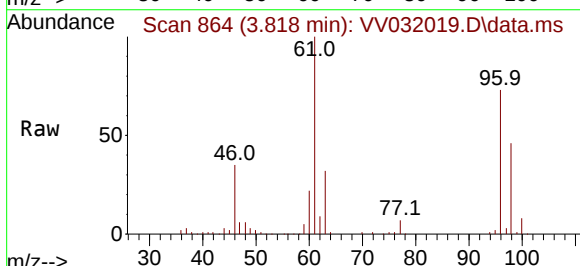
Tgt Ion: 96 Resp: 135642

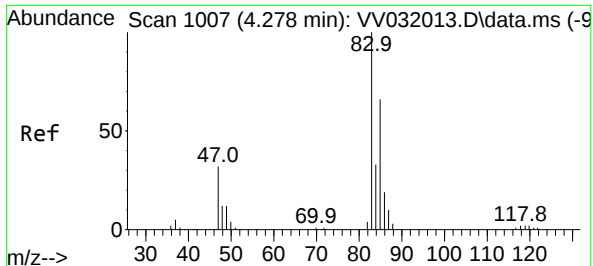
Ion Ratio Lower Upper

96 100

61 137.6 94.1 174.8

98 62.7 43.8 81.4





#25

Chloroform

Concen: 0.756 ug/L

RT: 4.281 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV032019.D

Acq: 11 Sep 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

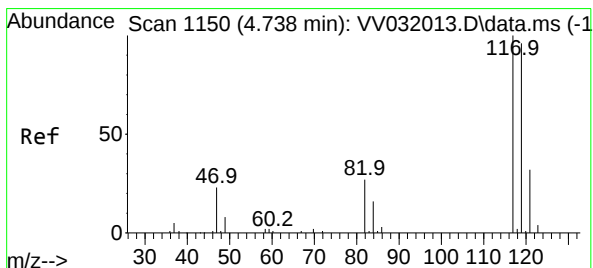
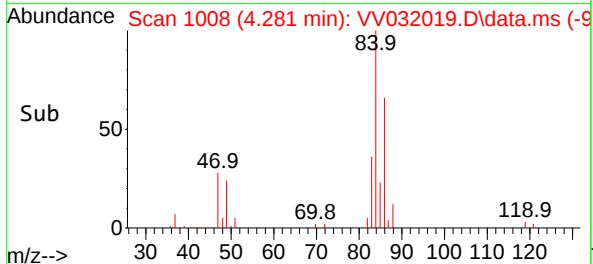
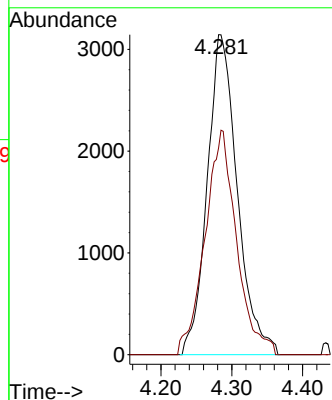
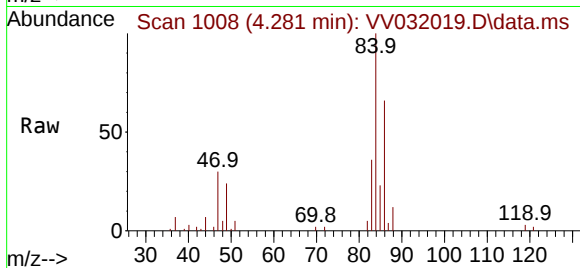
BH4J1

Tgt Ion: 83 Resp: 9296

Ion Ratio Lower Upper

83 100

85 64.6 46.4 86.2



#31

Carbon tetrachloride

Concen: 0.323 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. 0.007 min

Lab File: VV032019.D

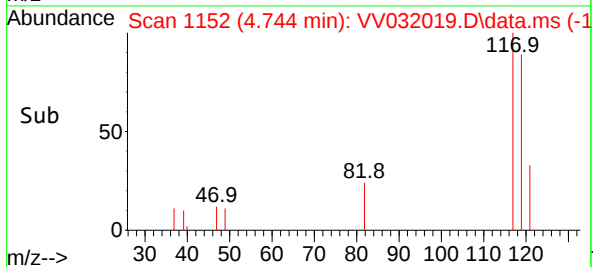
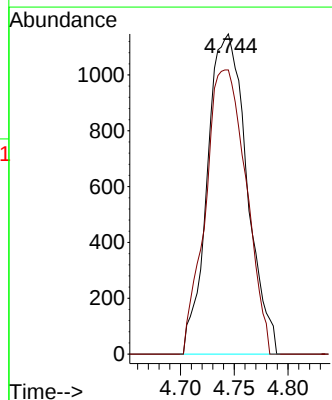
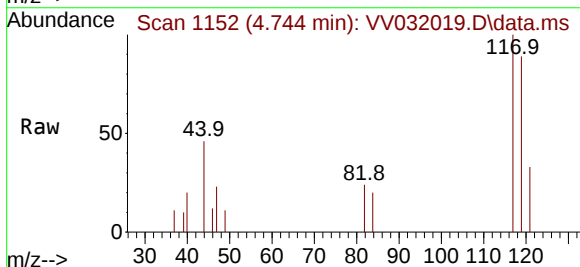
Acq: 11 Sep 2023 12:20

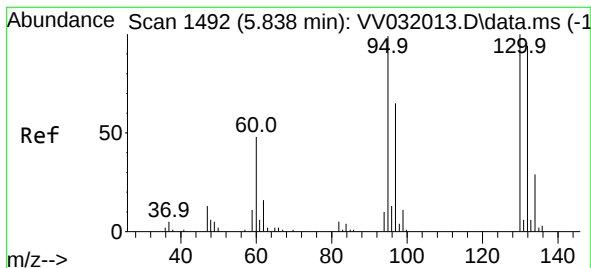
Tgt Ion: 117 Resp: 2931

Ion Ratio Lower Upper

117 100

119 91.5 78.4 117.6





#34

Trichloroethene

Concen: 21.878 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032019.D

Acq: 11 Sep 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

BH4J1

Tgt Ion: 95 Resp: 170866

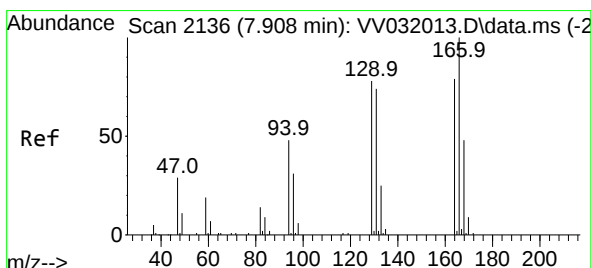
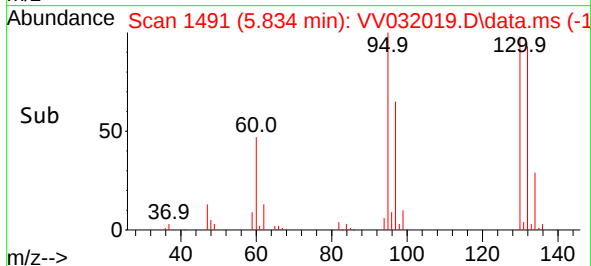
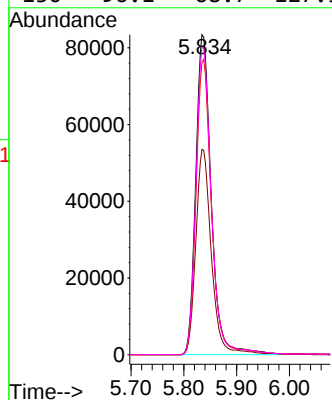
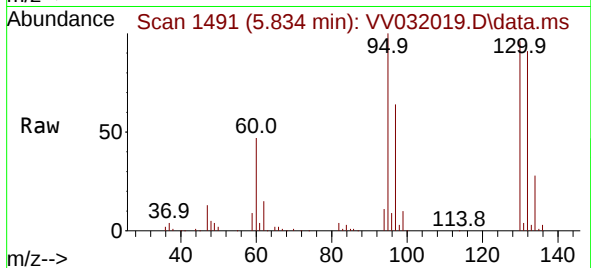
Ion Ratio Lower Upper

95 100

97 64.2 47.7 88.7

132 91.4 63.8 118.4

130 96.1 68.7 127.5



#47

Tetrachloroethene

Concen: 2.341 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032019.D

Acq: 11 Sep 2023 12:20

Tgt Ion:164 Resp: 11680

Ion Ratio Lower Upper

164 100

129 99.3 70.6 131.2

131 93.6 64.6 120.0

166 128.6 88.3 164.1

