

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032563.D
 Acq On : 23 Oct 2023 12:16
 Operator : SY/MD
 Sample : 04993-13DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:46:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

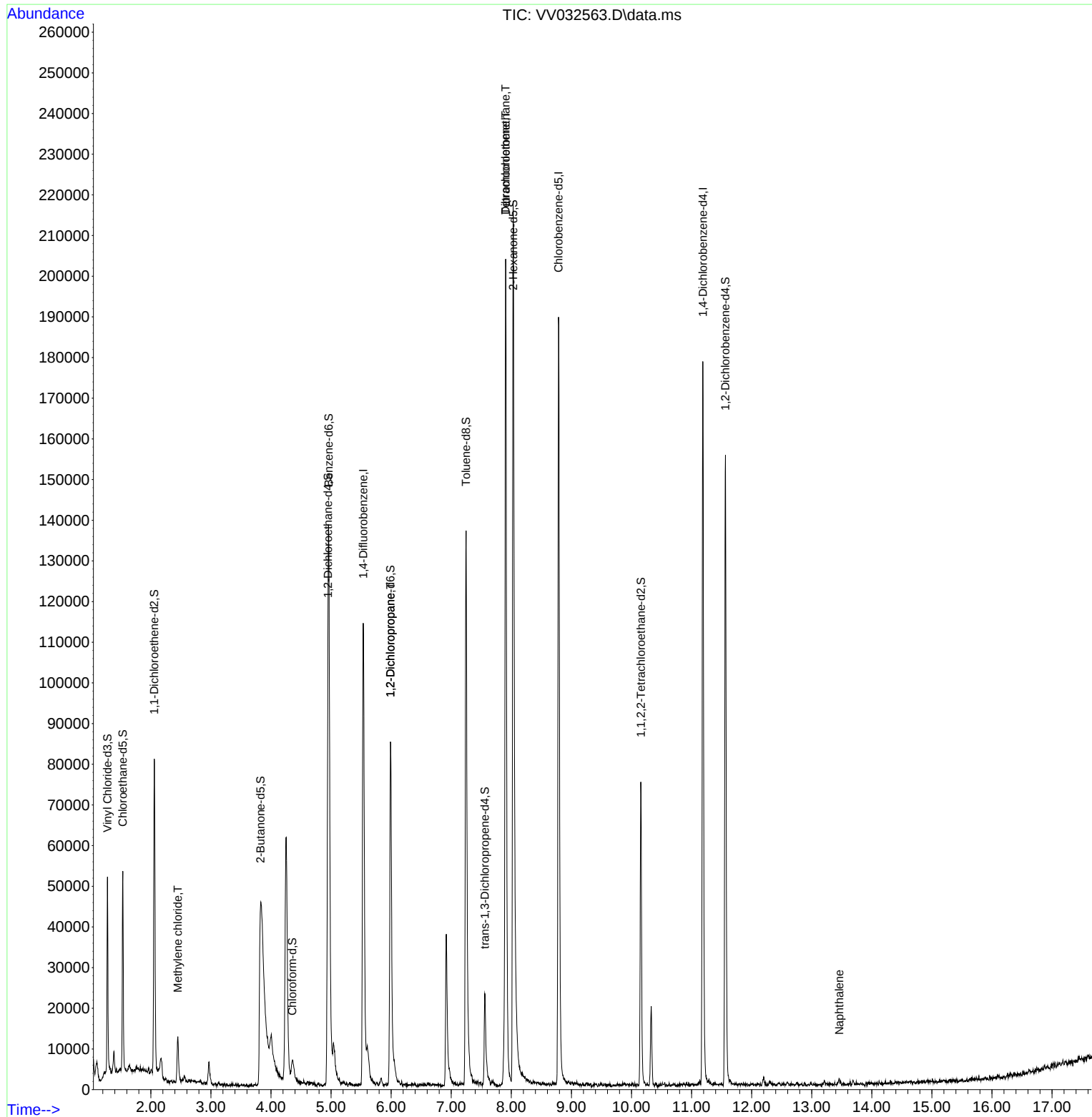
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	95640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	105950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29440	3.785	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.532	69	30460	4.824	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.056	65	13254	4.040	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.800%	
20) 2-Butanone-d5	3.825	46	109070	55.432	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.860%	
24) Chloroform-d	4.355	84	6120	0.446	ug/L	0.10
Spiked Amount	5.000	Range 70 - 125	Recovery	=	9.000%#	
26) 1,2-Dichloroethane-d4	4.947	65	35224	5.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	4.960	84	118007	3.785	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
36) 1,2-Dichloropropane-d6	5.989	67	42893	4.153	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.246	98	97450	3.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	7.558	79	14587	3.985	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.030	63	82651	47.993	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.980%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35264	4.881	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	38420	4.673	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
16) Methylene chloride	2.449	84	4686	0.512	ug/L	94
37) 1,2-Dichloropropane	5.989	63	5089	0.510	ug/L #	88
47) Tetrachloroethene	7.905	164	47068	6.095	ug/L	100
49) Dibromochloromethane	7.905	129	42163	5.755	ug/L #	9
71) Naphthalene	13.458	128	1265	0.070	ug/L #	85

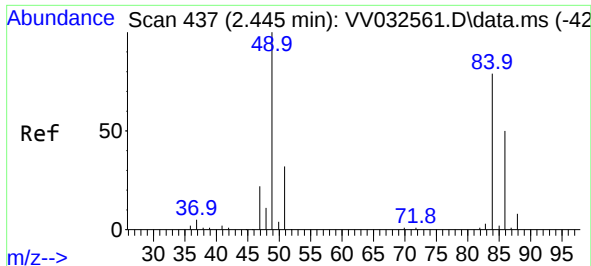
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102323\
Data File : VV032563.D
Acq On : 23 Oct 2023 12:16
Operator : SY/MD
Sample : 04993-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

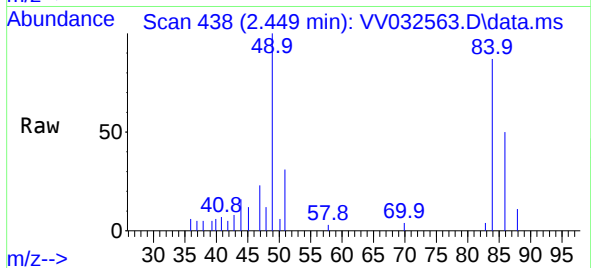
Quant Time: Oct 24 04:46:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 21 02:44:24 2023
Response via : Initial Calibration



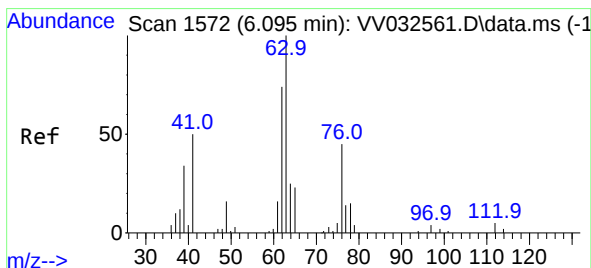
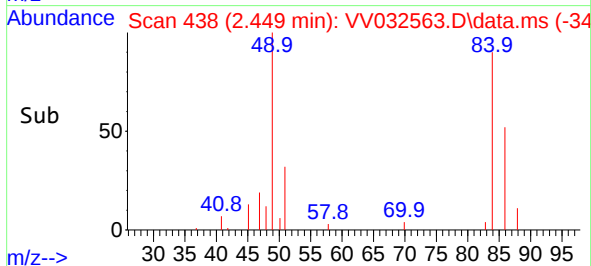
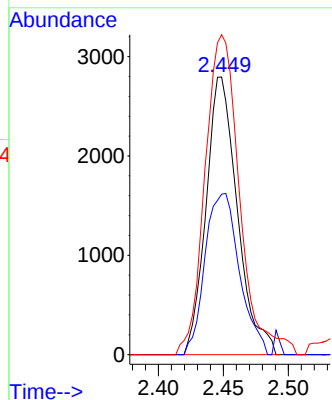


#16
Methylene chloride
Concen: 0.512 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032563.D
Acq: 23 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :

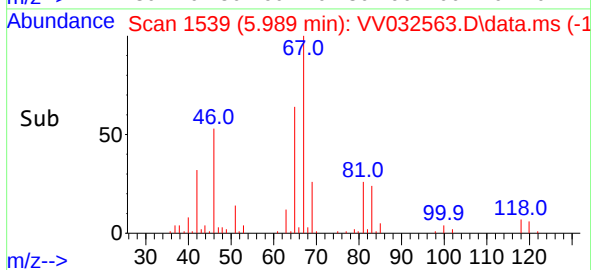
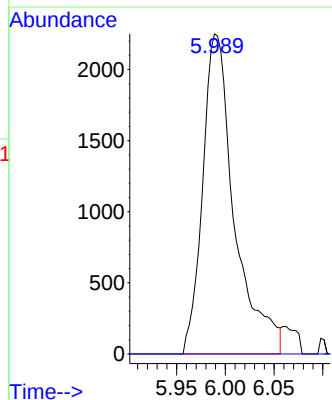
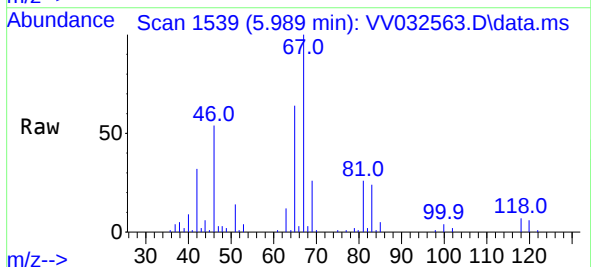


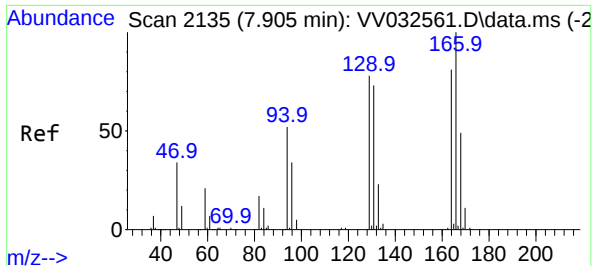
Tgt Ion: 84 Resp: 4686
Ion Ratio Lower Upper
84 100
86 57.8 43.2 80.2
49 115.2 86.3 160.3



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV032563.D
Acq: 23 Oct 2023 12:16

Tgt Ion: 63 Resp: 5089
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#





#47

Tetrachloroethene

Concen: 6.095 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VV032563.D

Acq: 23 Oct 2023 12:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 47068

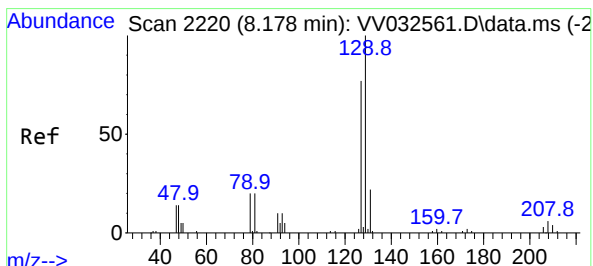
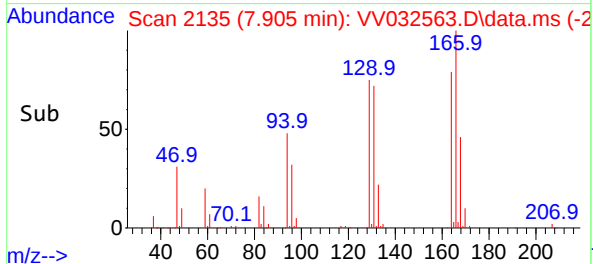
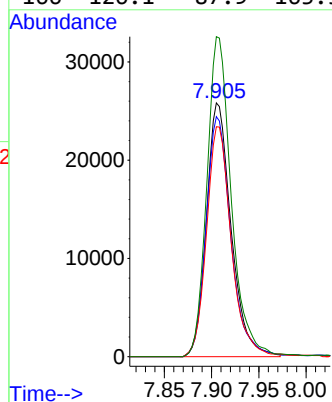
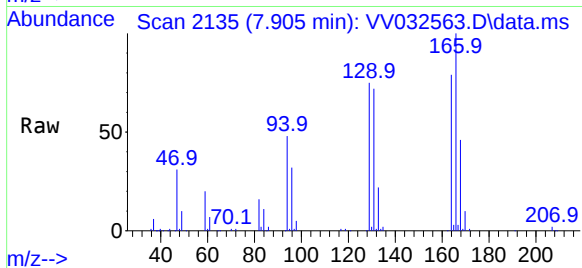
Ion Ratio Lower Upper

164 100

129 94.6 66.4 123.4

131 90.6 63.7 118.3

166 126.1 87.9 163.3



#49

Dibromochloromethane

Concen: 5.755 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.273 min

Lab File: VV032563.D

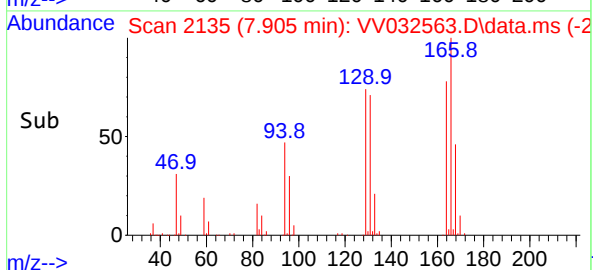
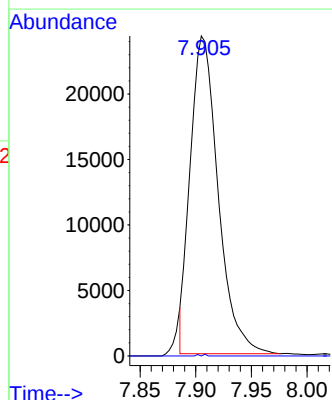
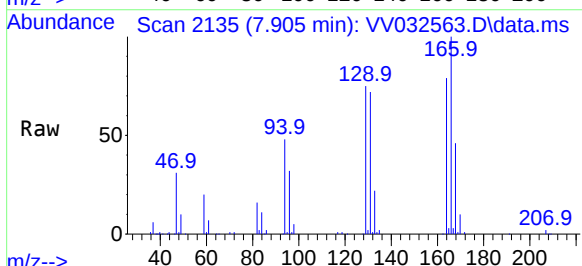
Acq: 23 Oct 2023 12:16

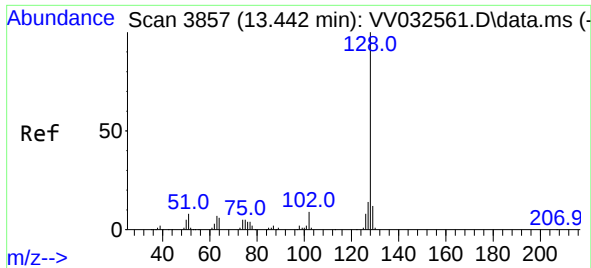
Tgt Ion:129 Resp: 42163

Ion Ratio Lower Upper

129 100

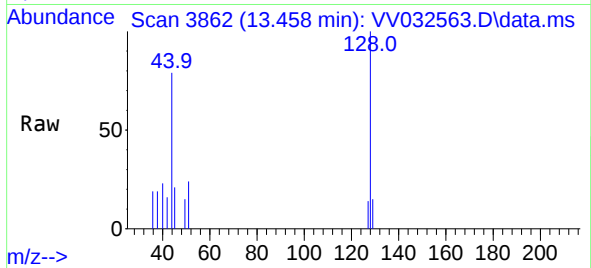
127 0.5 57.2 106.2#





#71
Naphthalene
Concen: 0.070 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.016 min
Lab File: VV032563.D
Acq: 23 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1265
Ion	Ratio	Lower	Upper
128	100		
129	9.1	9.0	13.4
127	3.2	10.2	15.2#

