

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032572.D
 Acq On : 23 Oct 2023 15:55
 Operator : SY/MD
 Sample : 04993-05DL 400X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:47:51 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)

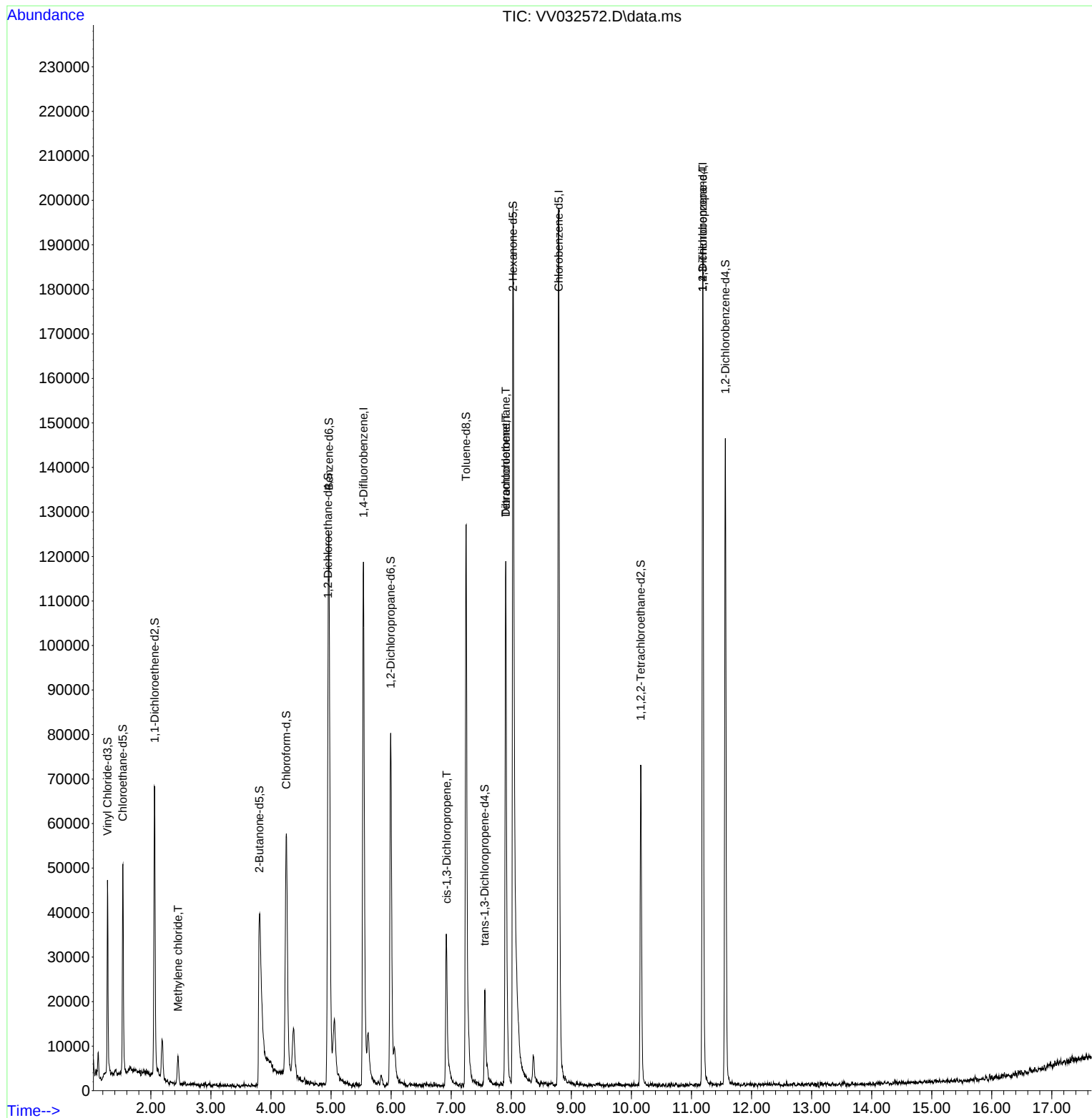
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	97535	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	112811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27125	3.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.532	69	29401	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.063	65	11362	3.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.806	46	70148	34.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.920%
24) Chloroform-d	4.256	84	57378	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.950	65	32365	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	107286	3.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	5.992	67	37446	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.000%
41) Toluene-d8	7.246	98	89785	2.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.200%#
43) trans-1,3-Dichloroprop...	7.558	79	13349	3.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.030	63	84797	46.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35943	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	36464	4.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	2433	0.261	ug/L	92
39) cis-1,3-Dichloropropene	6.924	75	1092	0.072	ug/L #	60
47) Tetrachloroethene	7.908	164	27559	3.352	ug/L	98
49) Dibromochloromethane	7.908	129	25159	3.225	ug/L #	8
61) 1,2,3-Trichloropropane	11.188	75	6295	1.251	ug/L #	66

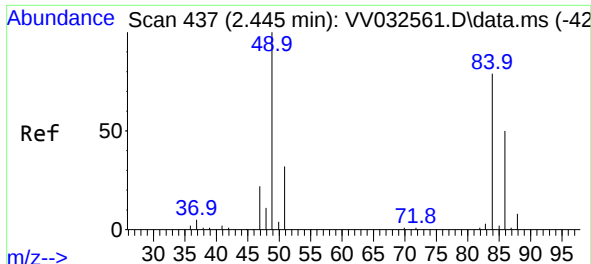
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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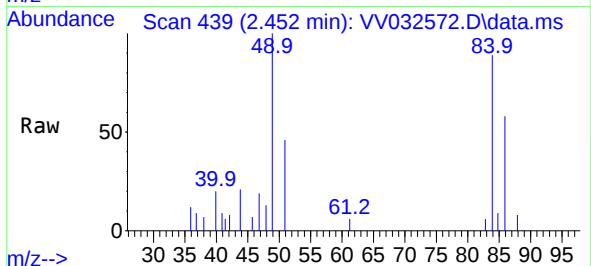
Quant Time: Oct 24 04:47:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
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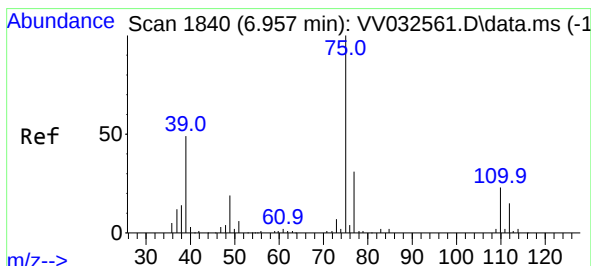
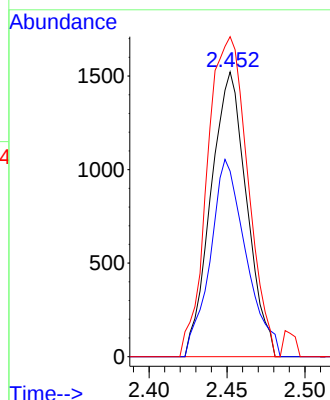
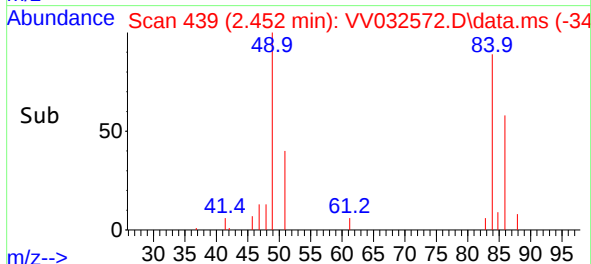


#16
Methylene chloride
Concen: 0.261 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032572.D
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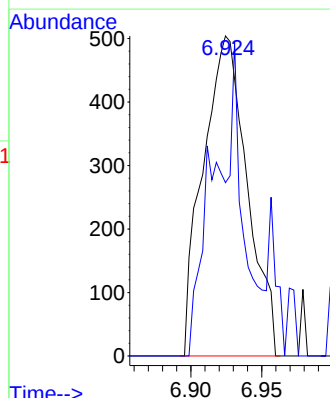
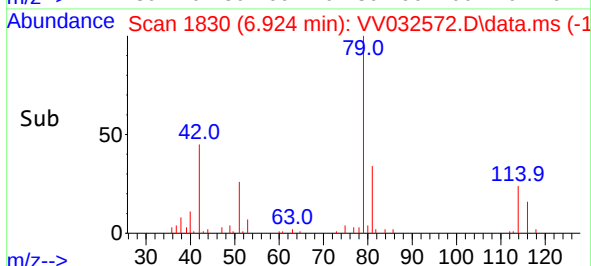
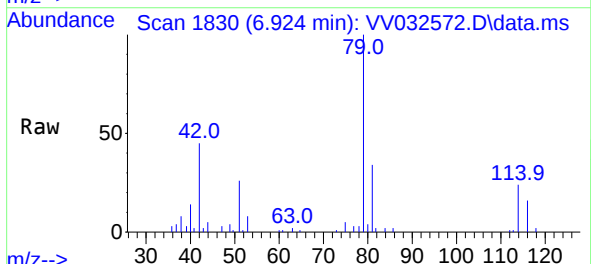


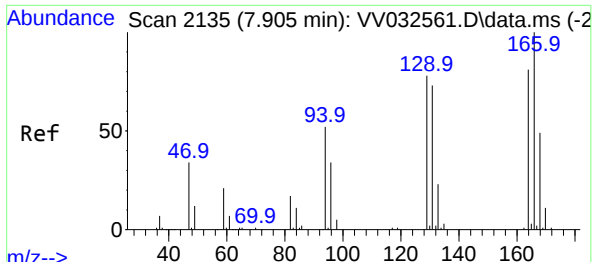
Tgt Ion: 84 Resp: 2433
Ion Ratio Lower Upper
84 100
86 65.1 43.2 80.2
49 112.4 86.3 160.3



#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 6.924 min Scan# 1830
Delta R.T. -0.035 min
Lab File: VV032572.D
Acq: 23 Oct 2023 15:55

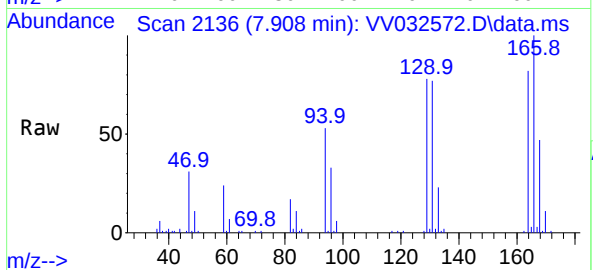
Tgt Ion: 75 Resp: 1092
Ion Ratio Lower Upper
75 100
77 54.2 22.2 41.2#



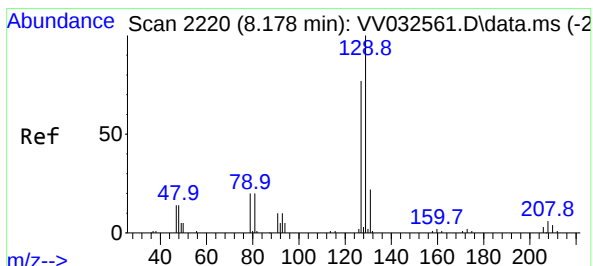
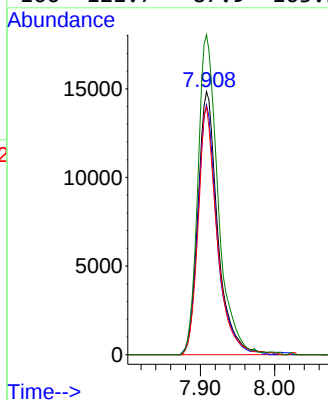
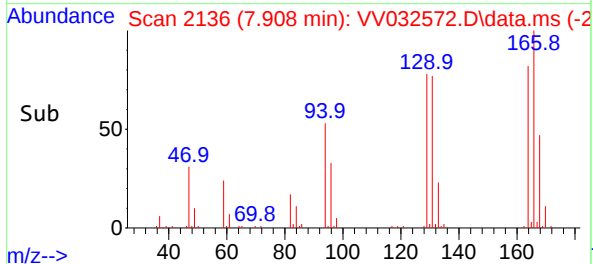


#47
Tetrachloroethene
Concen: 3.352 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032572.D
Acq: 23 Oct 2023 15:55

Instrument :
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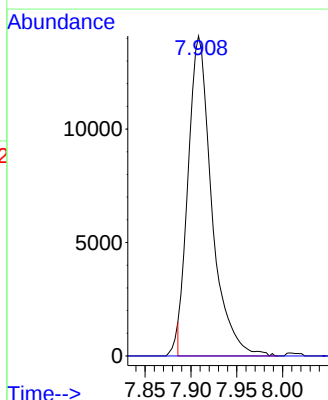
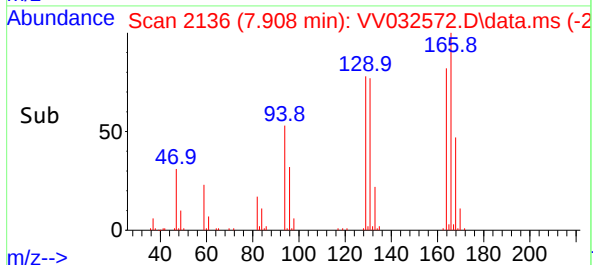
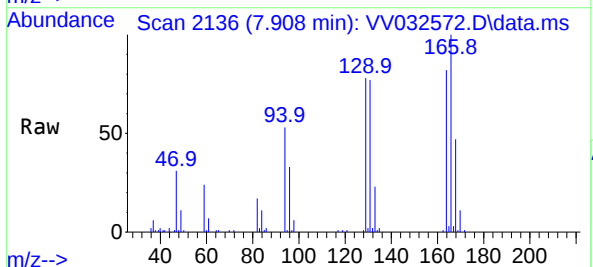


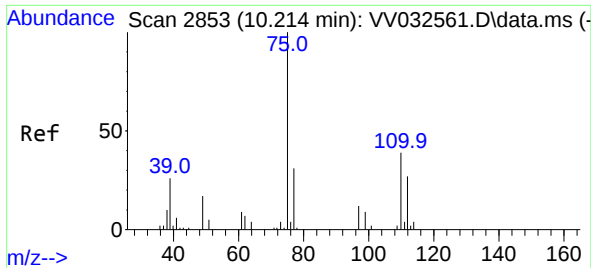
Tgt Ion:164 Resp: 27559
Ion Ratio Lower Upper
164 100
129 95.0 66.4 123.4
131 94.2 63.7 118.3
166 121.7 87.9 163.3



#49
Dibromochloromethane
Concen: 3.225 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.270 min
Lab File: VV032572.D
Acq: 23 Oct 2023 15:55

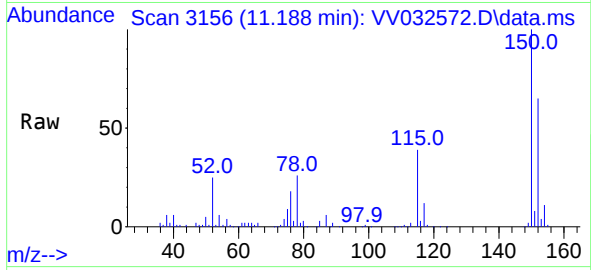
Tgt Ion:129 Resp: 25159
Ion Ratio Lower Upper
129 100
127 0.0 57.2 106.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.251 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV032572.D
 Acq: 23 Oct 2023 15:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6295
Ion	Ratio	Lower Upper
75	100	
77	34.8	26.2 39.2
110	2.0	30.6 46.0#

