

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102323\
 Data File : VV032571.D
 Acq On : 23 Oct 2023 15:30
 Operator : SY/MD
 Sample : 04993-18DL 400X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:47:42 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)

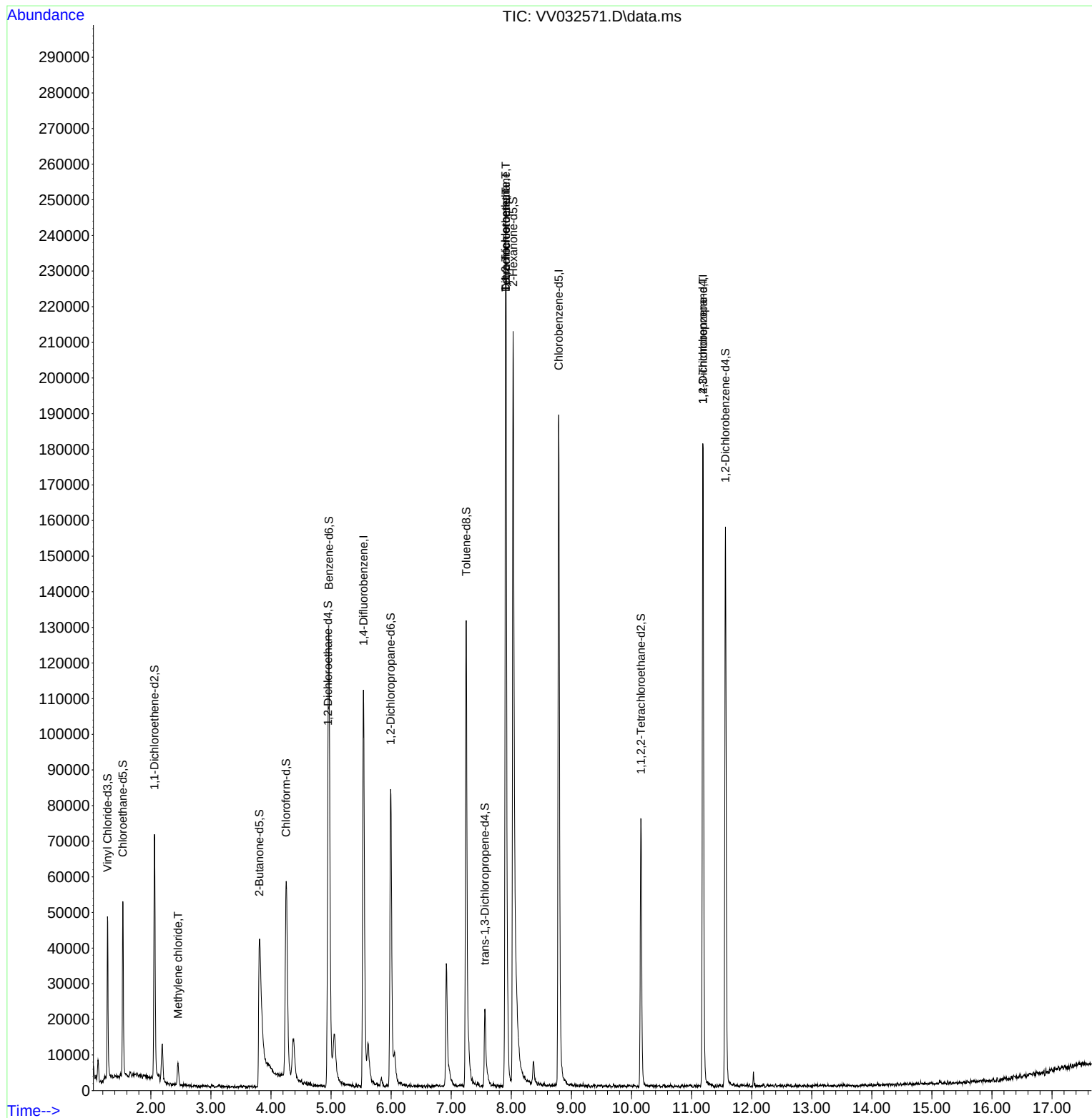
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	45997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28584	3.786	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.532	69	30730	5.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.060	65	11867	3.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.805	46	74163	38.836	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.680%	
24) Chloroform-d	4.252	84	59511	4.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	4.947	65	32435	5.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	4.963	84	112512	3.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.400%	
36) 1,2-Dichloropropane-d6	5.992	67	38931	3.730	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.600%	
41) Toluene-d8	7.249	98	93478	3.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.000%#	
43) trans-1,3-Dichloroprop...	7.558	79	14829	4.010	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.030	63	87606	50.345	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.680%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37360	5.118	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	38575	4.519	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						Qvalue
16) Methylene chloride	2.452	84	2438	0.275	ug/L	85
45) 1,1,2-Trichloroethane	7.905	97	649	0.091	ug/L #	22
47) Tetrachloroethene	7.908	164	57429	7.360	ug/L	98
49) Dibromochloromethane	7.908	129	52104	7.038	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	6373	1.302	ug/L #	64

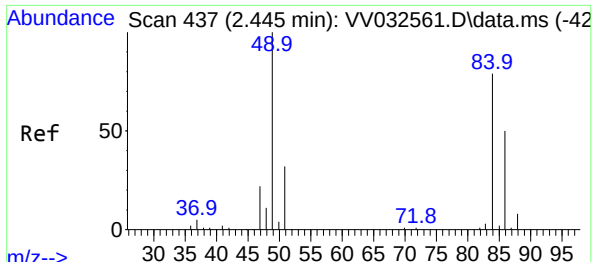
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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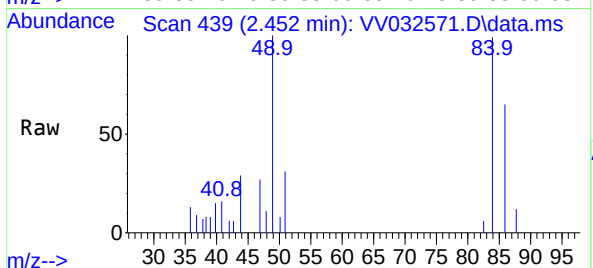
Quant Time: Oct 24 04:47:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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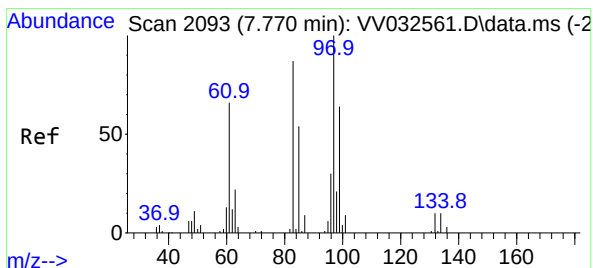
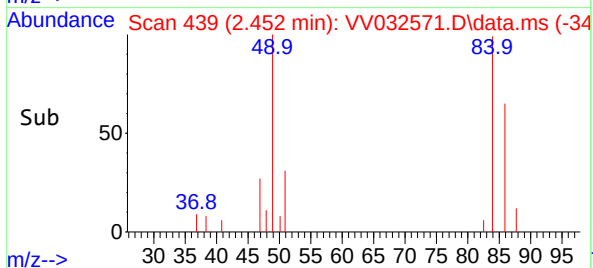
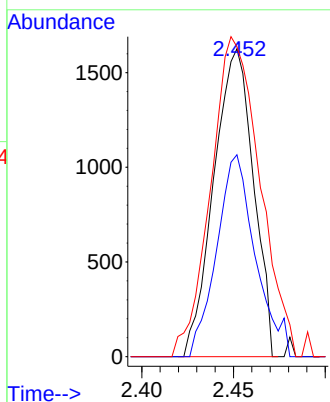
#16
Methylene chloride
Concen: 0.275 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032571.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2438

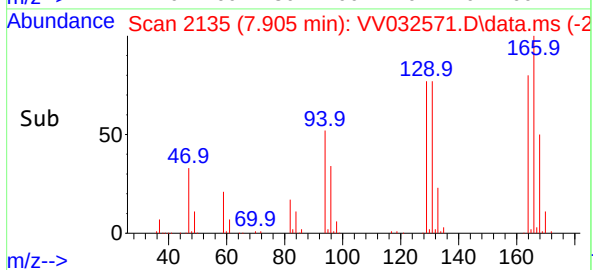
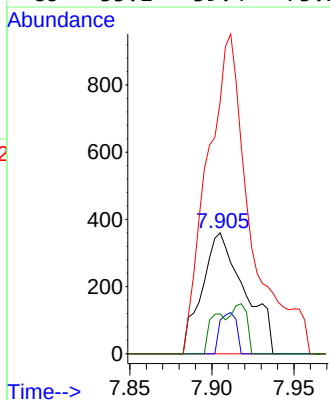
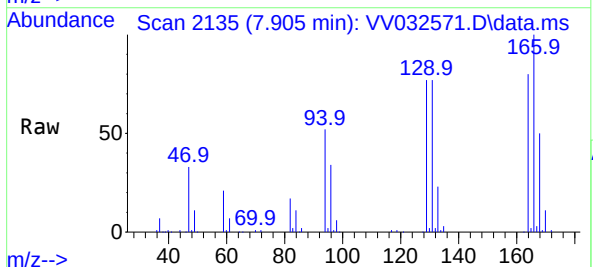
Ion	Ratio	Lower	Upper
84	100		
86	65.6	43.2	80.2
49	100.7	86.3	160.3

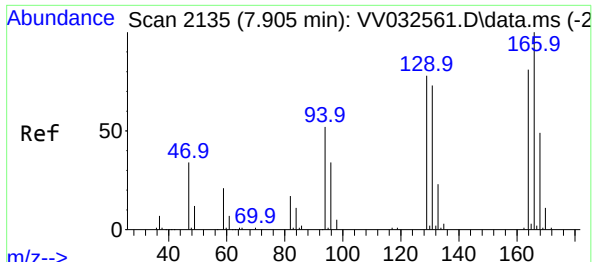


#45
1,1,2-Trichloroethane
Concen: 0.091 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.132 min
Lab File: VV032571.D
Acq: 23 Oct 2023 15:30

Tgt Ion: 97 Resp: 649

Ion	Ratio	Lower	Upper
97	100		
99	27.8	42.8	79.4#
83	208.1	60.9	113.1#
85	33.1	39.4	73.2#

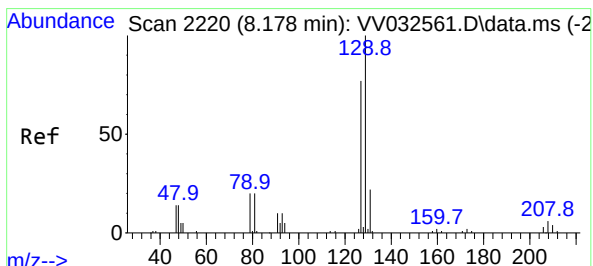
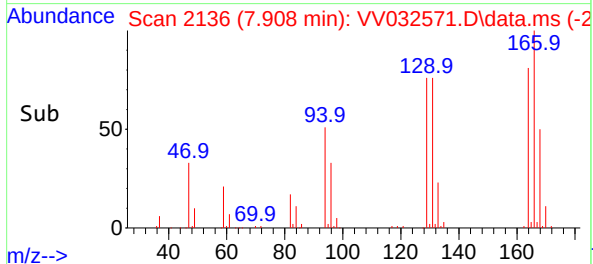
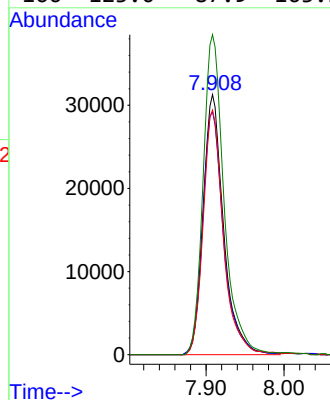
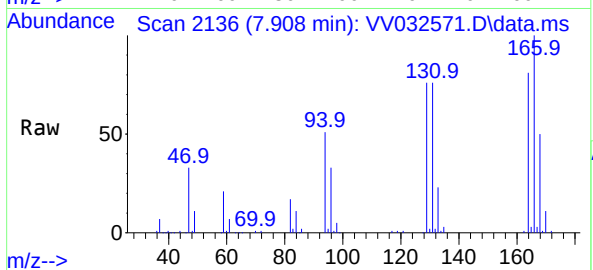




#47
Tetrachloroethene
Concen: 7.360 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032571.D
Acq: 23 Oct 2023 15:30

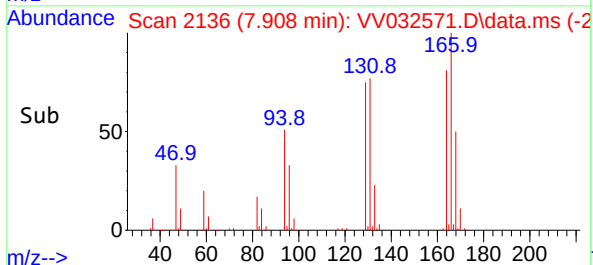
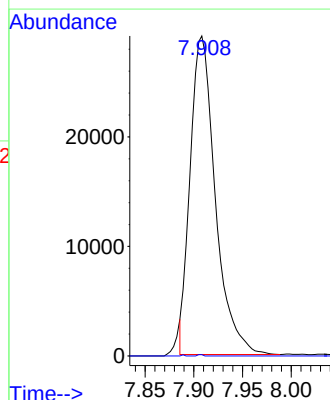
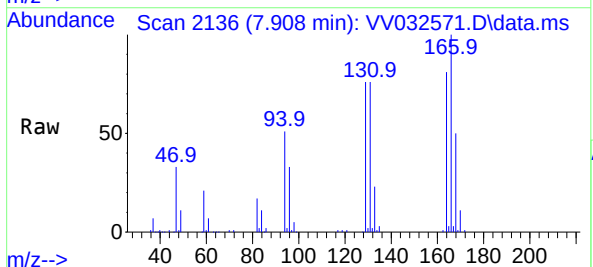
Instrument :
MSVOA_V
ClientSampleId :

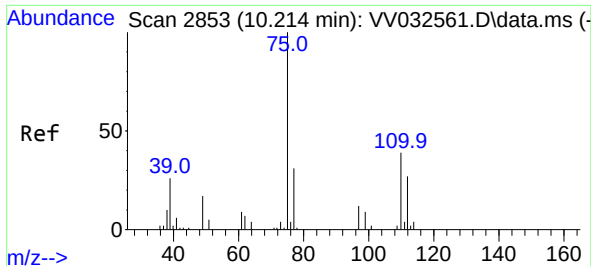
Tgt Ion:164 Resp: 57429
Ion Ratio Lower Upper
164 100
129 93.3 66.4 123.4
131 94.0 63.7 118.3
166 123.0 87.9 163.3



#49
Dibromochloromethane
Concen: 7.038 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.270 min
Lab File: VV032571.D
Acq: 23 Oct 2023 15:30

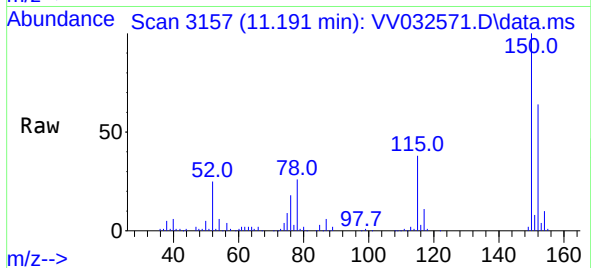
Tgt Ion:129 Resp: 52104
Ion Ratio Lower Upper
129 100
127 0.4 57.2 106.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.302 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV032571.D
 Acq: 23 Oct 2023 15:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6373
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.2 39.2
 110 1.8 30.6 46.0#

