

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032529.D
 Acq On : 20 Oct 2023 17:28
 Operator : SY/MD
 Sample : 04994-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

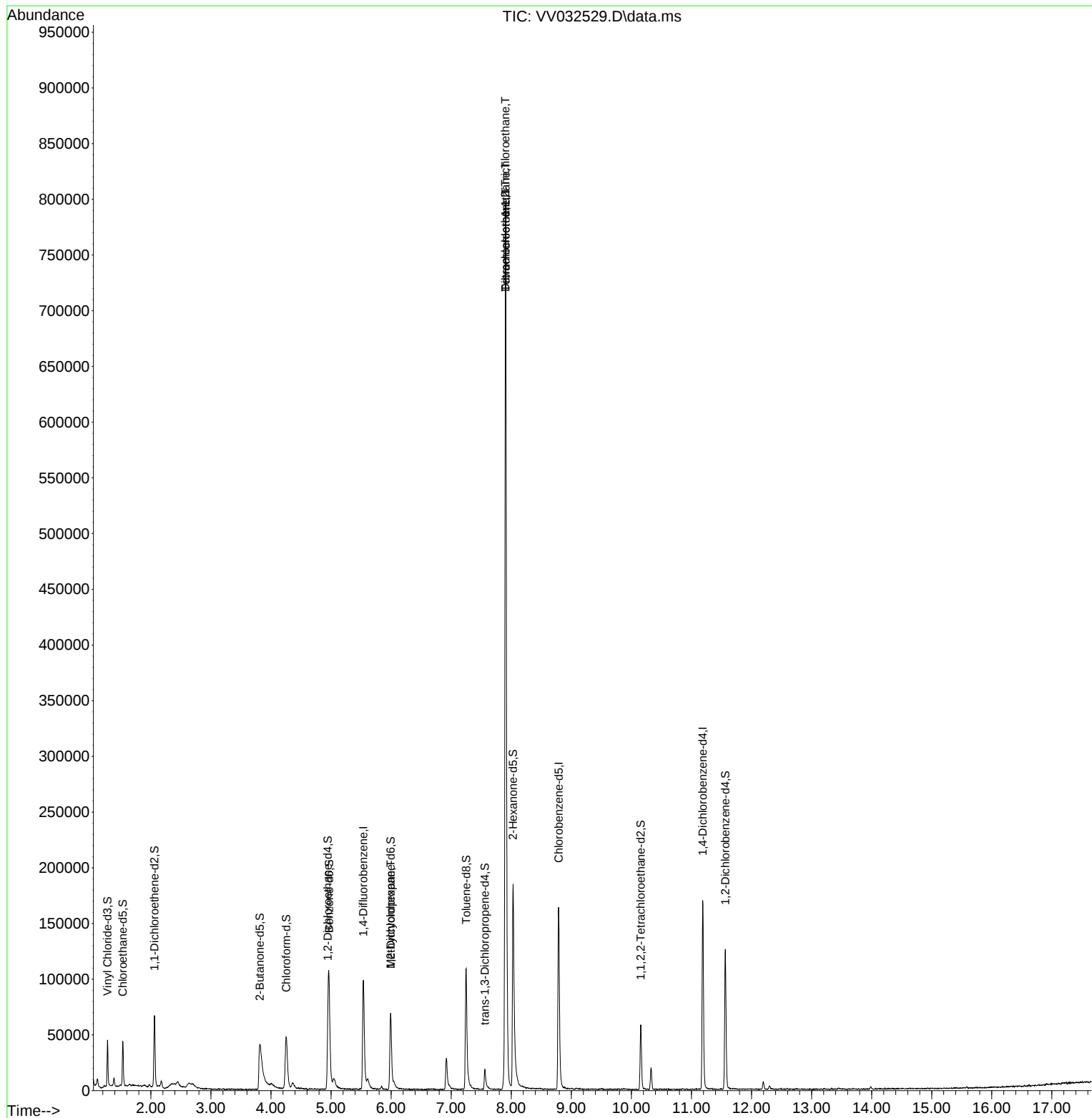
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	81846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25854	3.884	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.532	69	25458	4.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.060	65	10665	3.799	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.812	46	82238	48.839	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.680%	
24) Chloroform-d	4.252	84	50651	4.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	4.947	65	26513	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	4.966	84	93493	3.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.400%#	
36) 1,2-Dichloropropane-d6	5.992	67	31281	3.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	69.000%	
41) Toluene-d8	7.249	98	78729	3.151	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.000%#	
43) trans-1,3-Dichloroprop...	7.561	79	11543	3.598	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.000%	
46) 2-Hexanone-d5	8.030	63	67187	44.507	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.020%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28150	4.445	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	31004	3.978	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.600%#	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.992	83	7965	0.577	ug/L #	17
45) 1,1,2-Trichloroethane	7.902	97	2180	0.353	ug/L #	21
47) Tetrachloroethene	7.905	164	179075	26.454	ug/L	99
49) Dibromochloromethane	7.905	129	164879	25.673	ug/L #	8

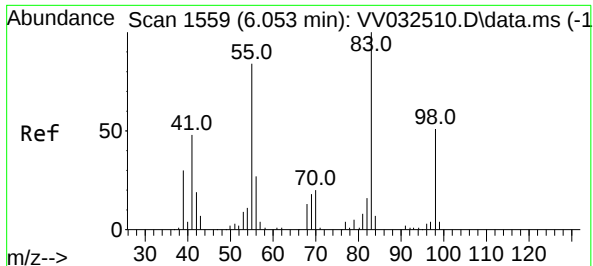
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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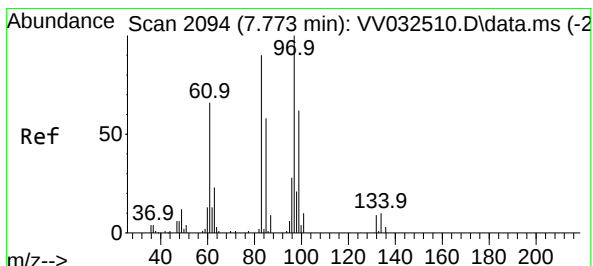
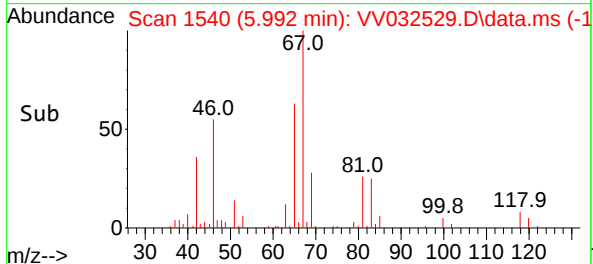
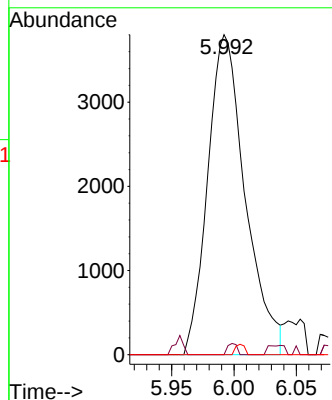
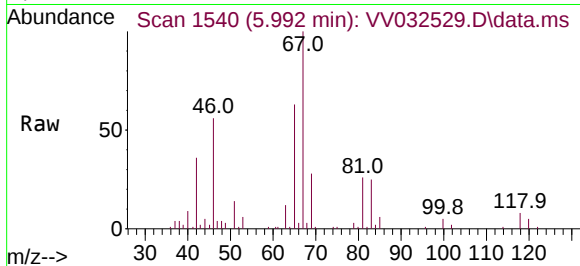




#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV032529.D
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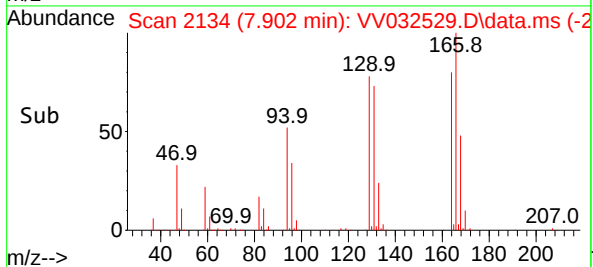
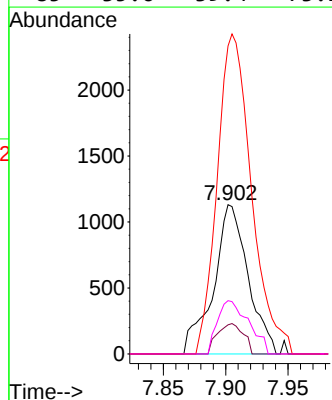
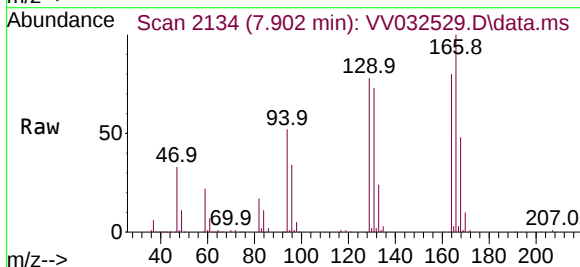
Instrument :
MSVOA_V
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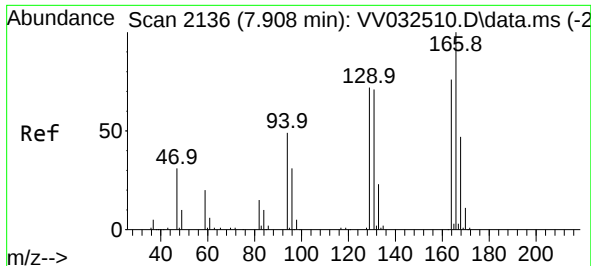
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	64.2	96.2#
98	0.8	39.6	59.4#



#45
1,1,2-Trichloroethane
Concen: 0.353 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.129 min
Lab File: VV032529.D
Acq: 20 Oct 2023 17:28

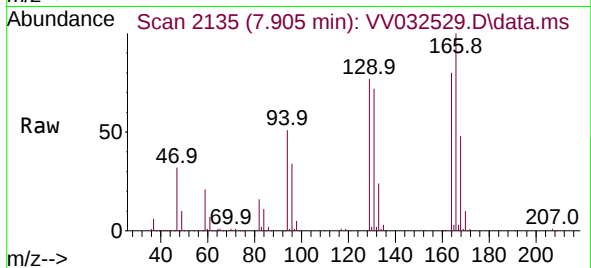
Tgt Ion	Ratio	Lower	Upper
97	100		
99	19.5	42.8	79.4#
83	206.4	60.9	113.1#
85	35.6	39.4	73.2#



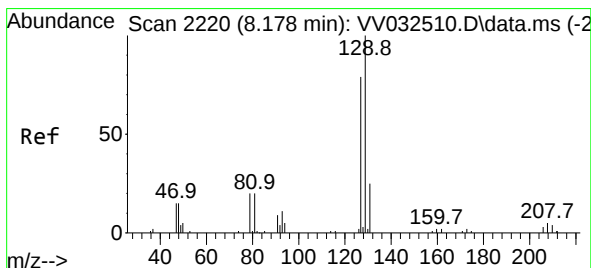
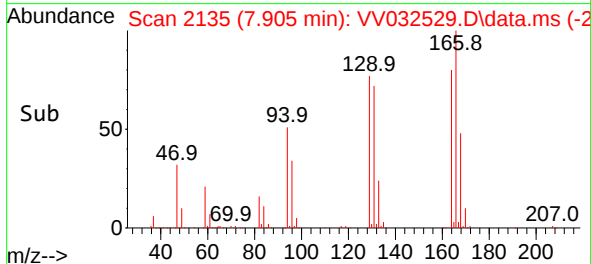
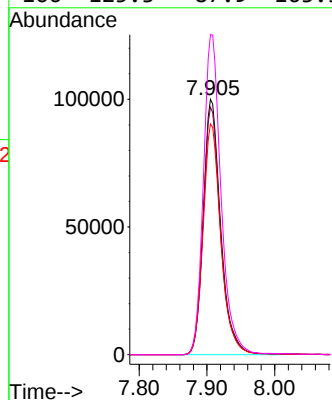


#47
Tetrachloroethene
Concen: 26.454 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032529.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 179075
Ion Ratio Lower Upper
164 100
129 97.0 66.4 123.4
131 90.4 63.7 118.3
166 125.3 87.9 163.3



#49
Dibromochloromethane
Concen: 25.673 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.273 min
Lab File: VV032529.D
Acq: 20 Oct 2023 17:28

Tgt Ion:129 Resp: 164879
Ion Ratio Lower Upper
129 100
127 0.0 57.2 106.2#

