

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032527.D
 Acq On : 20 Oct 2023 16:39
 Operator : SY/MD
 Sample : 04994-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:07:45 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

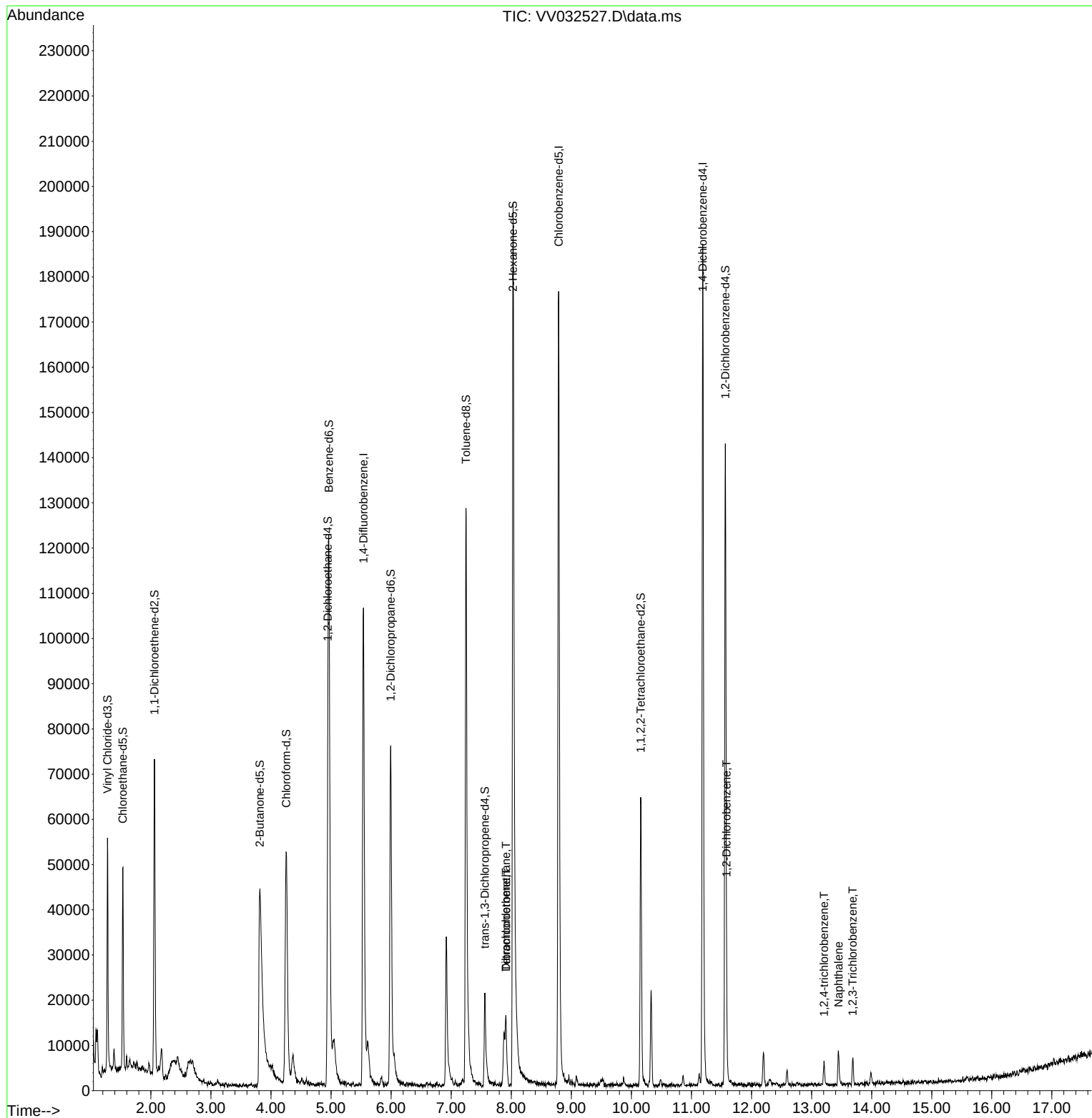
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	88695	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	97455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28999	4.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.400%	
7) Chloroethane-d5	1.532	69	28228	4.821	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.059	65	11814	3.883	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	3.812	46	93815	51.412	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.820%	
24) Chloroform-d	4.252	84	55975	4.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	4.947	65	30690	5.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	4.963	84	106227	3.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.000%	
36) 1,2-Dichloropropane-d6	5.992	67	36373	3.828	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.600%	
41) Toluene-d8	7.246	98	92464	3.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	7.561	79	12049	3.579	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.030	63	70722	44.646	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.300%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31432	4.730	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	34634	4.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.600%	
Target Compounds						
47) Tetrachloroethene	7.911	164	3244	0.457	ug/L	95
49) Dibromochloromethane	7.911	129	3440	0.510	ug/L #	8
67) 1,2-Dichlorobenzene	11.583	146	1206	0.078	ug/L #	84
70) 1,2,4-trichlorobenzene	13.207	180	1400	0.127	ug/L	96
71) Naphthalene	13.448	128	5454	0.291	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.683	180	1513	0.159	ug/L #	95

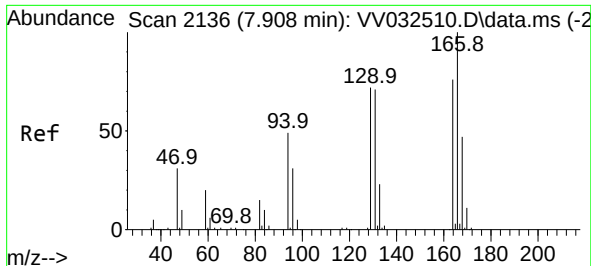
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#47

Tetrachloroethene

Concen: 0.457 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

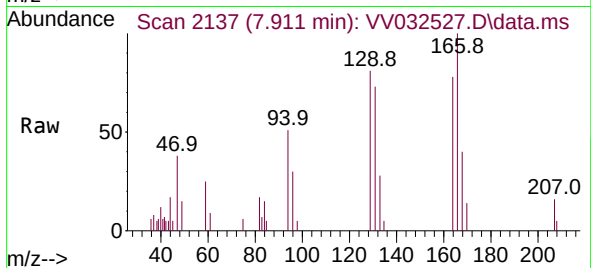
Lab File: VV032527.D

Acq: 20 Oct 2023 16:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3244

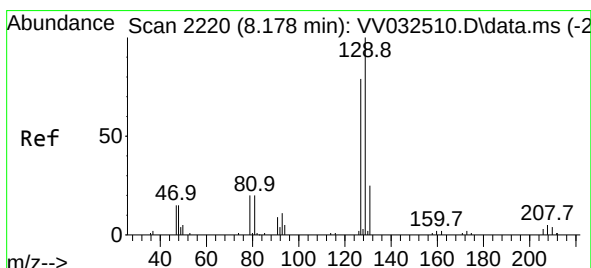
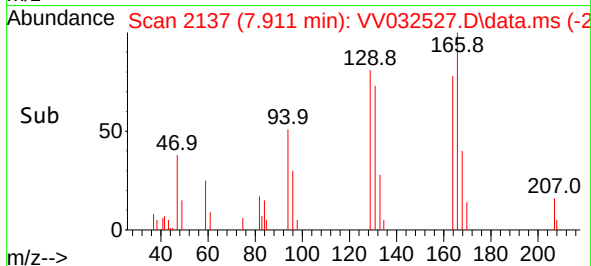
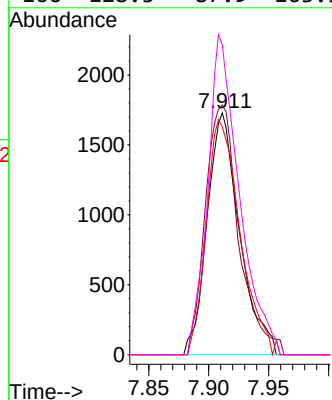
Ion Ratio Lower Upper

164 100

129 103.3 66.4 123.4

131 94.3 63.7 118.3

166 128.3 87.9 163.3



#49

Dibromochloromethane

Concen: 0.510 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.267 min

Lab File: VV032527.D

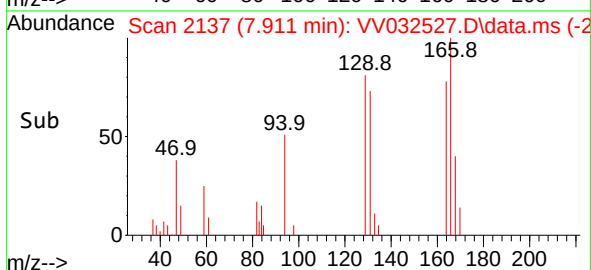
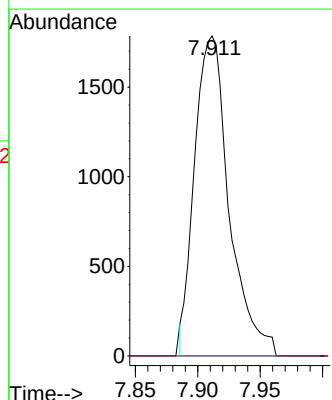
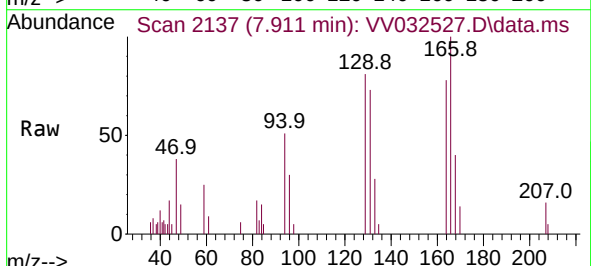
Acq: 20 Oct 2023 16:39

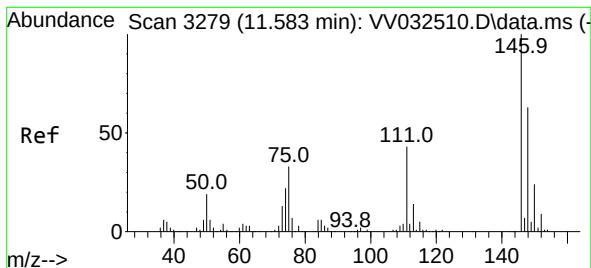
Tgt Ion:129 Resp: 3440

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#





#67

1,2-Dichlorobenzene

Concen: 0.078 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032527.D

Acq: 20 Oct 2023 16:39

Instrument :

MSVOA_V

ClientSampleId :

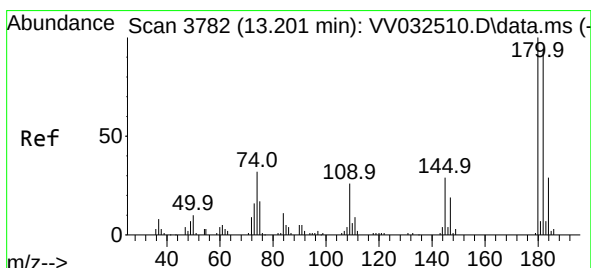
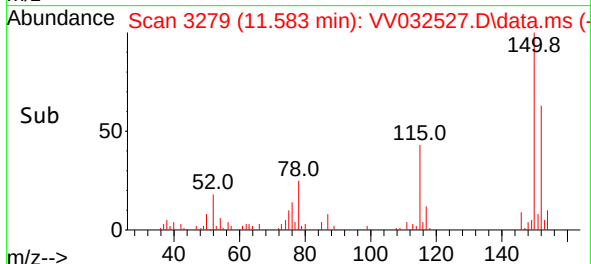
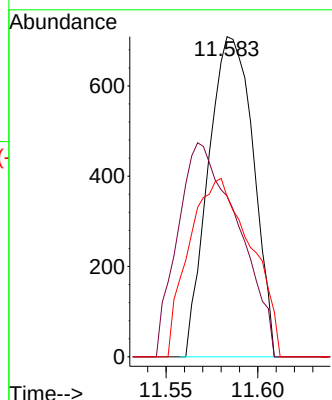
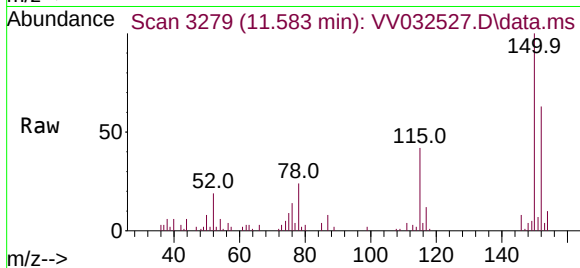
Tgt Ion:146 Resp: 1206

Ion Ratio Lower Upper

146 100

111 50.2 32.8 49.2#

148 50.1 51.0 76.4#



#70

1,2,4-trichlorobenzene

Concen: 0.127 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.006 min

Lab File: VV032527.D

Acq: 20 Oct 2023 16:39

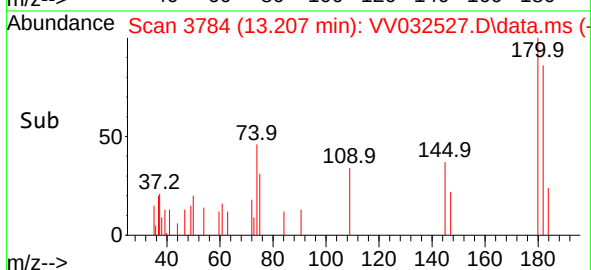
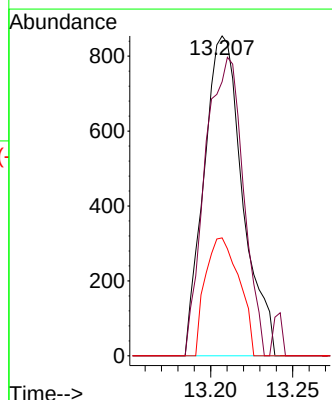
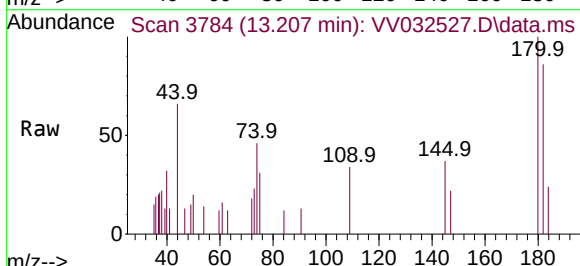
Tgt Ion:180 Resp: 1400

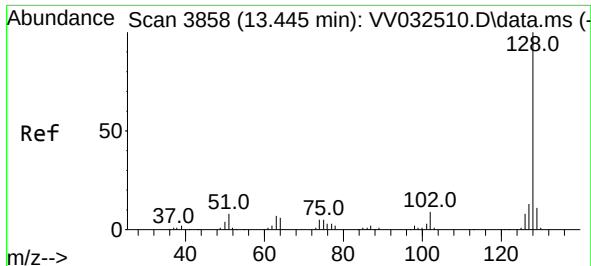
Ion Ratio Lower Upper

180 100

182 92.0 76.5 114.7

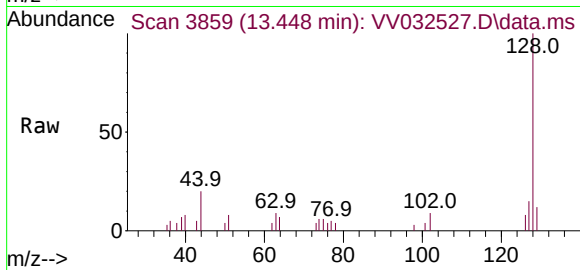
145 32.1 24.3 36.5



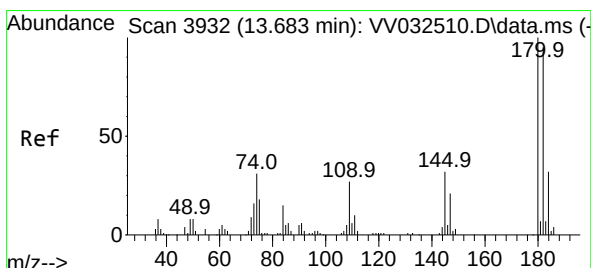
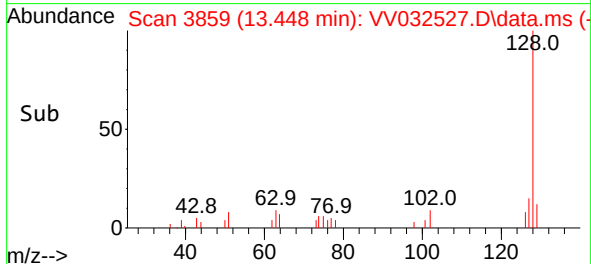
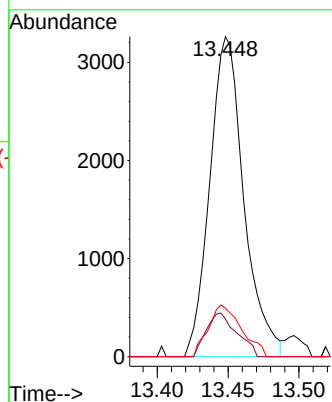


#71
Naphthalene
Concen: 0.291 ug/L
RT: 13.448 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032527.D
Acq: 20 Oct 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 5454
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.4
127 15.7 10.2 15.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.159 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032527.D
Acq: 20 Oct 2023 16:39

Tgt Ion:180 Resp: 1513
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.4
145 41.0 25.7 38.5#

