

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032555.D
 Acq On : 21 Oct 2023 04:23
 Operator : SY/MD
 Sample : 04993-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 03:00:57 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

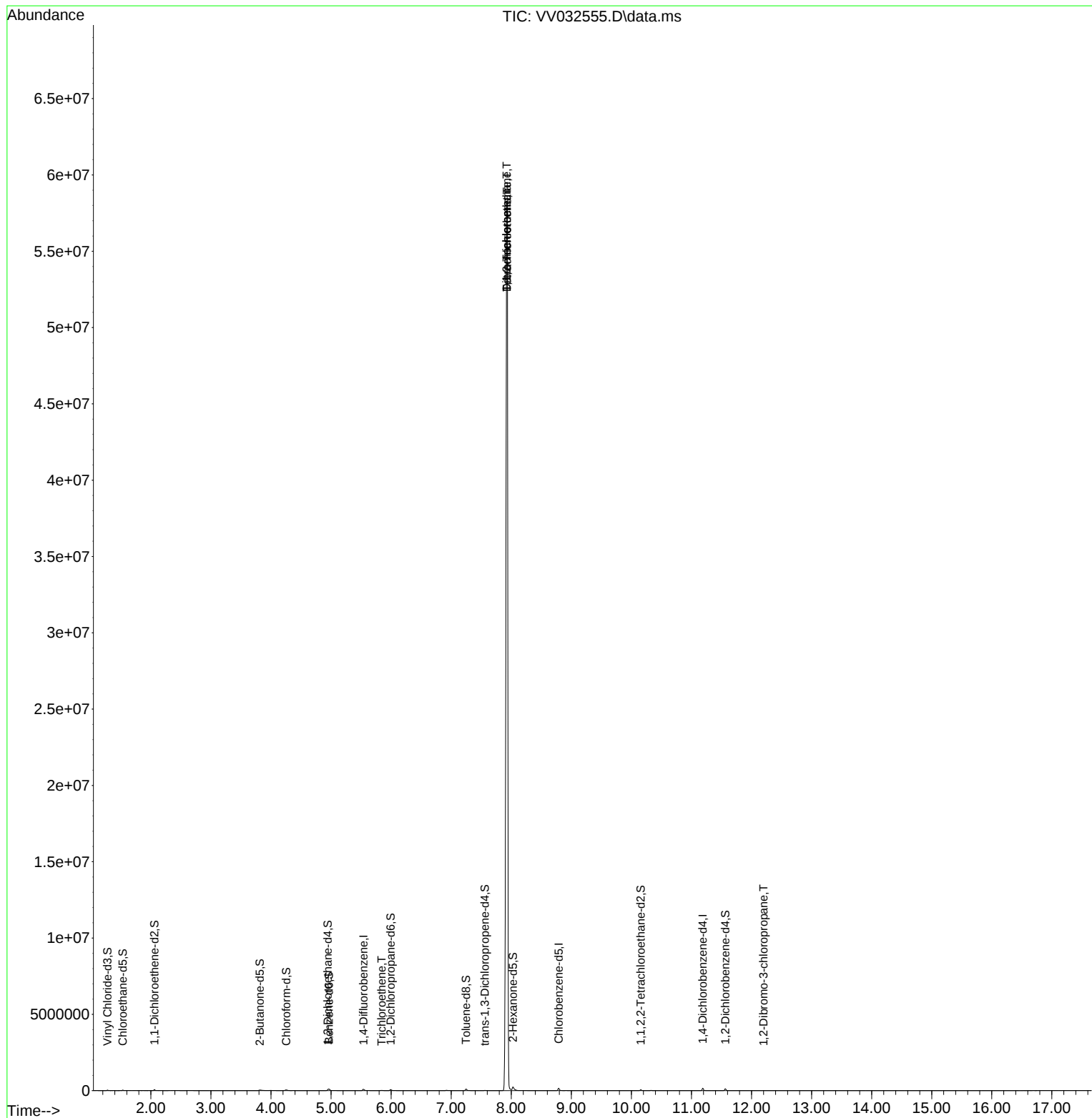
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	76875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	86896	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24259	3.880	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.532	69	24705	4.868	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.060	65	10587	4.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.400%	
20) 2-Butanone-d5	3.812	46	83270	52.650	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.300%	
24) Chloroform-d	4.253	84	54445	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	4.947	65	29144	5.578	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	4.963	84	92250	3.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.200%	
36) 1,2-Dichloropropane-d6	5.992	67	30864	3.643	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.800%	
41) Toluene-d8	7.246	98	77565	3.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	7.561	79	10685	3.559	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.200%	
46) 2-Hexanone-d5	8.027	63	72037	51.002	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.000%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28988	4.892	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	29904	4.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.600%	
Target Compounds						
34) Trichloroethene	5.841	95	6235	0.747	ug/L	95
45) 1,1,2-Trichloroethane	7.924	97	160273	27.769	ug/L #	5
47) Tetrachloroethene	7.931	164	16126613	2546.185	ug/L	95
49) Dibromochloromethane	7.928	129	15732737	2618.192	ug/L #	8
68) 1,2-Dibromo-3-chloropr...	12.201	75	227	0.264	ug/L #	1

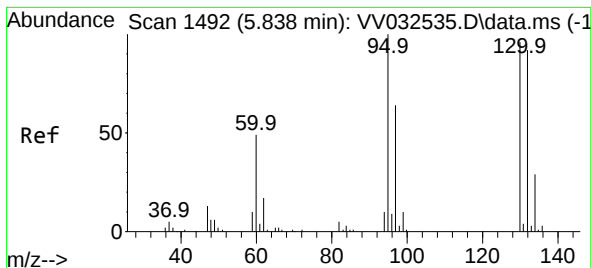
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.747 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV032555.D

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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6235

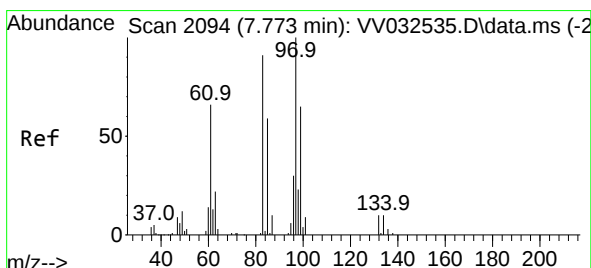
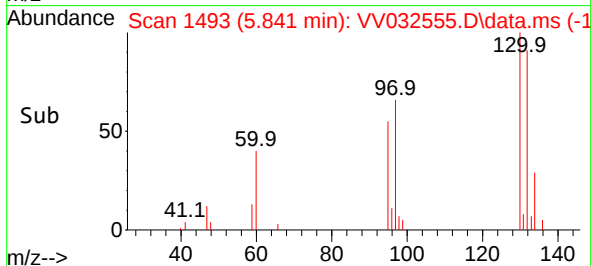
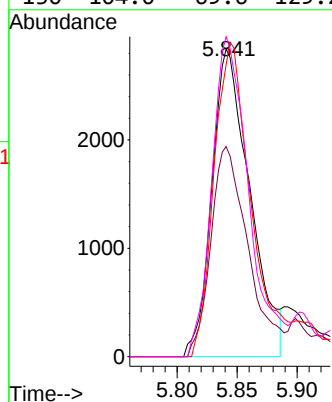
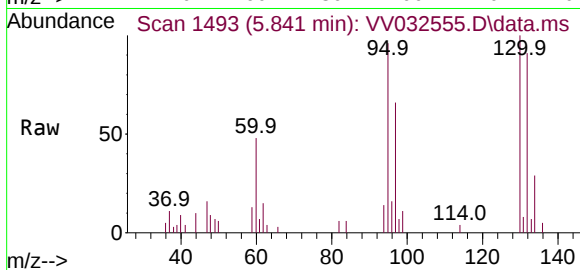
Ion Ratio Lower Upper

95 100

97 68.3 45.7 84.9

132 94.9 70.3 130.5

130 104.0 69.6 129.2



#45

1,1,2-Trichloroethane

Concen: 27.769 ug/L

RT: 7.924 min Scan# 2141

Delta R.T. 0.151 min

Lab File: VV032555.D

Acq: 21 Oct 2023 04:23

Tgt Ion: 97 Resp: 160273

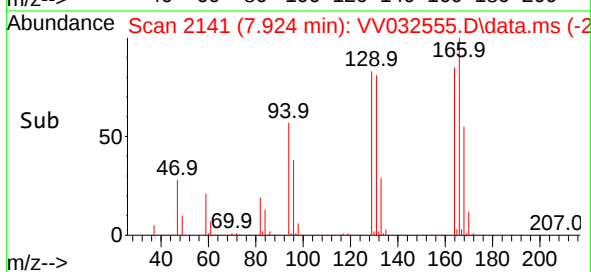
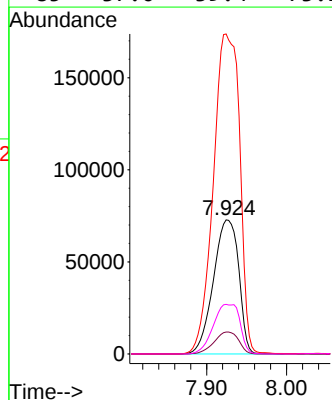
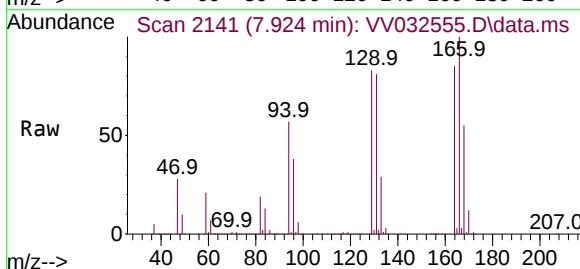
Ion Ratio Lower Upper

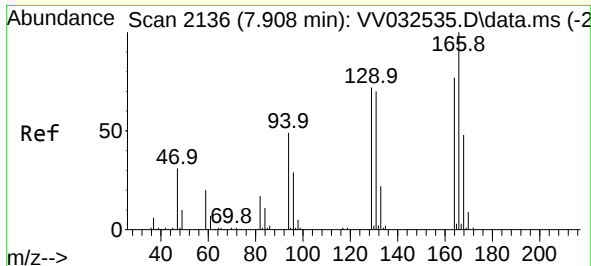
97 100

99 16.4 42.8 79.4#

83 238.7 60.9 113.1#

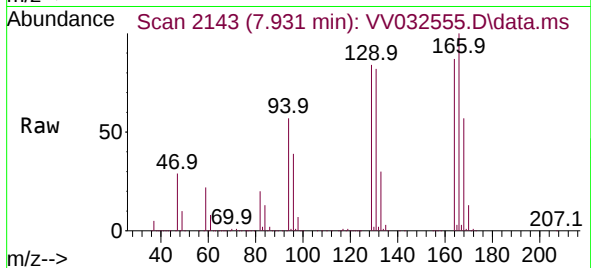
85 37.0 39.4 73.2#





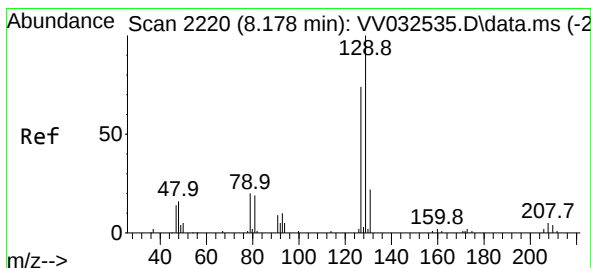
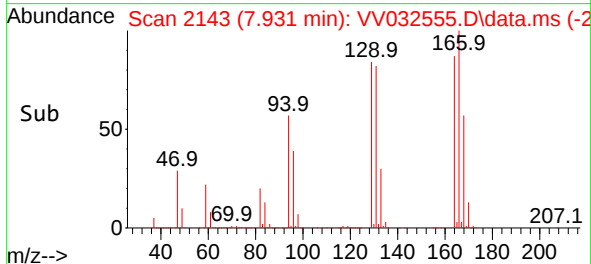
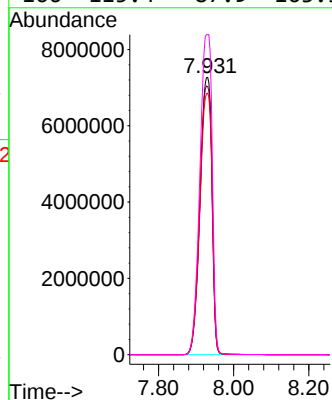
#47
Tetrachloroethene
Concen: 2546.185 ug/L
RT: 7.931 min Scan# 2143
Delta R.T. 0.023 min
Lab File: VV032555.D
Acq: 21 Oct 2023 04:23

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MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp:16126613

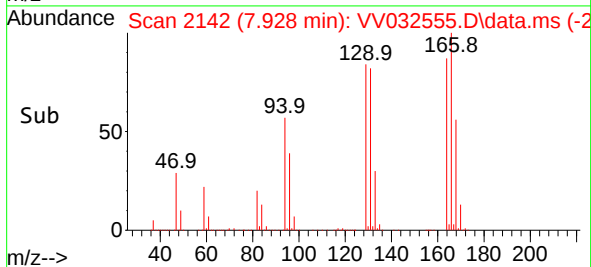
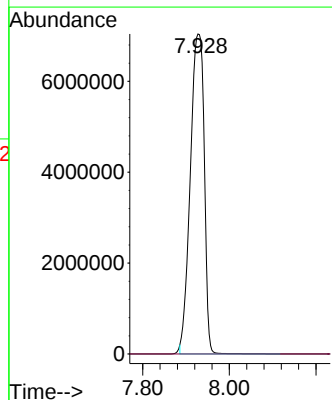
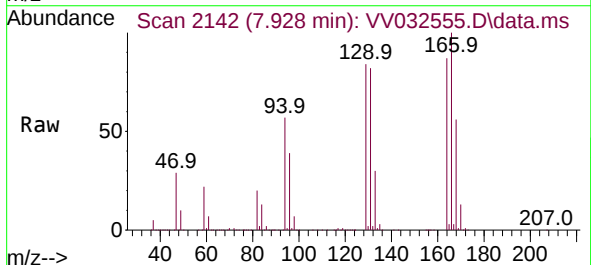
Ion	Ratio	Lower	Upper
164	100		
129	96.7	66.4	123.4
131	94.3	63.7	118.3
166	115.4	87.9	163.3

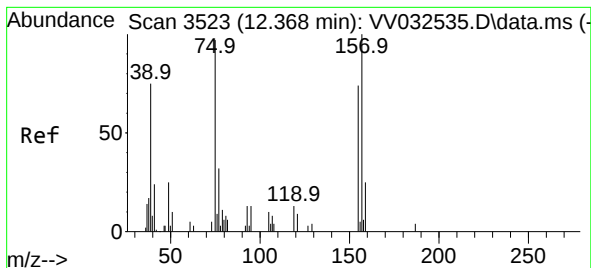


#49
Dibromochloromethane
Concen: 2618.192 ug/L
RT: 7.928 min Scan# 2142
Delta R.T. -0.251 min
Lab File: VV032555.D
Acq: 21 Oct 2023 04:23

Tgt Ion:129 Resp:15732737

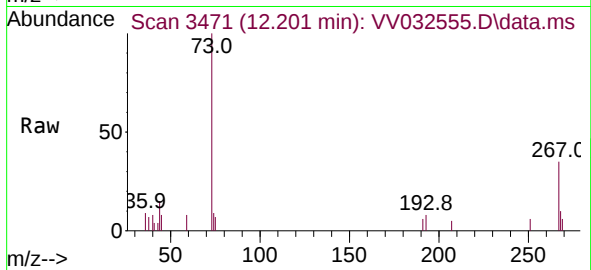
Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.2	106.2#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.264 ug/L
RT: 12.201 min Scan# 34
Delta R.T. -0.167 min
Lab File: VV032555.D
Acq: 21 Oct 2023 04:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#

