

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032235.D
 Acq On : 04 Oct 2023 17:28
 Operator : SY/MD
 Sample : 04741-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ5

Quant Time: Oct 05 01:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

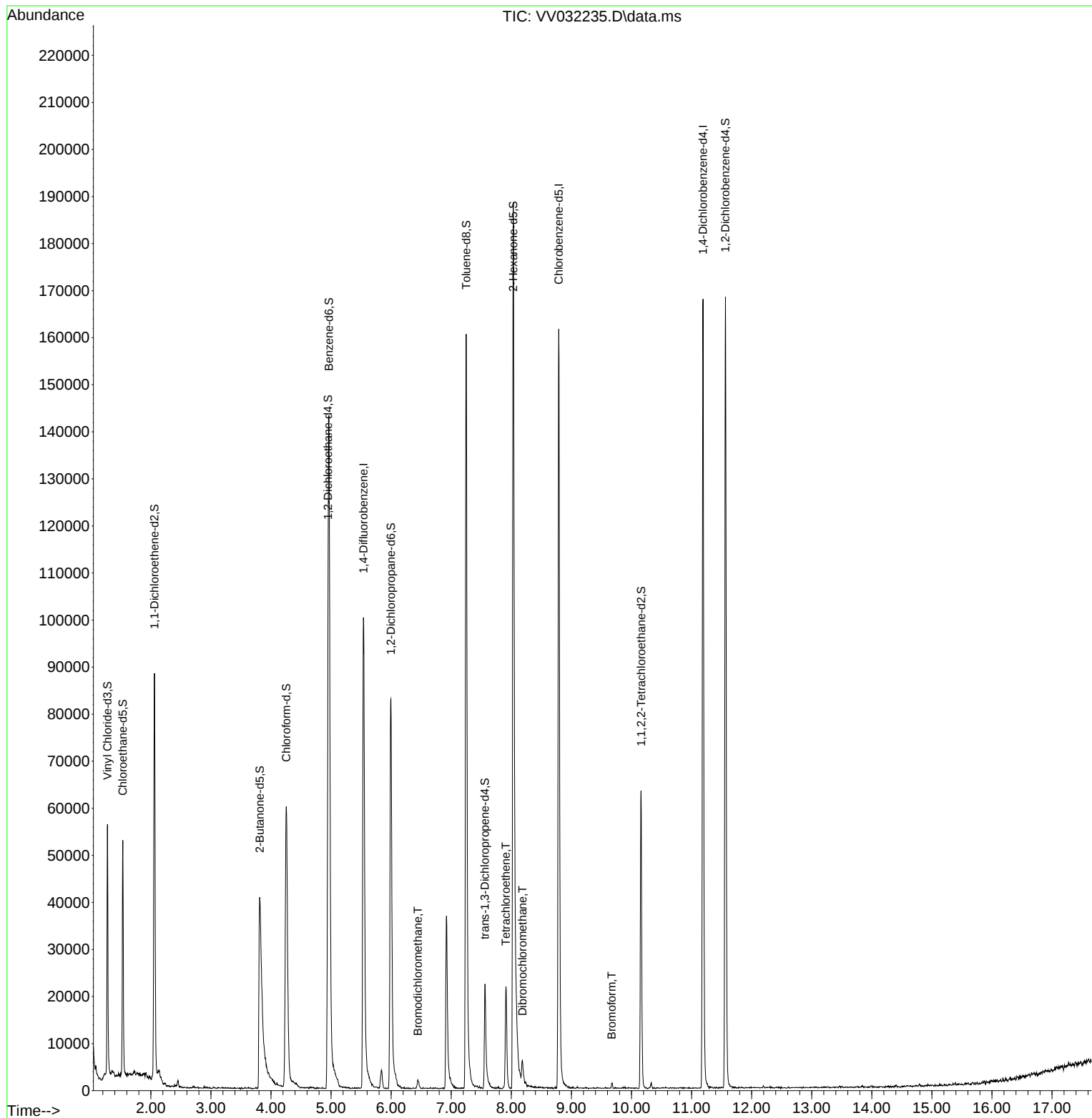
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35349	4.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.532	69	31499	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.060	65	14631	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.812	46	95868	48.960	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	4.256	84	66367	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.950	65	32745	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.963	84	129164	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	44615	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.249	98	114455	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.561	79	14164	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.031	63	70152	46.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.500%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31632	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	43336	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
38) Bromodichloromethane	6.445	83	1693	0.164	ug/L #	91
47) Tetrachloroethene	7.908	164	5024	0.747	ug/L	97
49) Dibromochloromethane	8.185	129	2547	0.399	ug/L	95
59) Bromoform	9.670	173	550	0.171	ug/L #	94

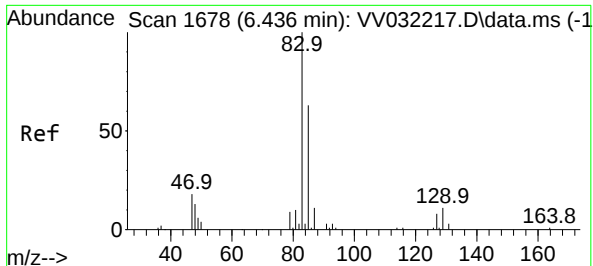
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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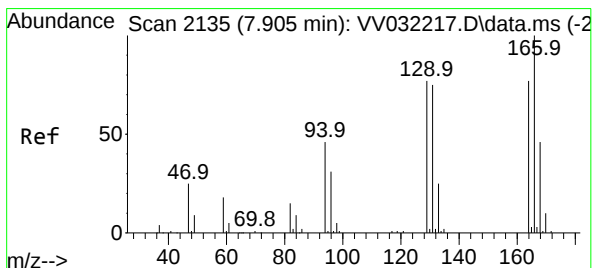
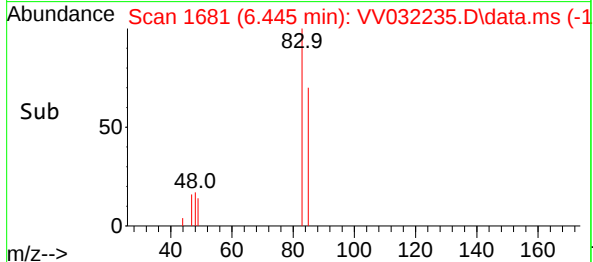
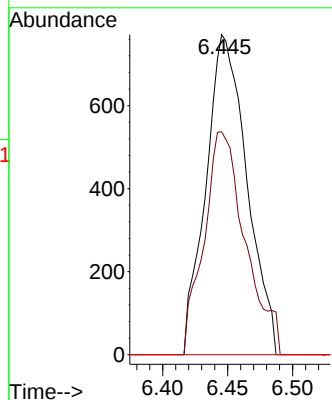
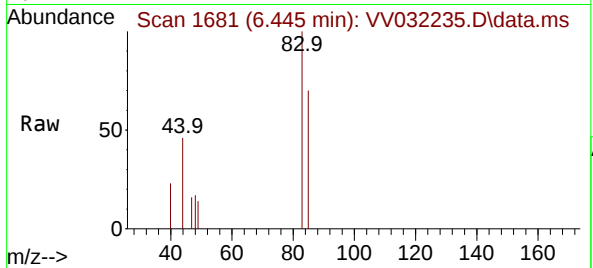




#38
Bromodichloromethane
Concen: 0.164 ug/L
RT: 6.445 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV032235.D
Acq: 04 Oct 2023 17:28

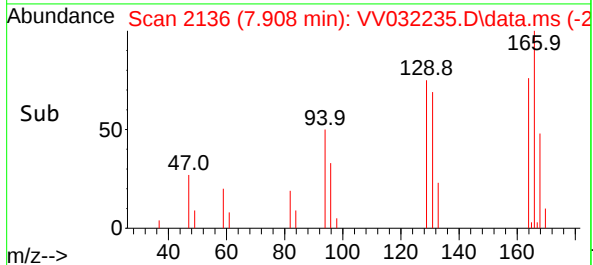
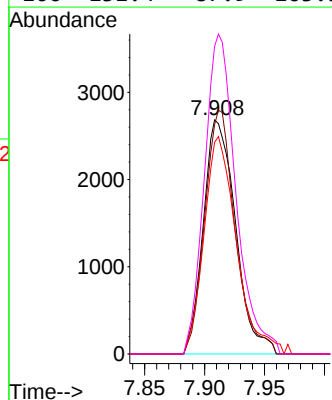
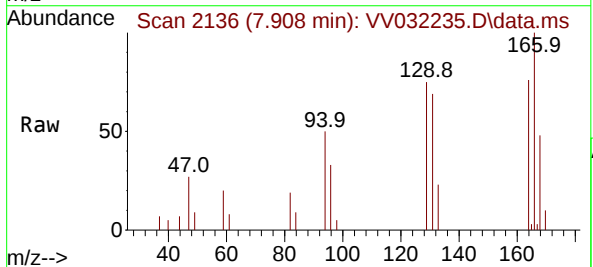
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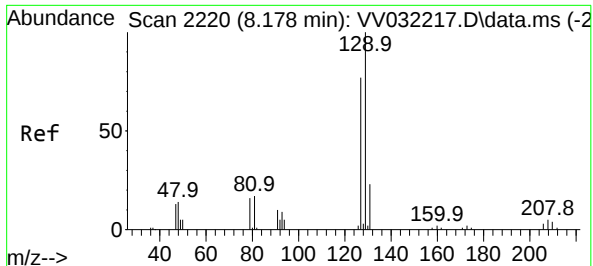
Tgt Ion: 83 Resp: 1693
Ion Ratio Lower Upper
83 100
85 69.6 44.9 83.3
127 0.0 6.9 10.3#



#47
Tetrachloroethene
Concen: 0.747 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032235.D
Acq: 04 Oct 2023 17:28

Tgt Ion: 164 Resp: 5024
Ion Ratio Lower Upper
164 100
129 98.0 66.4 123.4
131 90.4 63.7 118.3
166 131.4 87.9 163.3





#49

Dibromochloromethane

Concen: 0.399 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Instrument :

MSVOA_V

ClientSampleId :

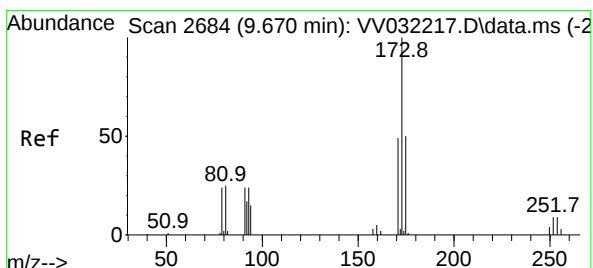
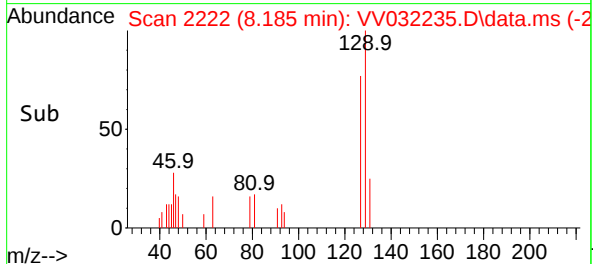
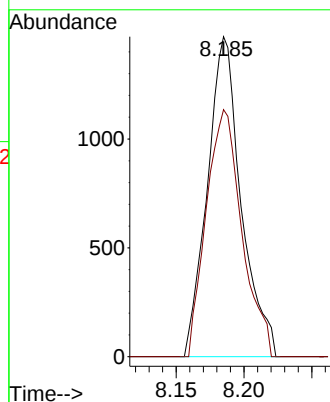
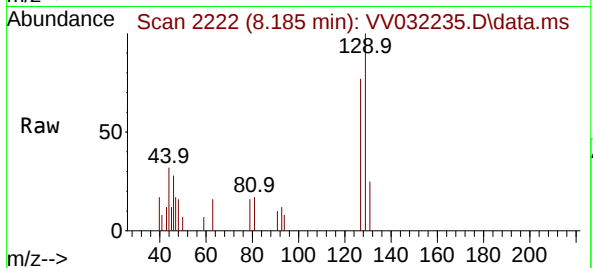
C0AZ5

Tgt Ion:129 Resp: 2547

Ion Ratio Lower Upper

129 100

127 77.2 57.2 106.2



#59

Bromoform

Concen: 0.171 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Tgt Ion:173 Resp: 550

Ion Ratio Lower Upper

173 100

175 46.0 38.2 57.2

254 0.0 7.0 10.4#

