

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032239.D
 Acq On : 04 Oct 2023 19:06
 Operator : SY/MD
 Sample : 04741-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

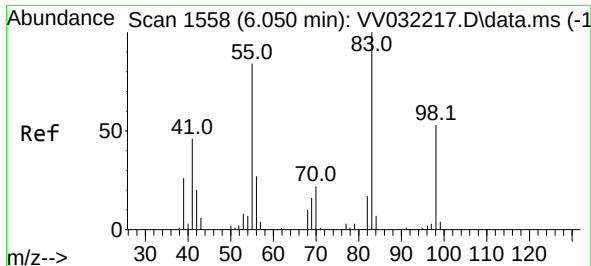
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:44:23 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	95513	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	94821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	45311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34892	4.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.532	69	31957	5.068	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.056	65	14846	4.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	3.818	46	98747	50.252	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.500%	
24) Chloroform-d	4.256	84	66857	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	4.950	65	32525	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	4.963	84	132456	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	5.995	67	45627	4.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.249	98	114083	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	7.561	79	14590	4.454	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.034	63	70222	45.562	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.120%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31736	4.908	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	42741	5.083	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						Qvalue
35) Methylcyclohexane	5.995	83	10194	0.723	ug/L #	17
38) Bromodichloromethane	6.445	83	1969	0.186	ug/L #	97
47) Tetrachloroethene	7.911	164	5188	0.751	ug/L	94
49) Dibromochloromethane	8.185	129	3370	0.514	ug/L	91
59) Bromoform	9.677	173	872	0.265	ug/L #	95
61) 1,2,3-Trichloropropane	11.188	75	5817	1.206	ug/L #	64

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



#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.055 min

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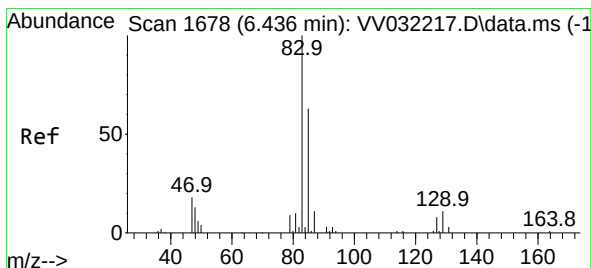
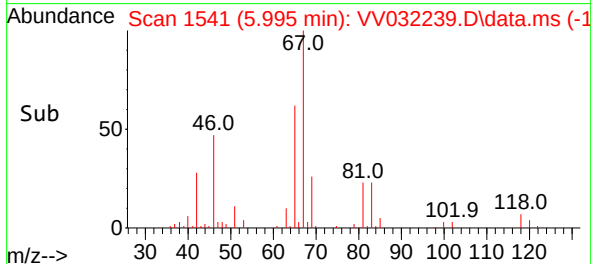
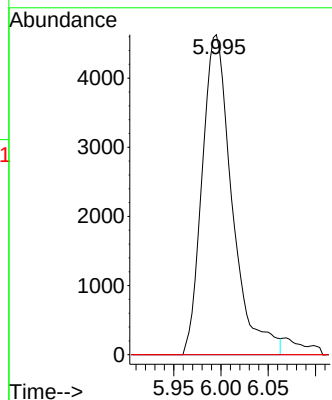
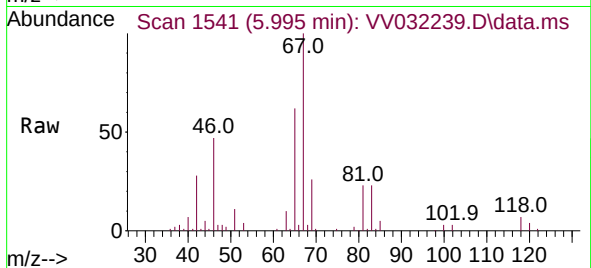
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ClientSampleId :

Tgt Ion: 83	Resp: 10194
Ion Ratio	Lower Upper
83 100	
55 0.0	64.2 96.2#
98 0.5	39.6 59.4#



#38

Bromodichloromethane

Concen: 0.186 ug/L

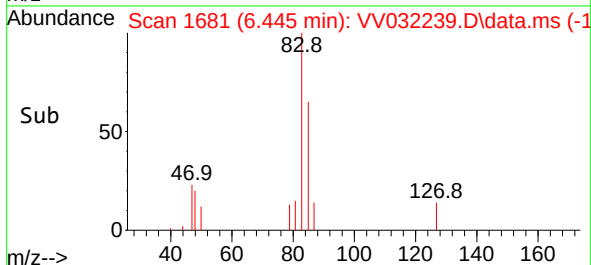
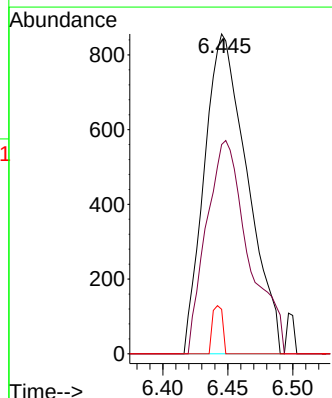
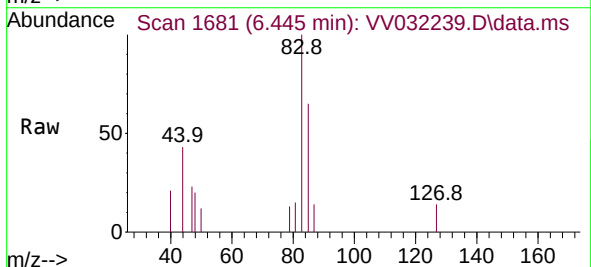
RT: 6.445 min Scan# 1681

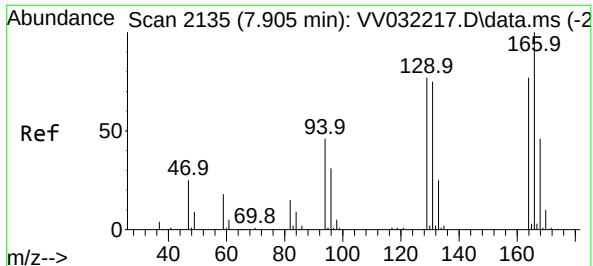
Delta R.T. 0.010 min

Lab File: VV032239.D

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Tgt Ion: 83	Resp: 1969
Ion Ratio	Lower Upper
83 100	
85 65.4	44.9 83.3
127 13.9	6.9 10.3#





#47

Tetrachloroethene

Concen: 0.751 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

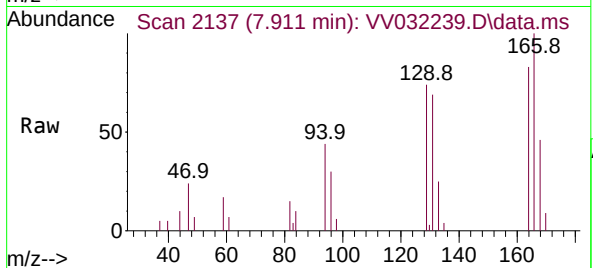
Lab File: VV032239.D

Acq: 04 Oct 2023 19:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5188

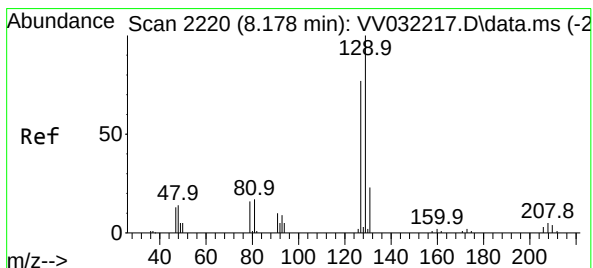
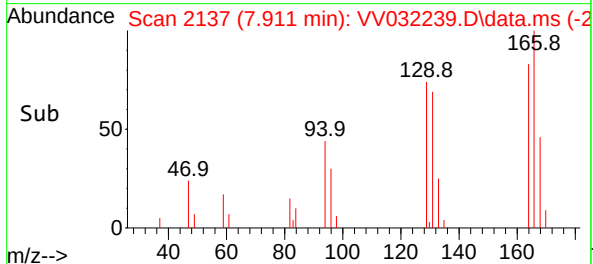
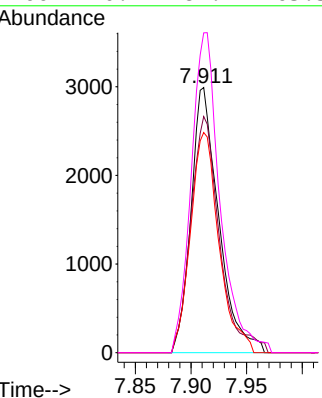
Ion Ratio Lower Upper

164 100

129 89.1 66.4 123.4

131 83.1 63.7 118.3

166 120.7 87.9 163.3



#49

Dibromochloromethane

Concen: 0.514 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.006 min

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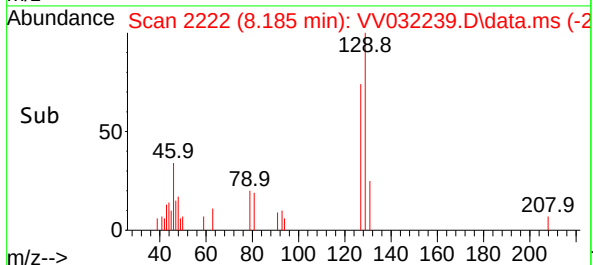
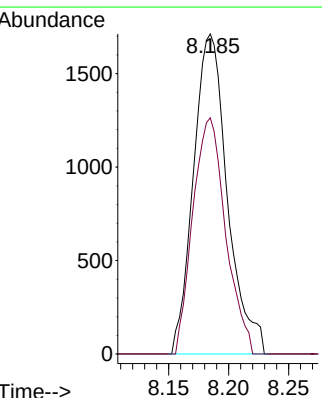
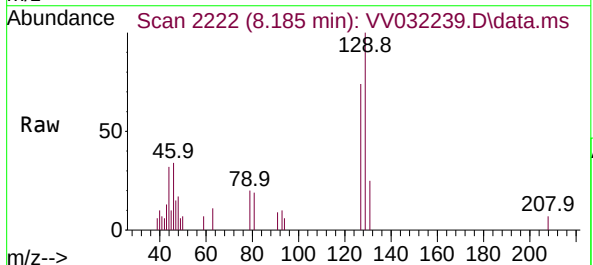
Acq: 04 Oct 2023 19:06

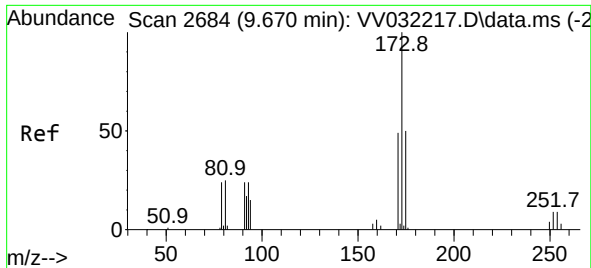
Tgt Ion:129 Resp: 3370

Ion Ratio Lower Upper

129 100

127 73.8 57.2 106.2





#59

Bromoform

Concen: 0.265 ug/L

RT: 9.677 min Scan# 2

Delta R.T. 0.006 min

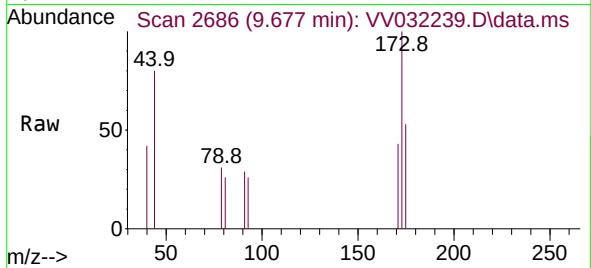
Lab File: VV032239.D

Acq: 04 Oct 2023 19:06

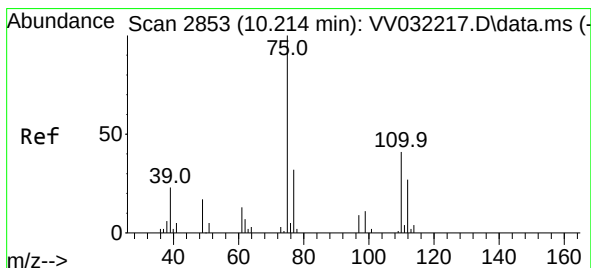
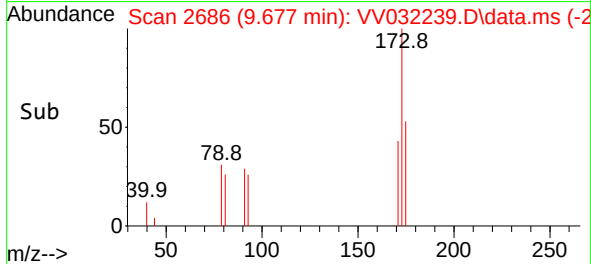
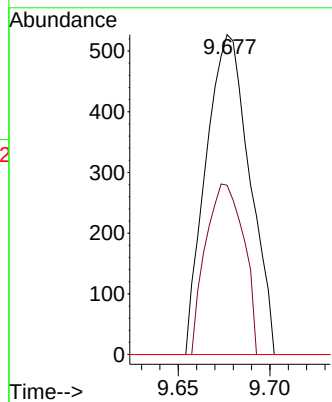
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	872
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.2	57.2
254	0.0	7.0	10.4



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

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Tgt Ion:	75	Resp:	5817
Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.2	39.2
110	0.0	30.6	46.0

