

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029123.D
 Acq On : 18 Nov 2022 17:11
 Operator : SY/MD
 Sample : N5687-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE5

Quant Time: Nov 18 23:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

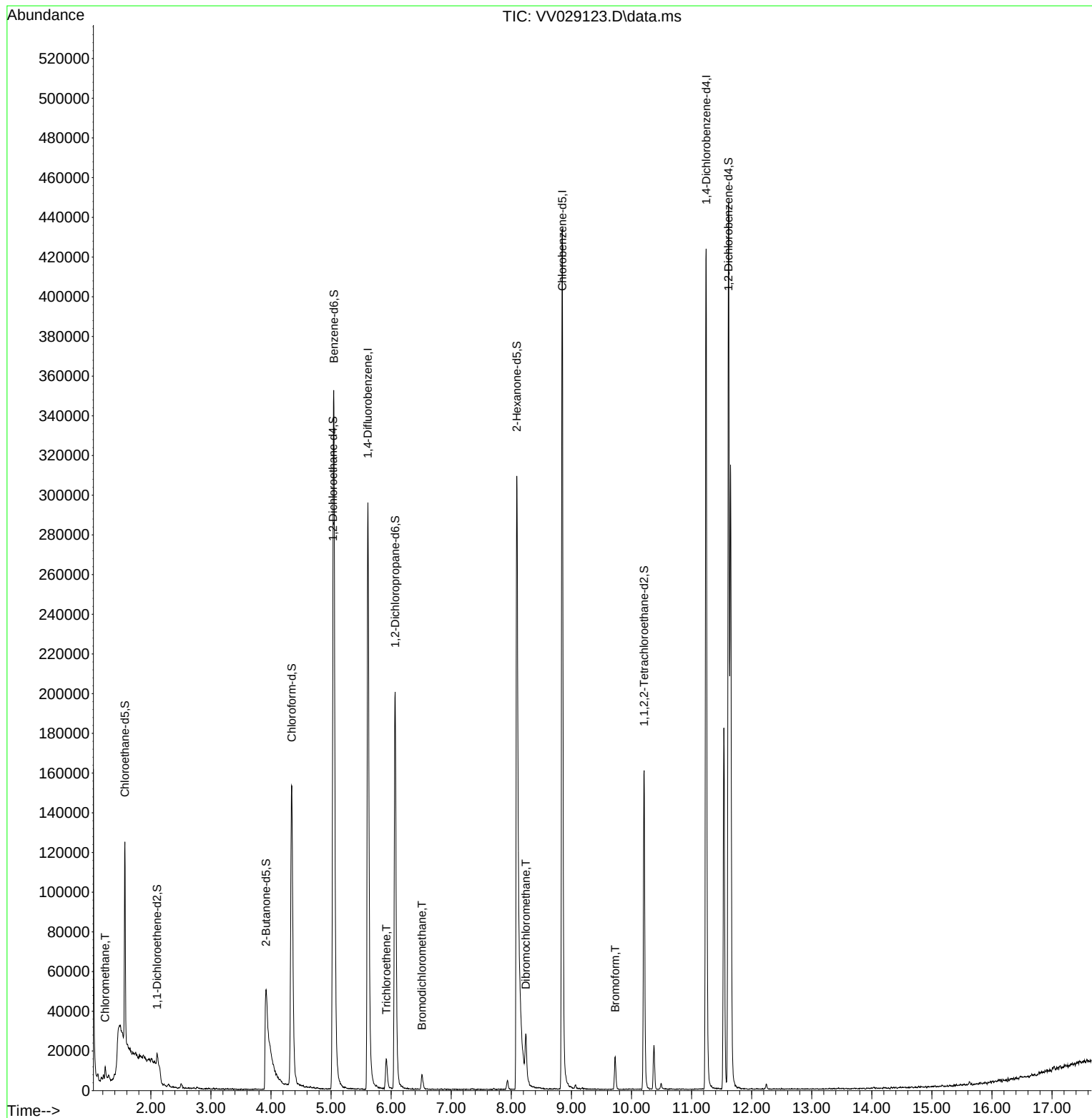
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	278488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	119530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.568	69	65385	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.105	63	3071	0.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	2.000%#
20) 2-Butanone-d5	3.915	46	149119	52.469	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	4.346	84	166305	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.030	65	81528	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.047	84	339926	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	106921	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	0.000	98	0d	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.091	63	144395	48.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80516	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	117846	5.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
3) Chloromethane	1.240	50	4532	0.235	ug/L	96
34) Trichloroethene	5.918	95	5542	0.277	ug/L	93
38) Bromodichloromethane	6.513	83	5903	0.259	ug/L	93
49) Dibromochloromethane	8.243	129	11438	0.802	ug/L	98
59) Bromoform	9.728	173	8045	1.235	ug/L	99

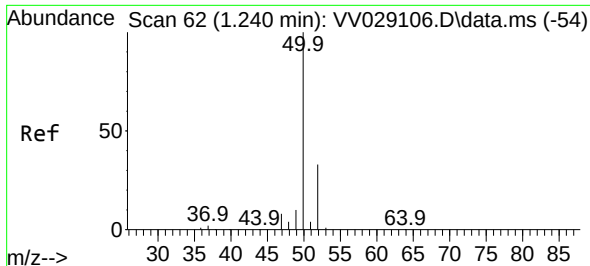
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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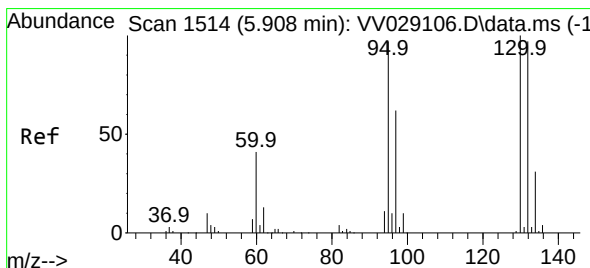
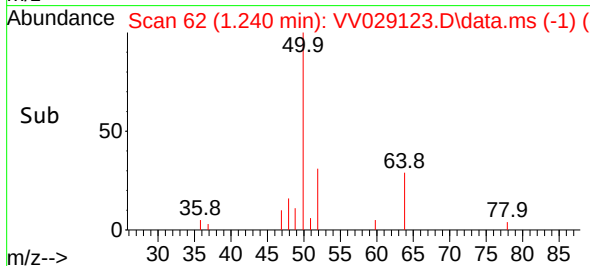
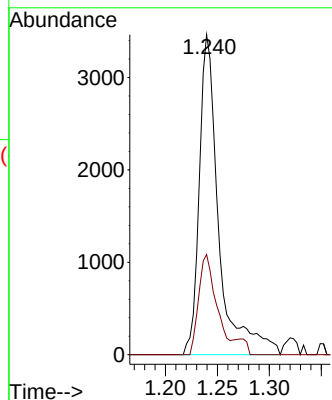
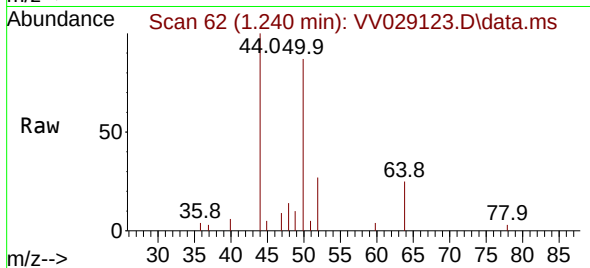




#3
Chloromethane
Concen: 0.235 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

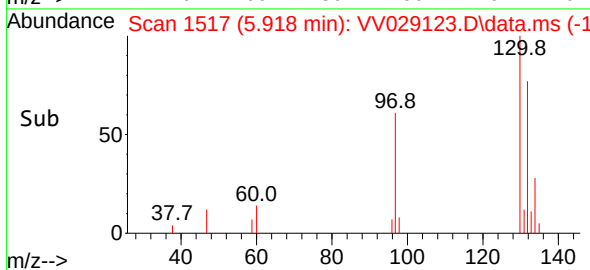
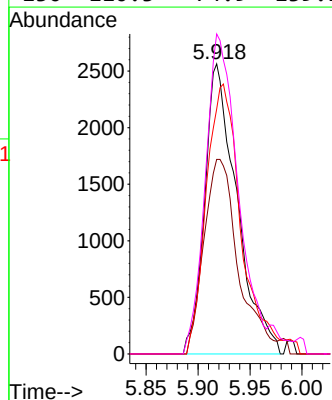
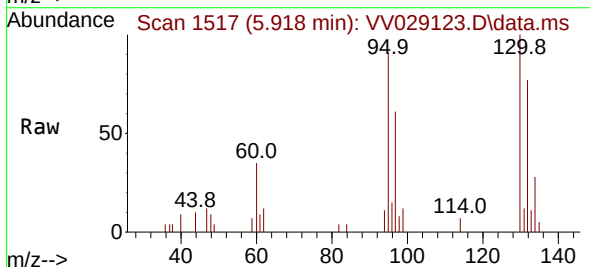
Instrument :
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ClientSampleId :
BGCE5

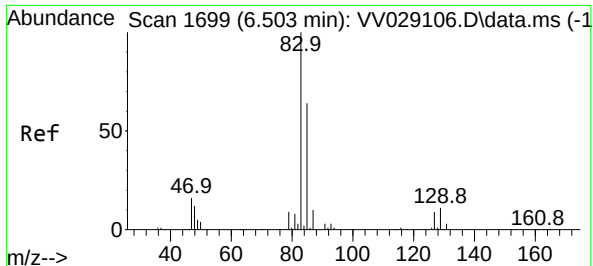
Tgt Ion: 50 Resp: 4532
Ion Ratio Lower Upper
50 100
52 31.3 23.7 43.9



#34
Trichloroethene
Concen: 0.277 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 95 Resp: 5542
Ion Ratio Lower Upper
95 100
97 67.0 45.6 84.8
132 84.4 69.1 128.3
130 110.3 74.9 139.1

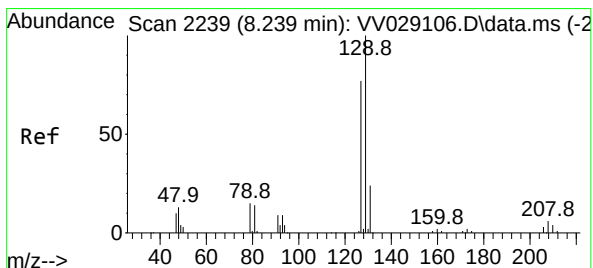
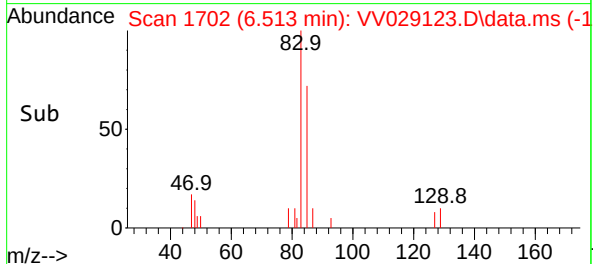
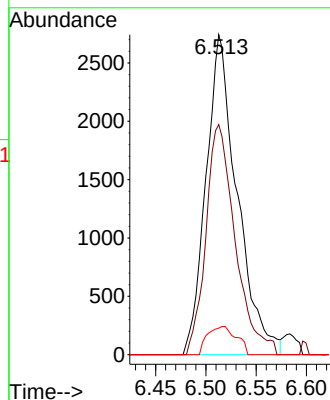
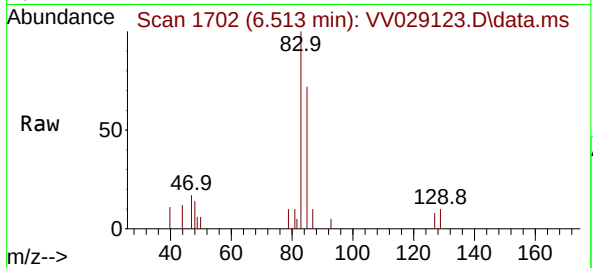




#38
Bromodichloromethane
Concen: 0.259 ug/L
RT: 6.513 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

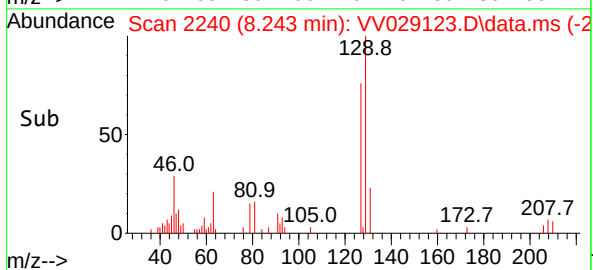
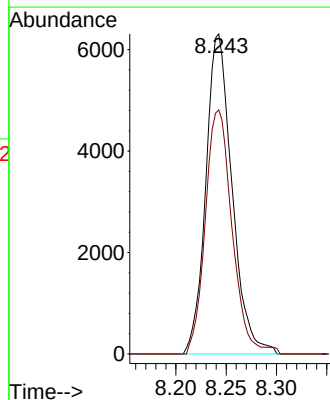
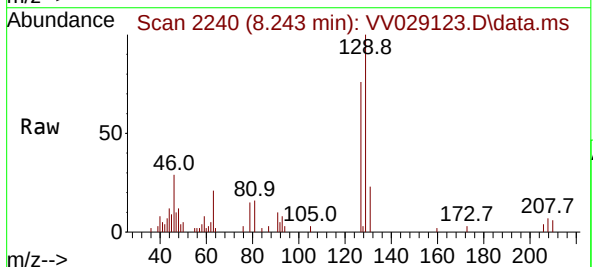
Instrument :
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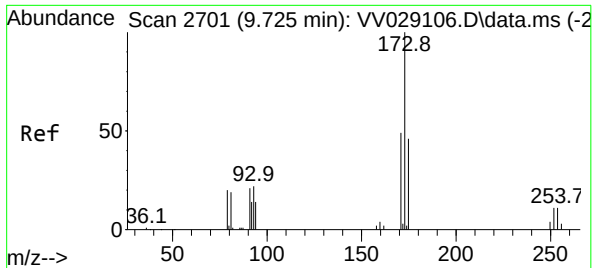
Tgt Ion: 83 Resp: 5903
Ion Ratio Lower Upper
83 100
85 71.9 46.1 85.5
127 8.3 6.7 10.1



#49
Dibromochloromethane
Concen: 0.802 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 129 Resp: 11438
Ion Ratio Lower Upper
129 100
127 76.3 54.5 101.1





#59
Bromoform
Concen: 1.235 ug/L
RT: 9.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

Instrument :
MSVOA_V
ClientSampleId :
BGCE5

Tgt Ion:	173	Resp:	8045
Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.2	57.4
254	10.3	8.5	12.7

