

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029139.D
 Acq On : 19 Nov 2022 00:24
 Operator : SY/MD
 Sample : M5688-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG2

Quant Time: Nov 19 02:00:50 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)

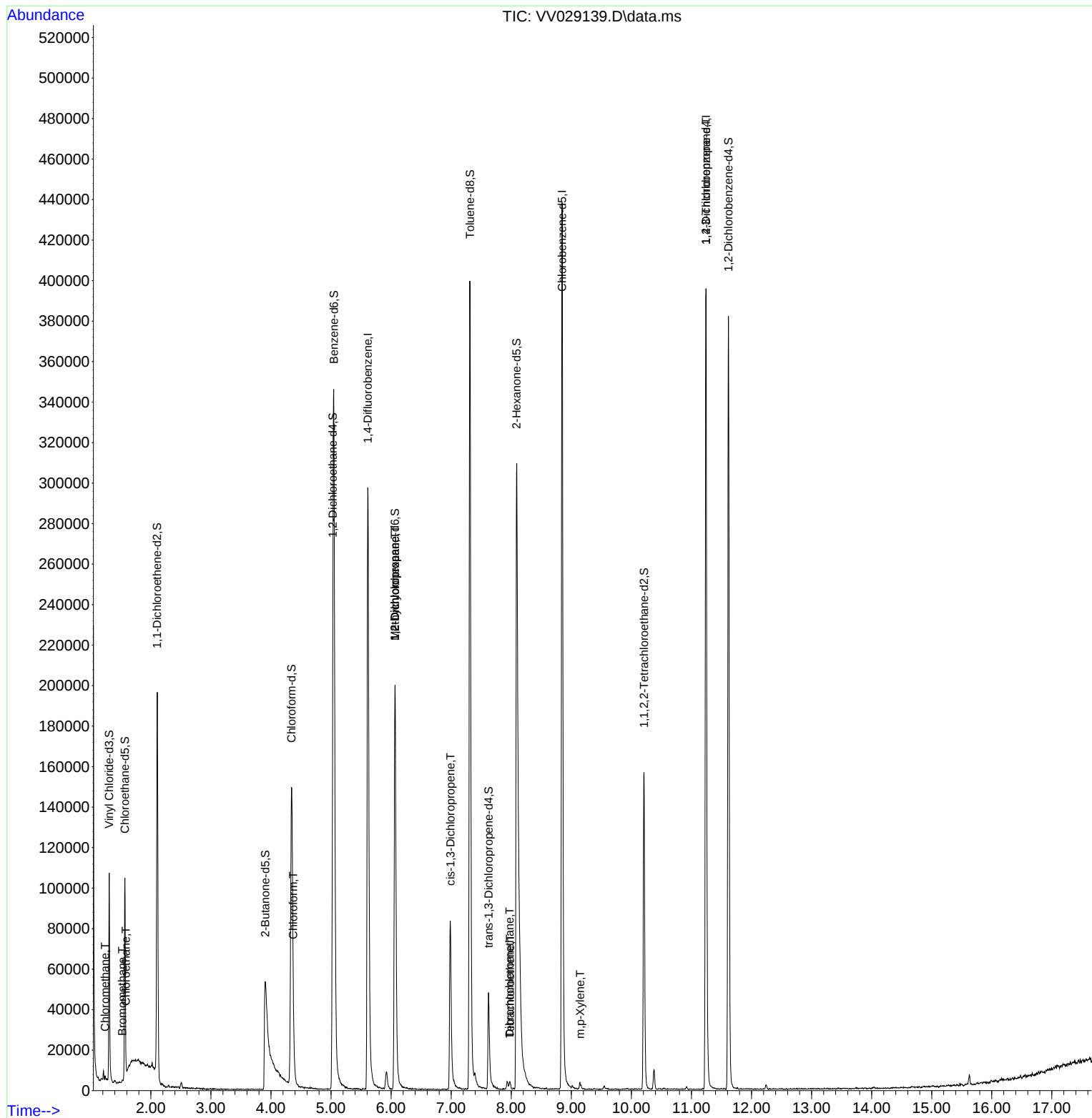
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	281057	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	257235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	114692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68398	3.992	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.568	69	63232	4.198	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.105	63	97597	3.126	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.600%	
20) 2-Butanone-d5	3.905	46	138707	48.359	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.720%	
24) Chloroform-d	4.343	84	165758	4.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.031	65	81183	5.129	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.047	84	337362	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.066	67	105789	4.934	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.314	98	289406	4.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.622	79	30742	4.396	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.088	63	153716	51.499	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.000%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	81277	5.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	106437	5.187	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1500	0.077	ug/L	98
6) Bromomethane	1.523	94	758	0.057	ug/L #	68
8) Chloroethane	1.584	64	7051	0.541	ug/L #	53
25) Chloroform	4.372	83	9096	0.269	ug/L	81
35) Methylcyclohexane	6.066	83	25965	0.734	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11048	0.609	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2120	0.084	ug/L #	68
47) Tetrachloroethene	7.982	164	854	0.053	ug/L	85
49) Dibromochloromethane	7.976	129	766	0.053	ug/L #	10
53) m,p-Xylene	9.146	106	1421	0.040	ug/L	71
61) 1,2,3-Trichloropropane	11.243	75	12914	1.648	ug/L #	64

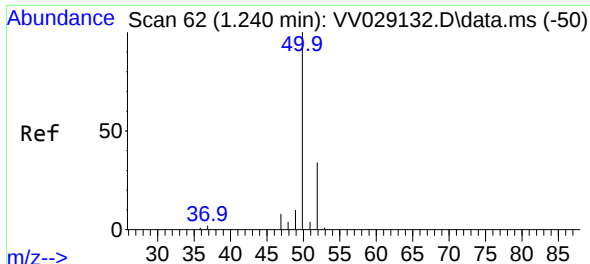
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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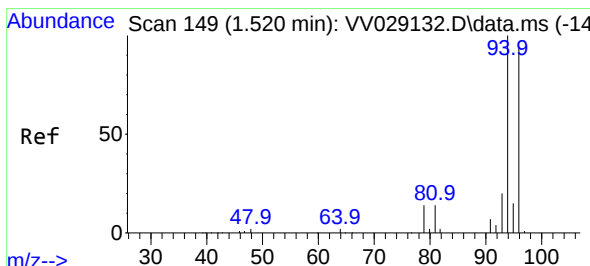
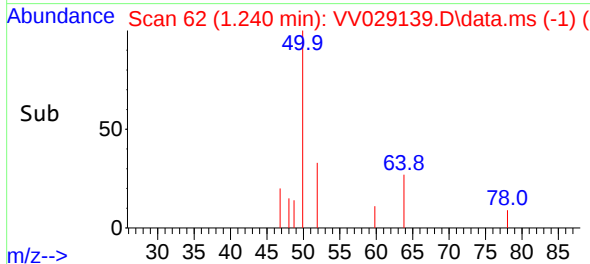
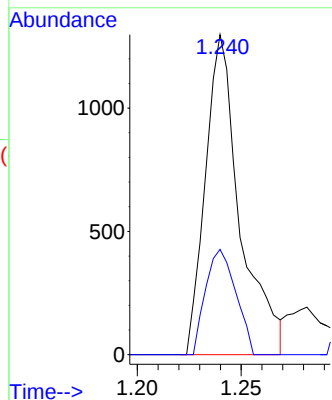
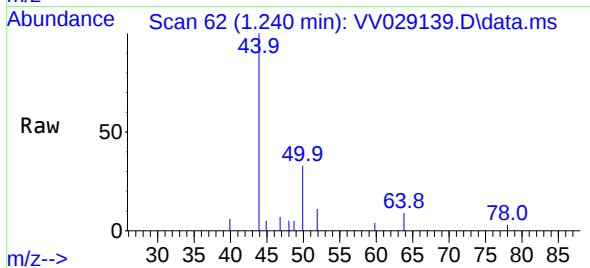




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029139.D
Acq: 19 Nov 2022 00:24

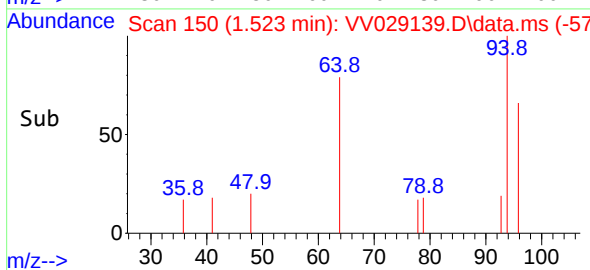
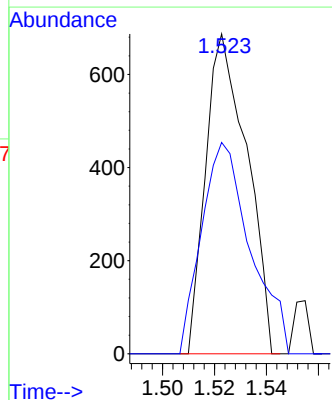
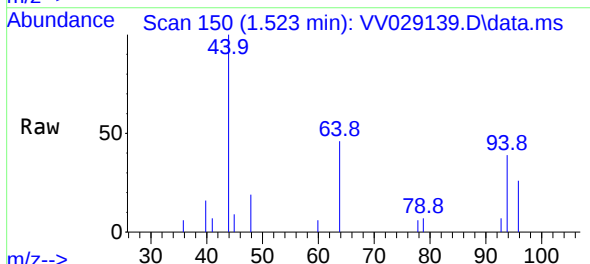
Instrument :
MSVOA_V
ClientSampleId :
BGCG2

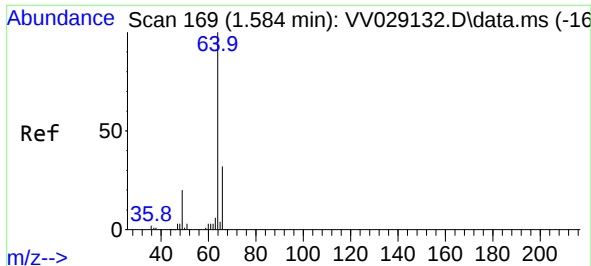
Tgt Ion: 50 Resp: 1500
Ion Ratio Lower Upper
50 100
52 32.9 23.7 43.9



#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV029139.D
Acq: 19 Nov 2022 00:24

Tgt Ion: 94 Resp: 758
Ion Ratio Lower Upper
94 100
96 66.1 68.5 127.3#

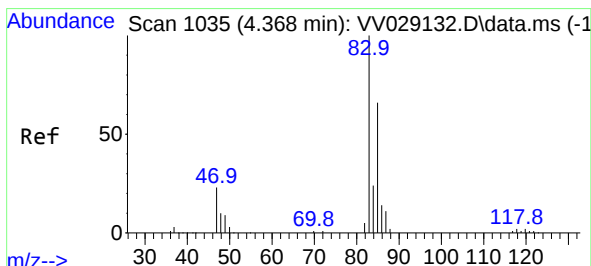
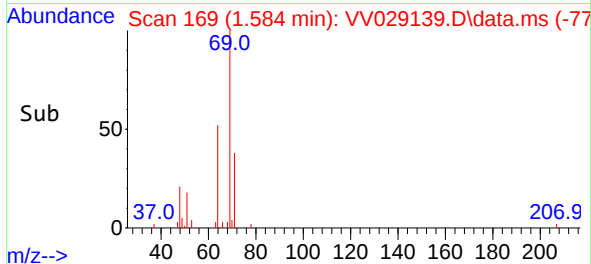
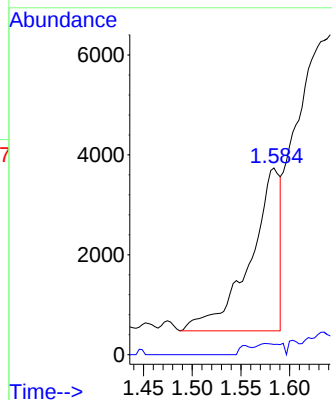
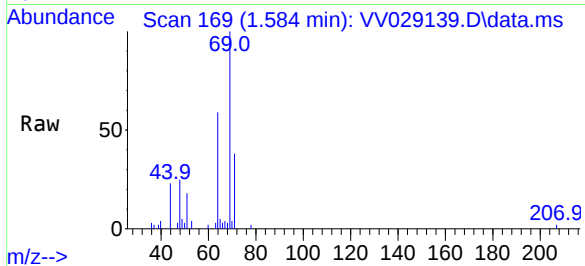




#8
Chloroethane
Concen: 0.541 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029139.D
Acq: 19 Nov 2022 00:24

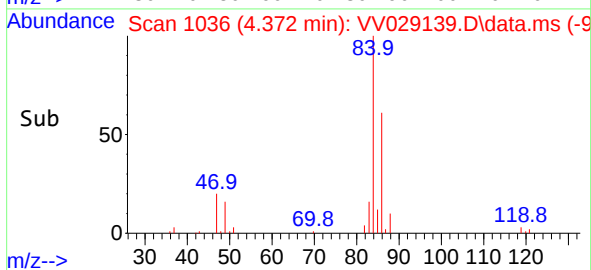
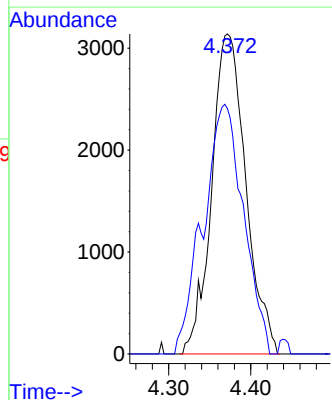
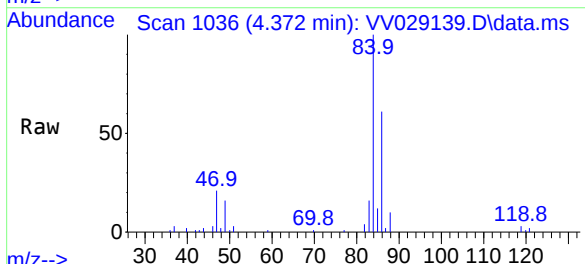
Instrument :
MSVOA_V
ClientSampleId :
BGCG2

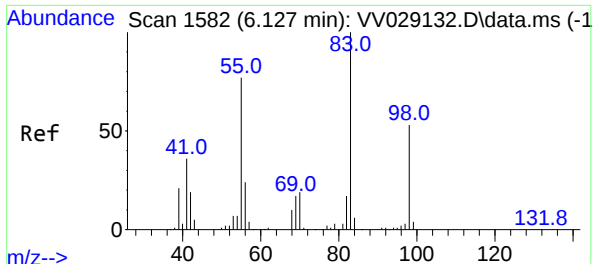
Tgt Ion: 64 Resp: 7051
Ion Ratio Lower Upper
64 100
66 5.5 22.0 40.8#



#25
Chloroform
Concen: 0.269 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV029139.D
Acq: 19 Nov 2022 00:24

Tgt Ion: 83 Resp: 9096
Ion Ratio Lower Upper
83 100
85 76.7 43.7 81.1





#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029139.D

Acq: 19 Nov 2022 00:24

Instrument :

MSVOA_V

ClientSampleId :

BGCG2

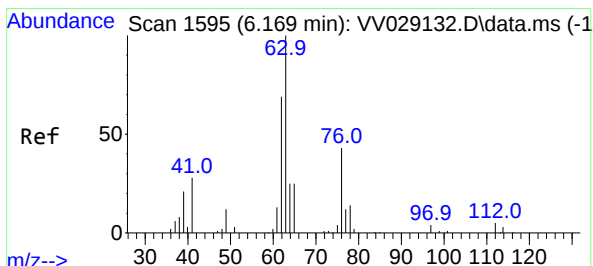
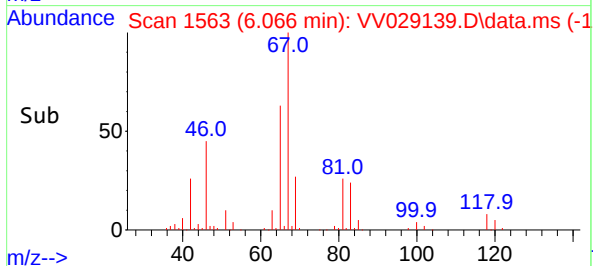
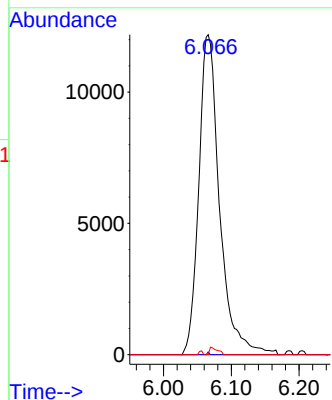
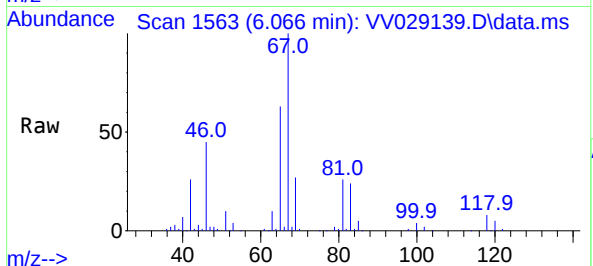
Tgt Ion: 83 Resp: 25965

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.9 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029139.D

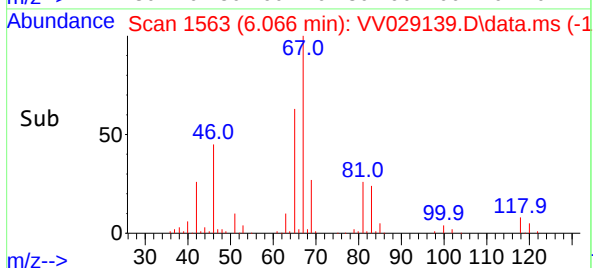
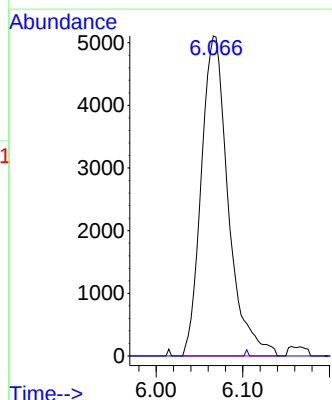
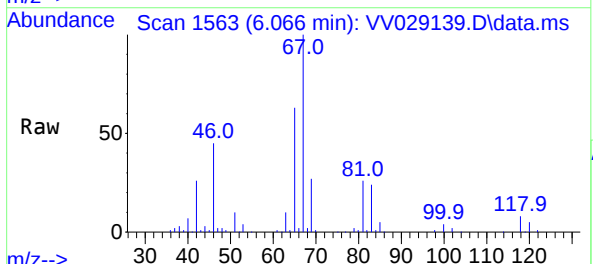
Acq: 19 Nov 2022 00:24

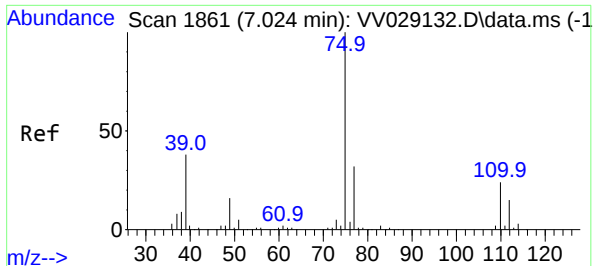
Tgt Ion: 63 Resp: 11048

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029139.D

Acq: 19 Nov 2022 00:24

Instrument :

MSVOA_V

ClientSampleId :

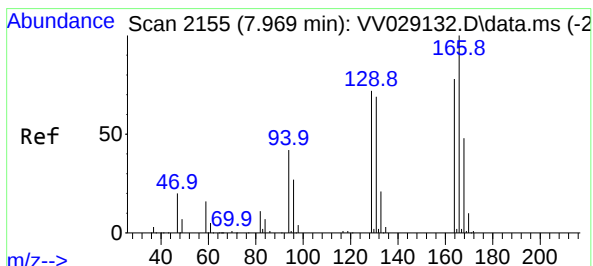
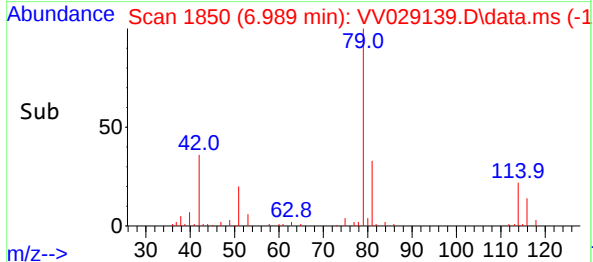
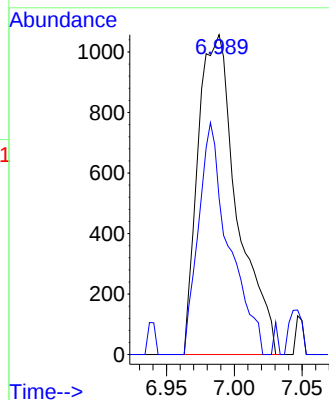
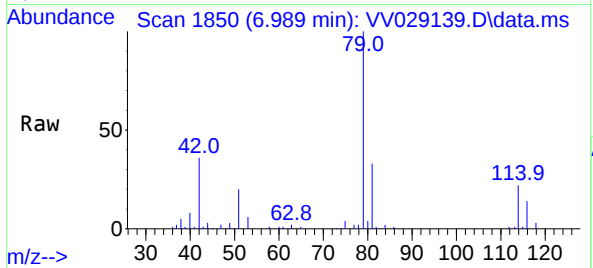
BGCG2

Tgt Ion: 75 Resp: 2120

Ion Ratio Lower Upper

75 100

77 49.0 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.053 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV029139.D

Acq: 19 Nov 2022 00:24

Tgt Ion:164 Resp: 854

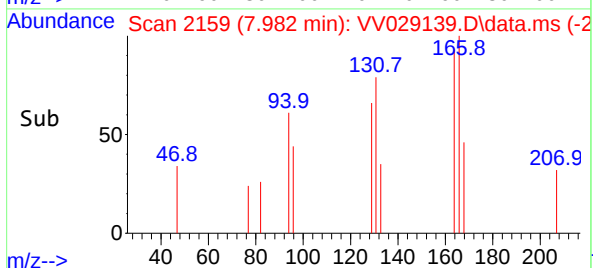
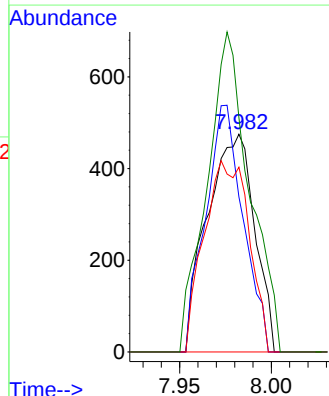
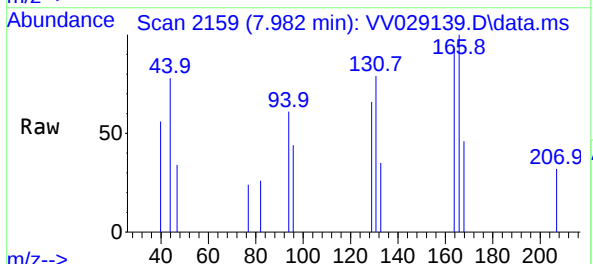
Ion Ratio Lower Upper

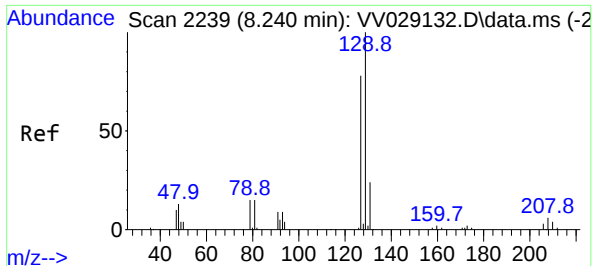
164 100

129 71.2 63.9 118.7

131 84.8 61.8 114.8

166 107.6 90.2 167.4

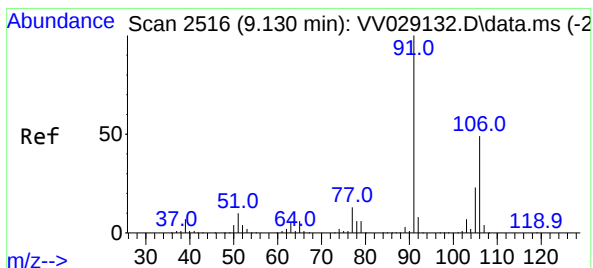
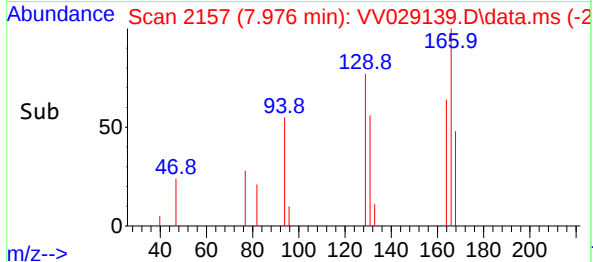
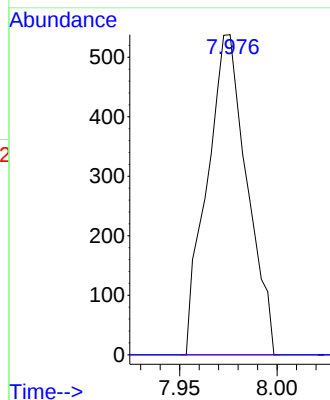
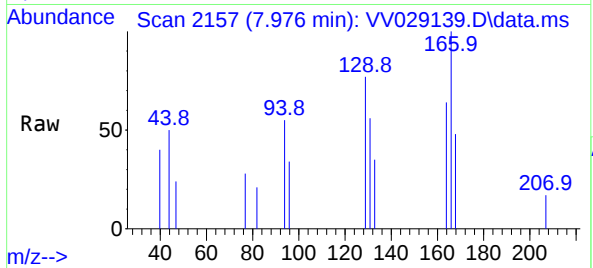




#49
Dibromochloromethane
Concen: 0.053 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.264 min
Lab File: VV029139.D
Acq: 19 Nov 2022 00:24

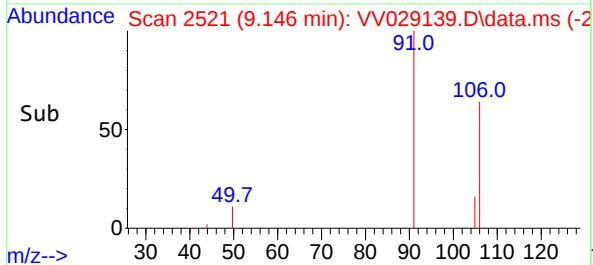
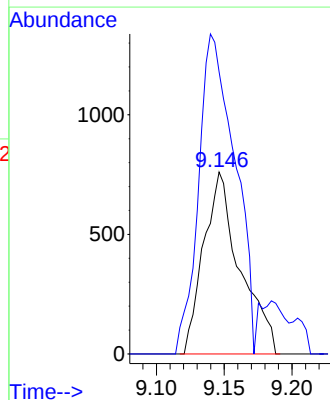
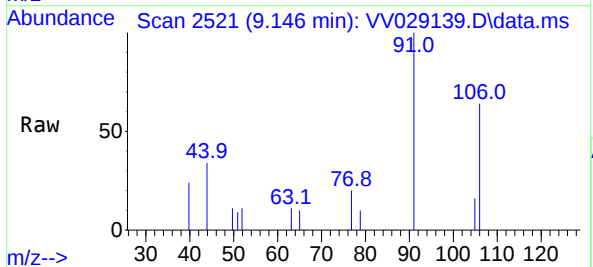
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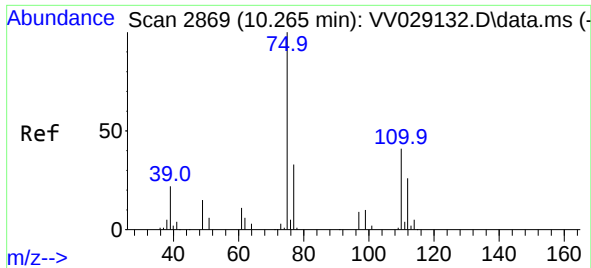
Tgt Ion:129 Resp: 766
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#53
m,p-Xylene
Concen: 0.040 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV029139.D
Acq: 19 Nov 2022 00:24

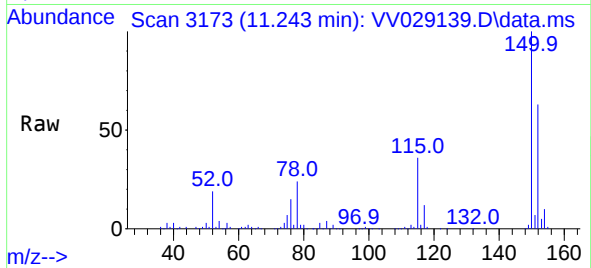
Tgt Ion:106 Resp: 1421
Ion Ratio Lower Upper
106 100
91 155.1 139.1 258.3





#61
 1,2,3-Trichloropropane
 Concen: 1.648 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029139.D
 Acq: 19 Nov 2022 00:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG2



Tgt Ion: 75 Resp: 12914
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.2 39.2
 110 1.8 32.6 48.8#

