

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)

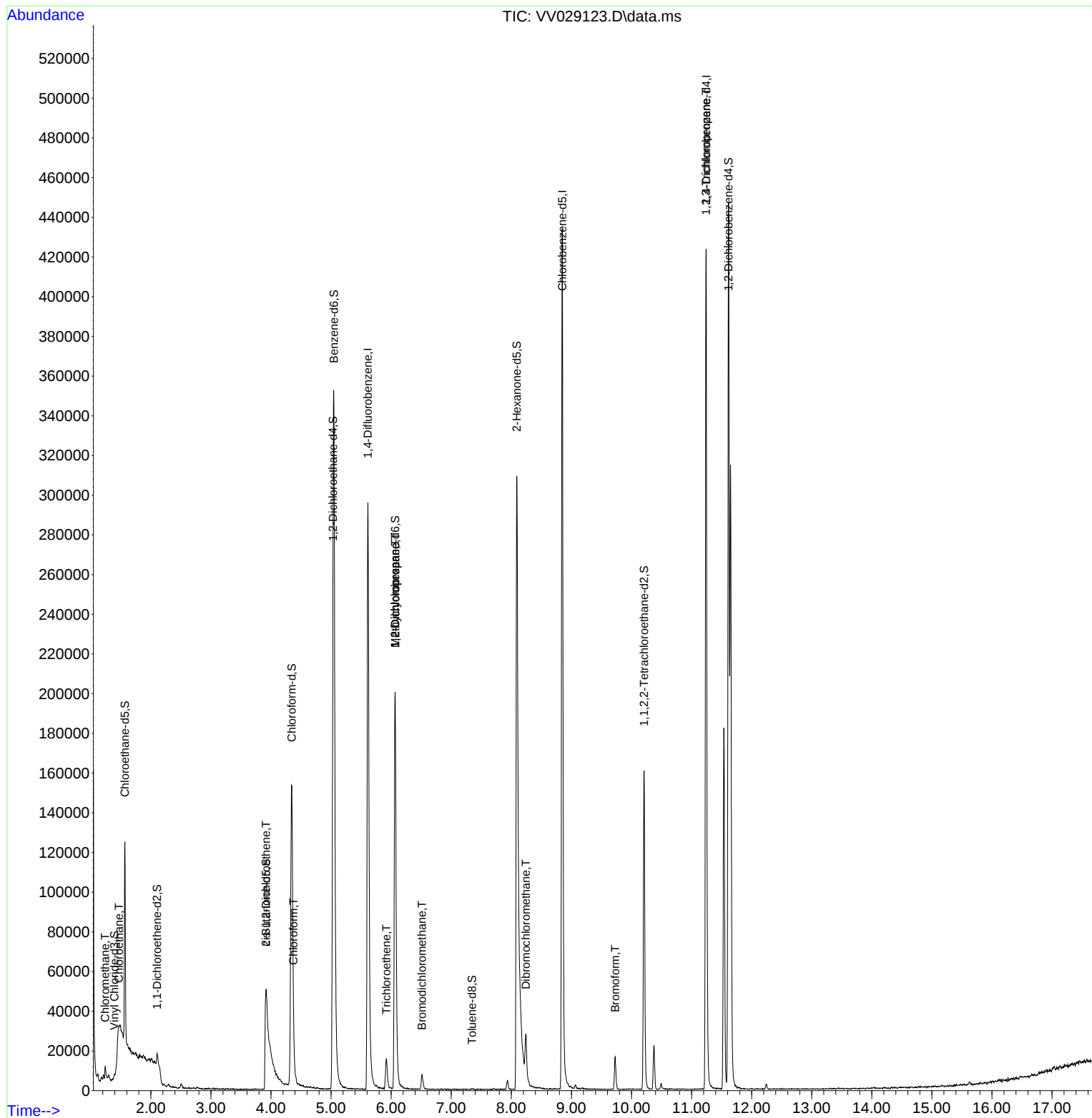
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	278488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	119530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.391	65	73	0.004	ug/L	0.08
Spiked Amount	5.000	Range	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	7.342	98	258	0.004	ug/L	0.03
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
8) Chloroethane	1.468	64	50743	3.929	ug/L #	52
22) cis-1,2-Dichloroethene	3.915	96	1168	0.059	ug/L	86
25) Chloroform	4.375	83	5049	0.151	ug/L	98
34) Trichloroethene	5.918	95	5542	0.277	ug/L	93
35) Methylcyclohexane	6.066	83	25790	0.733	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11548	0.641	ug/L #	85
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
61) 1,2,3-Trichloropropane	11.239	75	13385	1.639	ug/L #	65

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

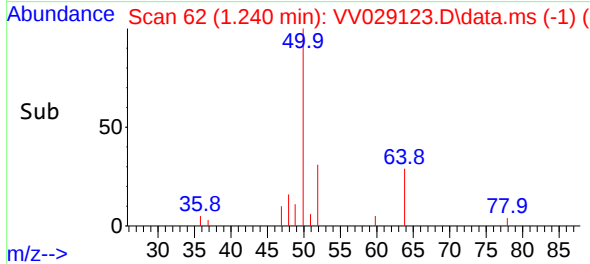
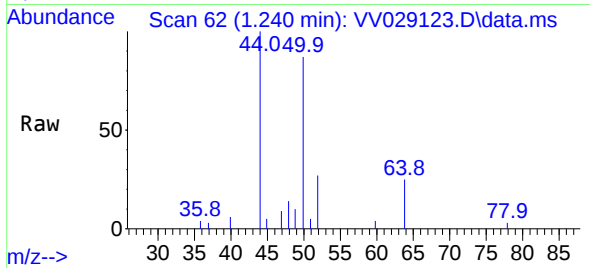
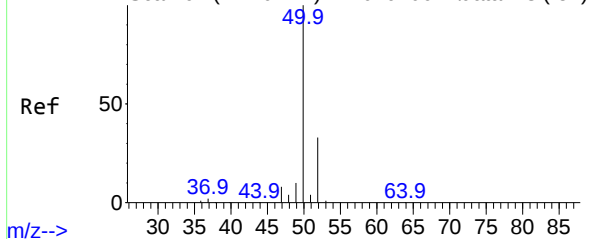
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
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QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029106.D\data.ms (-54)



#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 :

MSVOA_V

ClientSampleId :

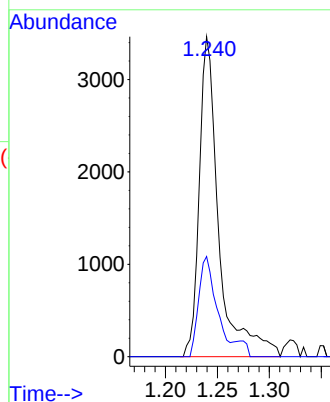
BGCE5

Tgt Ion: 50 Resp: 4532

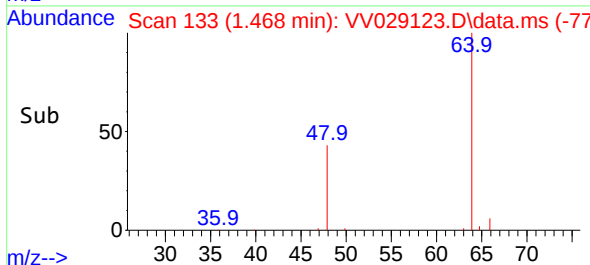
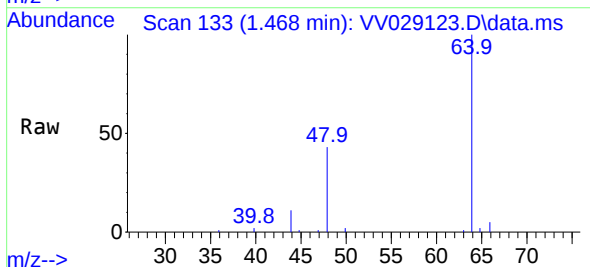
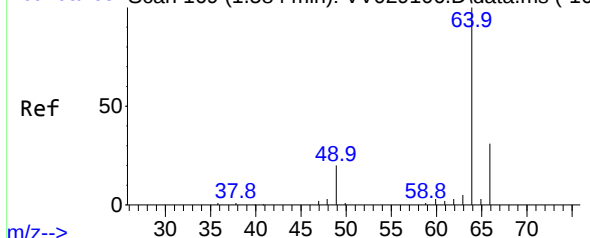
Ion Ratio Lower Upper

50 100

52 31.3 23.7 43.9



Abundance Scan 169 (1.584 min): VV029106.D\data.ms (-16)



#8

Chloroethane

Concen: 3.929 ug/L

RT: 1.468 min Scan# 133

Delta R.T. -0.119 min

Lab File: VV029123.D

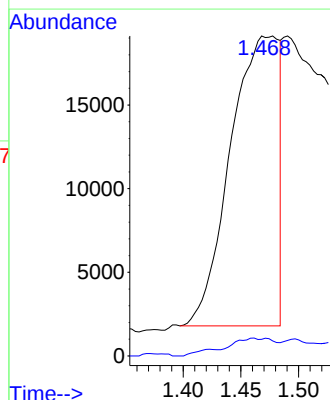
Acq: 18 Nov 2022 17:11

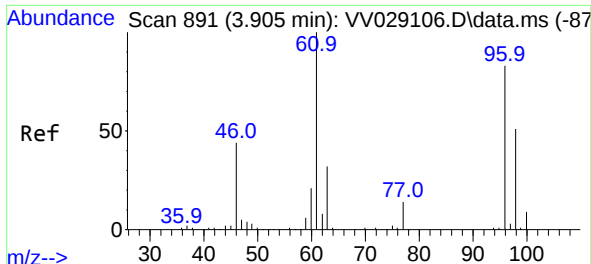
Tgt Ion: 64 Resp: 50743

Ion Ratio Lower Upper

64 100

66 5.1 22.0 40.8#

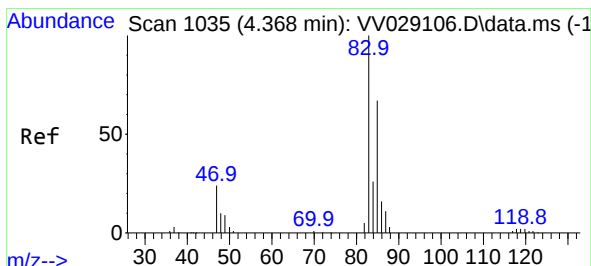
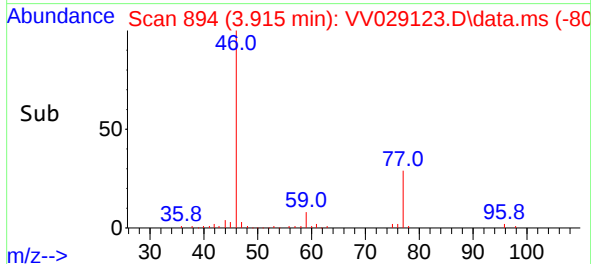
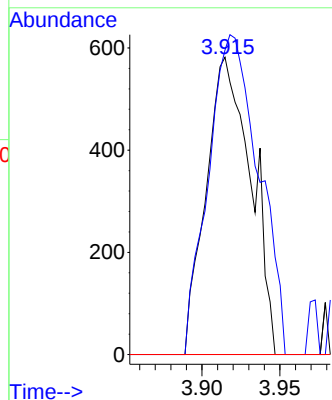
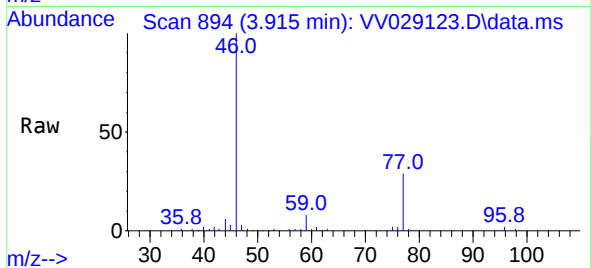




#22
cis-1,2-Dichloroethene
Concen: 0.059 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

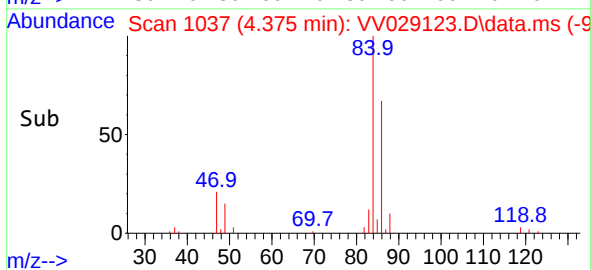
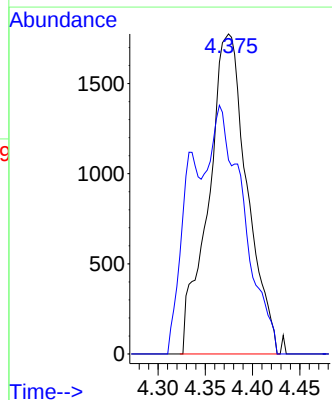
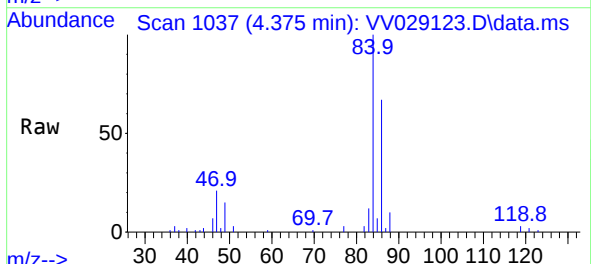
Instrument :
MSVOA_V
ClientSampleId :
BGCE5

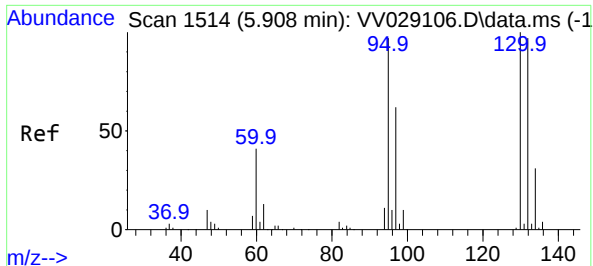
Tgt Ion: 96 Resp: 1168
Ion Ratio Lower Upper
96 100
61 102.4 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.151 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 83 Resp: 5049
Ion Ratio Lower Upper
83 100
85 60.6 43.7 81.1

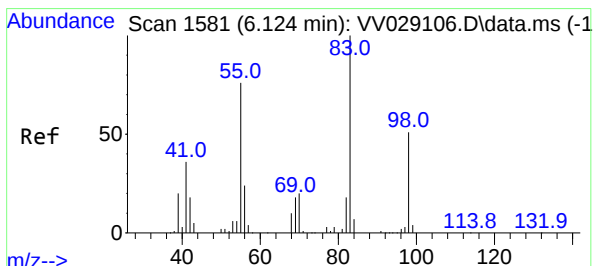
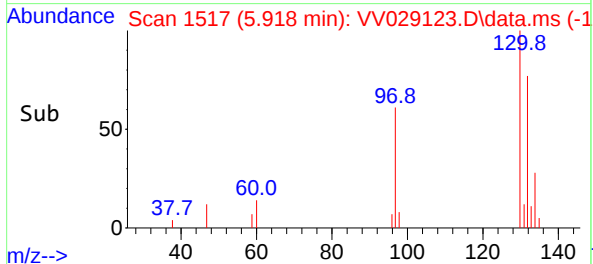
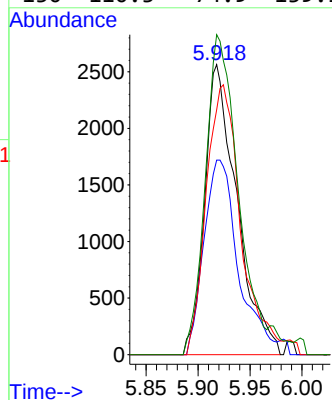
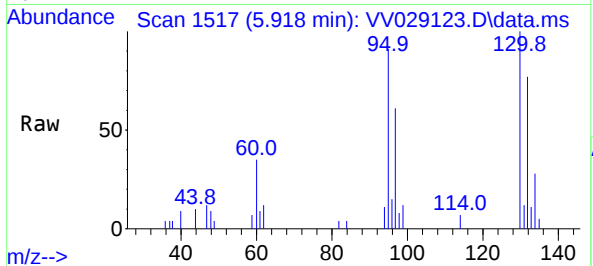




#34
Trichloroethene
Concen: 0.277 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

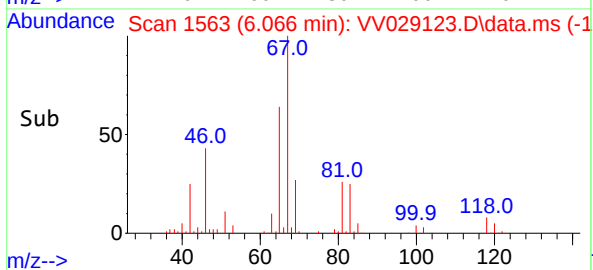
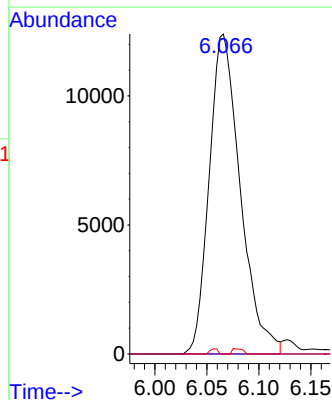
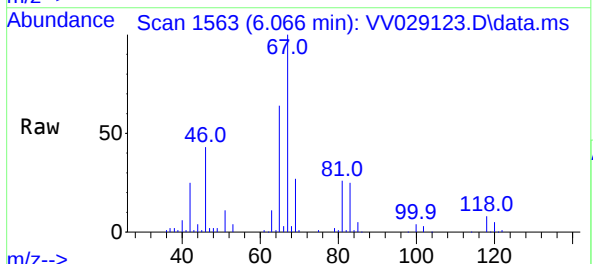
Instrument :
MSVOA_V
ClientSampleId :
BGCE5

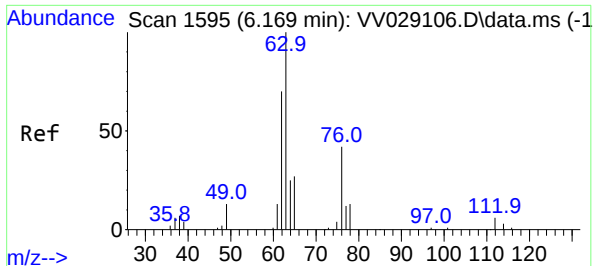
Tgt Ion: 95 Resp: 5542
Ion Ratio Lower Upper
95 100
97 67.0 45.6 84.8
132 84.4 69.1 128.3
130 110.3 74.9 139.1



#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 83 Resp: 25790
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.4 38.2 57.2#

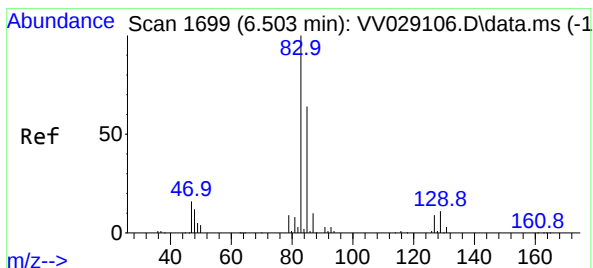
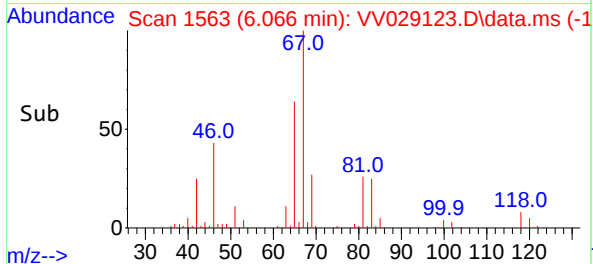
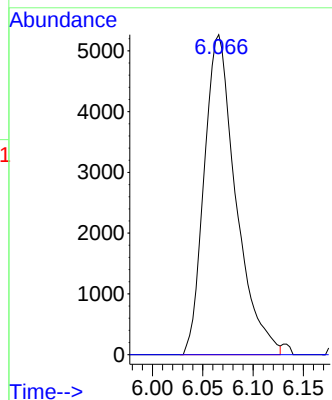
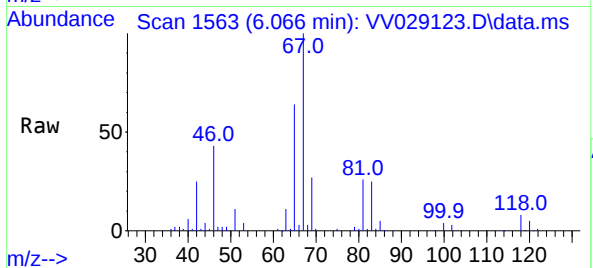




#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

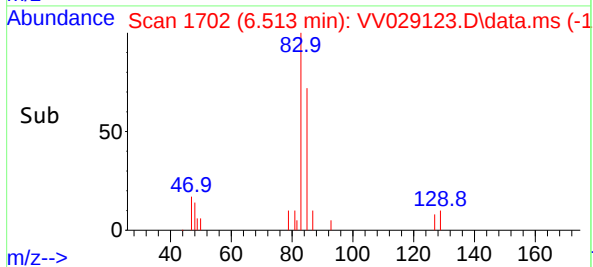
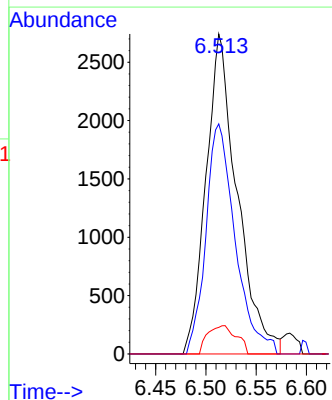
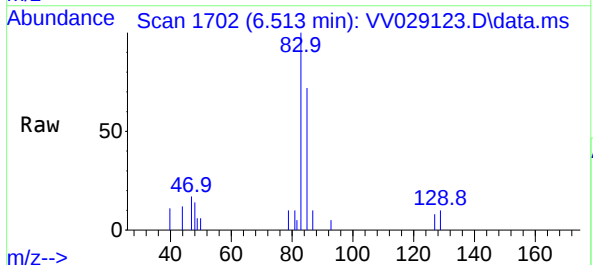
Instrument :
MSVOA_V
ClientSampleId :
BGCE5

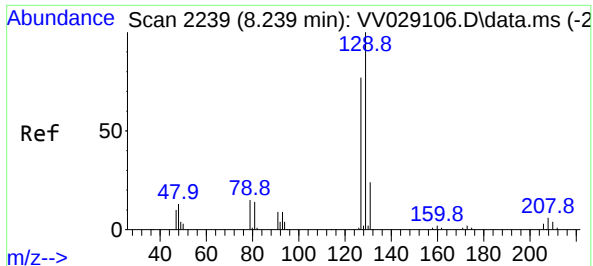
Tgt Ion: 63 Resp: 11548
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#38
Bromodichloromethane
Concen: 0.259 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV029123.D
Acq: 18 Nov 2022 17:11

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# 21

Delta R.T. 0.003 min

Lab File: VV029123.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

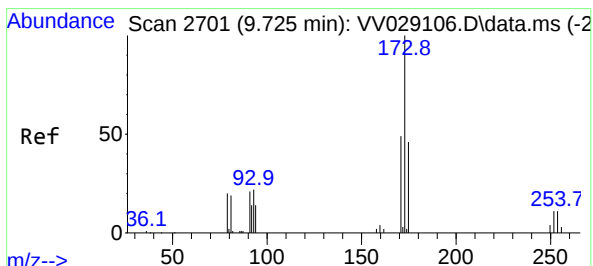
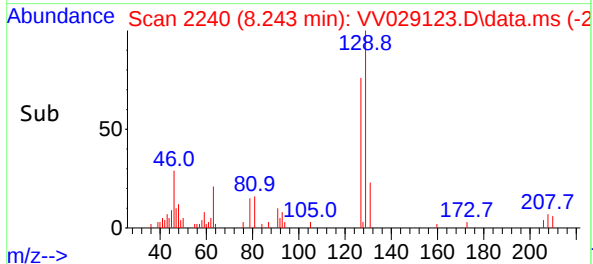
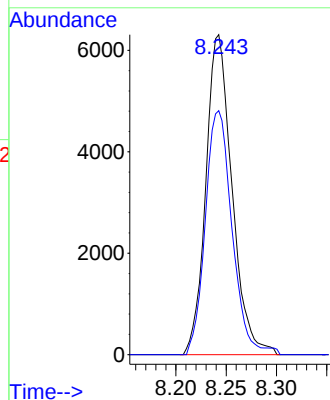
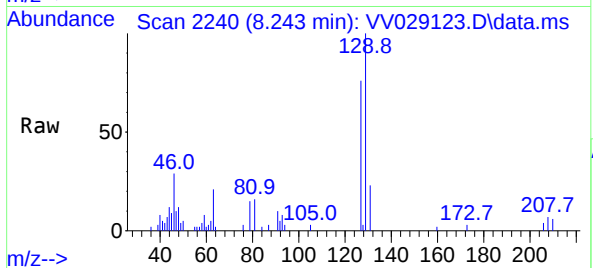
BGCE5

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# 2702

Delta R.T. -0.000 min

Lab File: VV029123.D

Acq: 18 Nov 2022 17:11

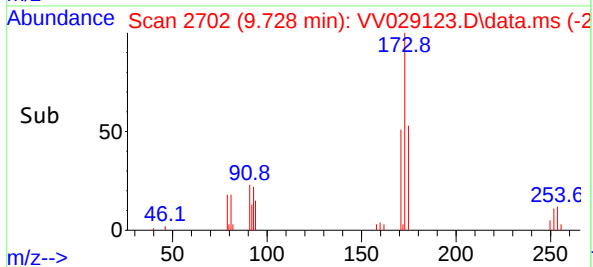
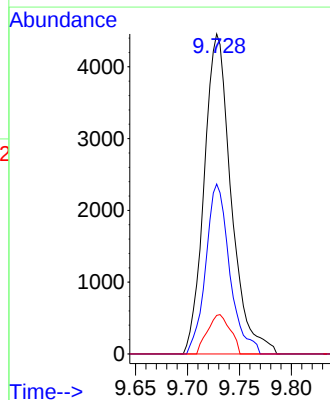
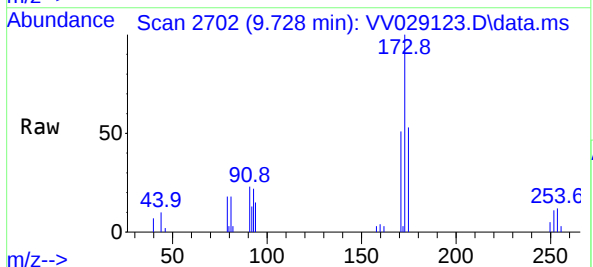
Tgt Ion:173 Resp: 8045

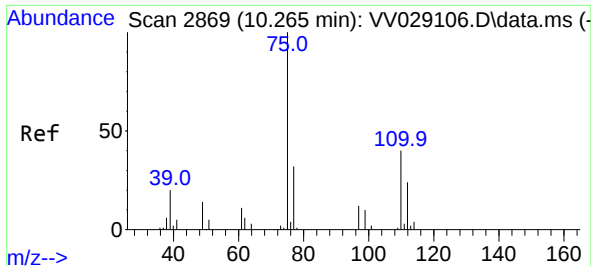
Ion Ratio Lower Upper

173 100

175 47.1 38.2 57.4

254 10.3 8.5 12.7





#61

1,2,3-Trichloropropane

Concen: 1.639 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV029123.D

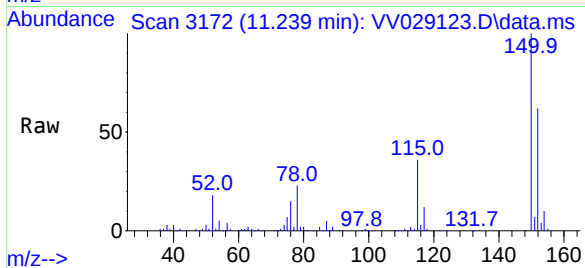
Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75 Resp: 13385

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 2.2 32.6 48.8#

