

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030168.D
 Acq On : 10 Mar 2023 20:29
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK277

Quant Time: Mar 11 00:12:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

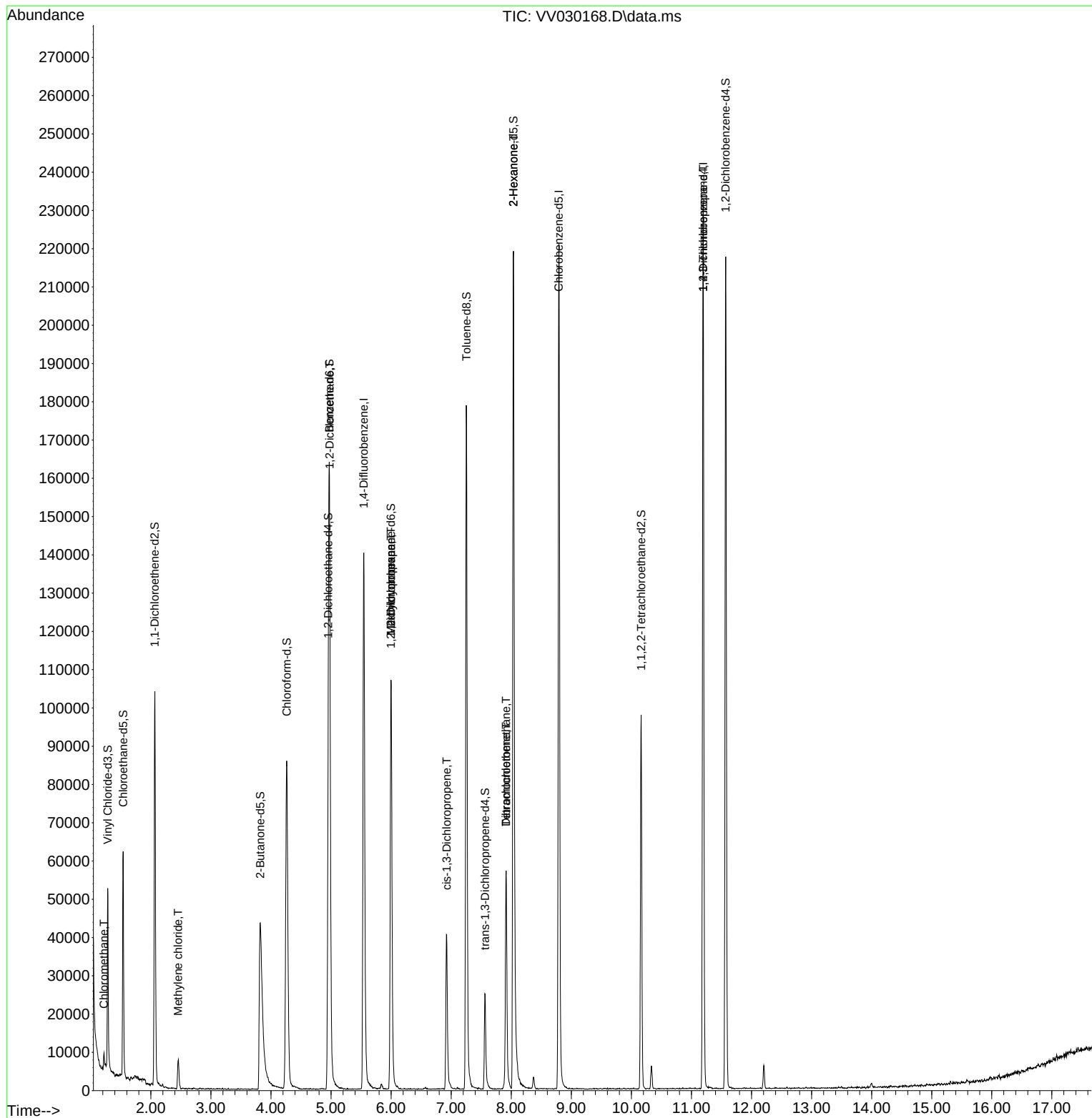
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	128696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	134620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	31436	3.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.539	69	39387	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.066	63	54643	3.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.822	46	97188	63.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.600%
24) Chloroform-d	4.262	84	97016	5.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
26) 1,2-Dichloroethane-d4	4.953	65	42760	6.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.200%
32) Benzene-d6	4.973	84	158886	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.998	67	57141	5.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.252	98	130433	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.564	79	17199	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.037	63	85376	55.350	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47807	6.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.400%#
66) 1,2-Dichlorobenzene-d4	11.570	152	59922	5.333	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
3) Chloromethane	1.220	50	2867	0.174	ug/L	95
16) Methylene chloride	2.455	84	3410	0.323	ug/L	96
27) 1,2-Dichloroethane	4.976	62	776	0.093	ug/L #	71
35) Methylcyclohexane	5.998	83	13494	0.865	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	5972	0.638	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	974	0.071	ug/L #	45
47) Tetrachloroethene	7.915	164	14890	1.684	ug/L	98
48) 2-Hexanone	8.037	43	8683	3.142	ug/L #	64
49) Dibromochloromethane	7.915	129	13129	1.676	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6636	1.493	ug/L #	64

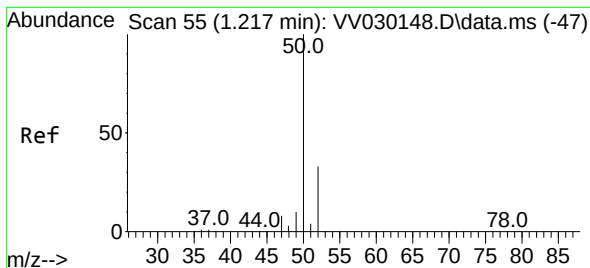
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.174 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

Instrument :

MSVOA_V

ClientSampleId :

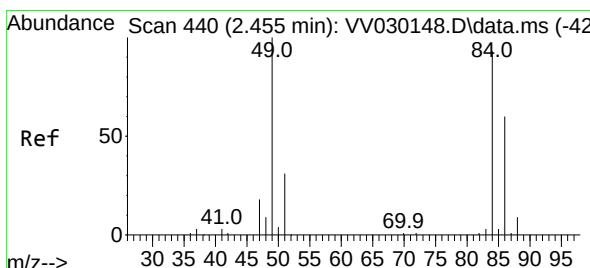
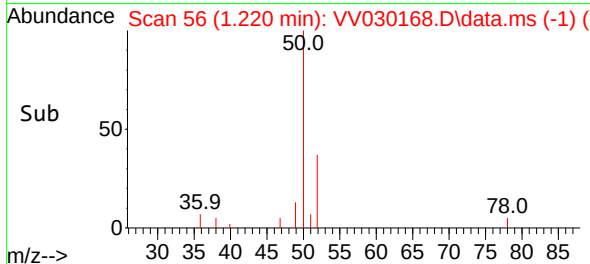
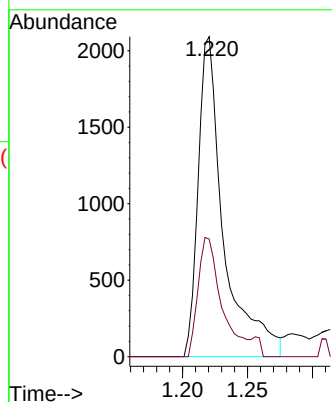
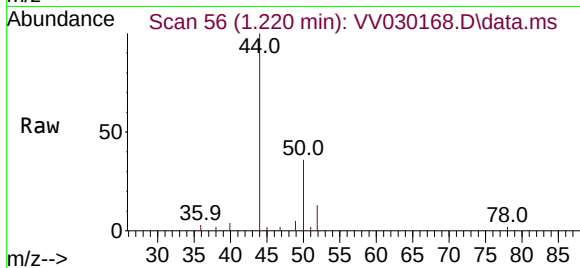
VIBLK277

Tgt Ion: 50 Resp: 2867

Ion Ratio Lower Upper

50 100

52 36.8 23.6 43.8



#16

Methylene chloride

Concen: 0.323 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

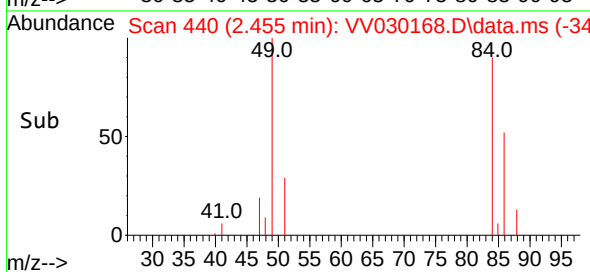
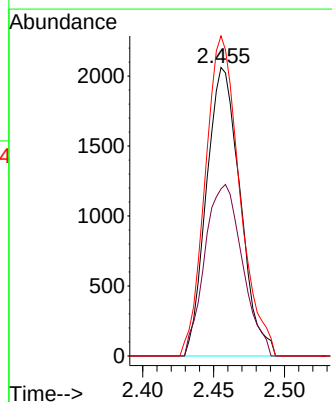
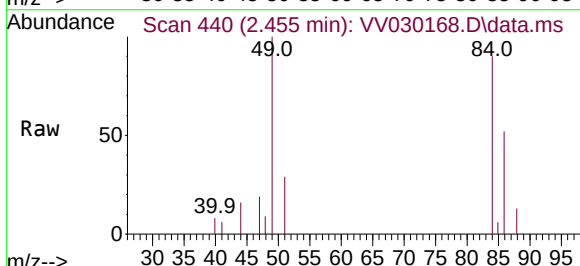
Tgt Ion: 84 Resp: 3410

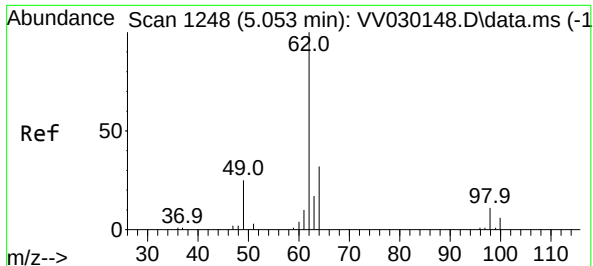
Ion Ratio Lower Upper

84 100

86 57.9 44.7 83.1

49 110.9 78.8 146.3

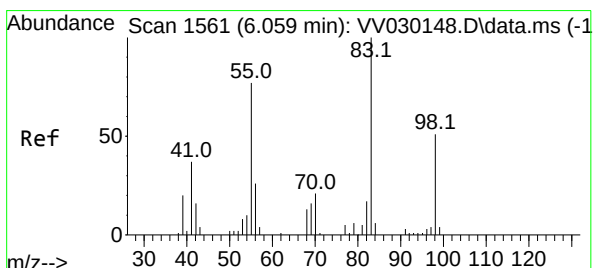
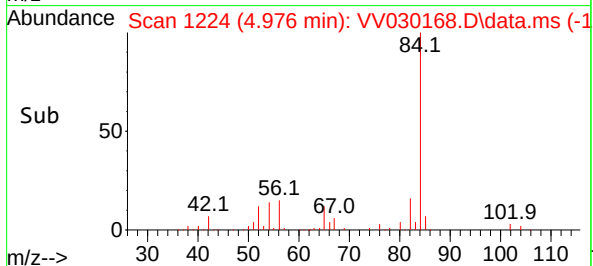
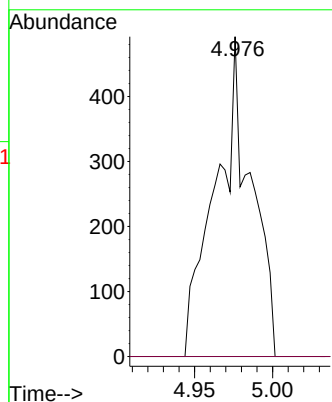
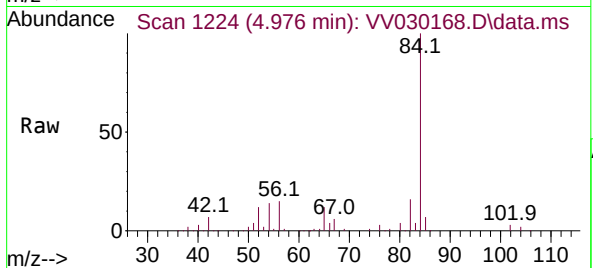




#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 4.976 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV030168.D
Acq: 10 Mar 2023 20:29

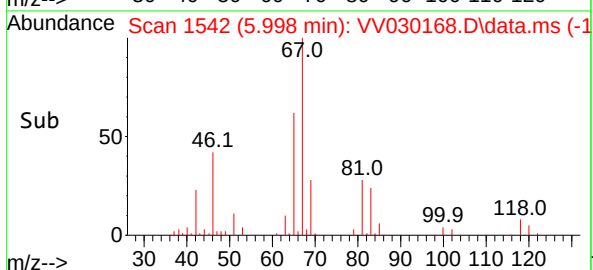
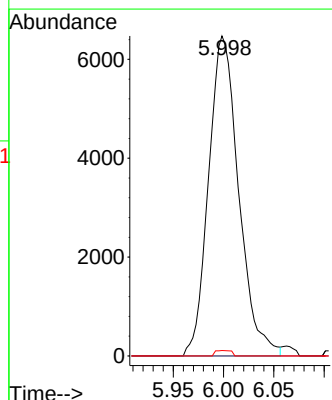
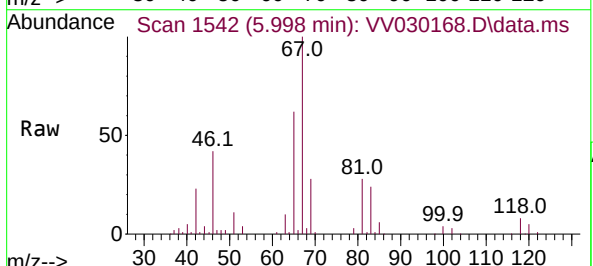
Instrument :
MSVOA_V
ClientSampleId :
VIBLK277

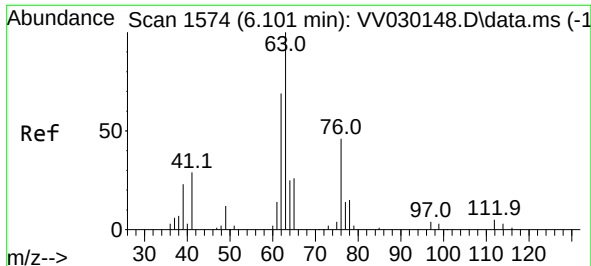
Tgt Ion: 62 Resp: 776
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030168.D
Acq: 10 Mar 2023 20:29

Tgt Ion: 83 Resp: 13494
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.9 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

Instrument :

MSVOA_V

ClientSampleId :

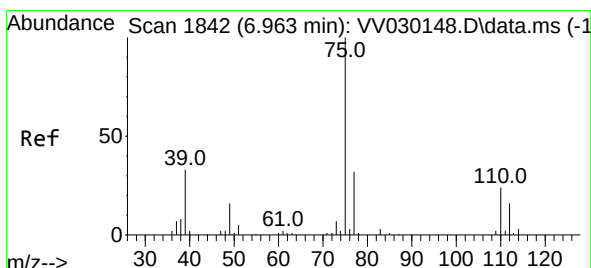
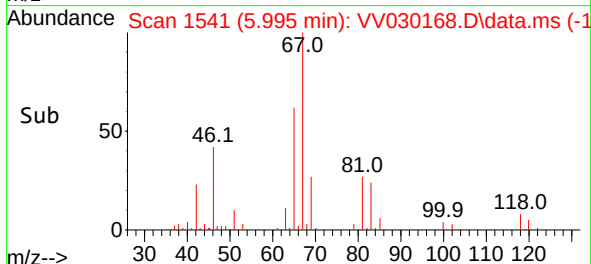
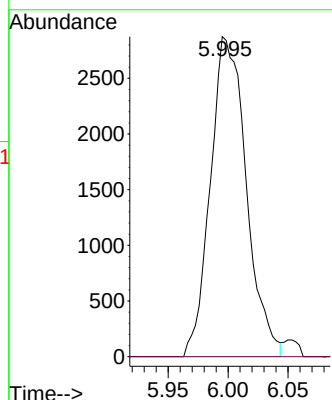
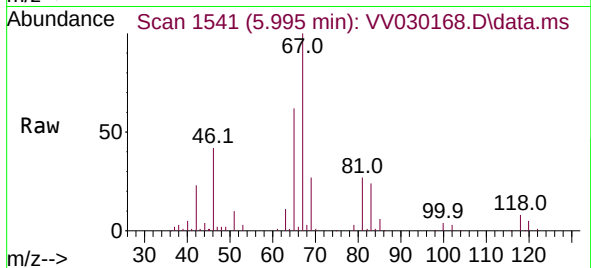
VIBLK277

Tgt Ion: 63 Resp: 5972

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.038 min

Lab File: VV030168.D

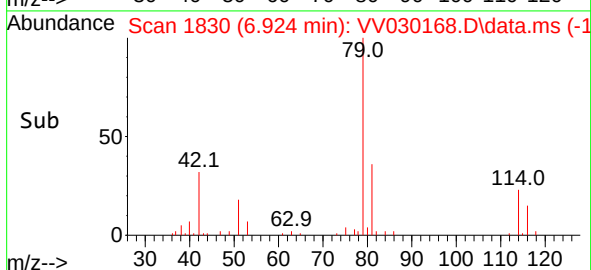
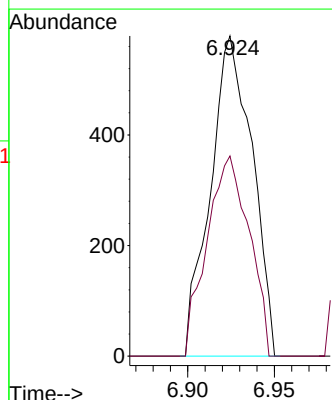
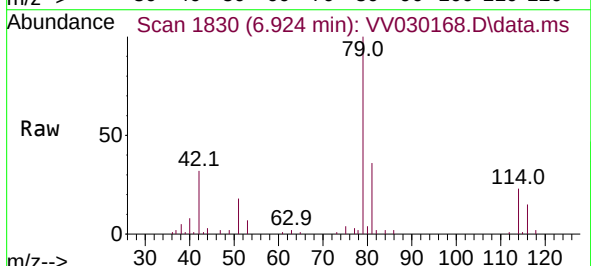
Acq: 10 Mar 2023 20:29

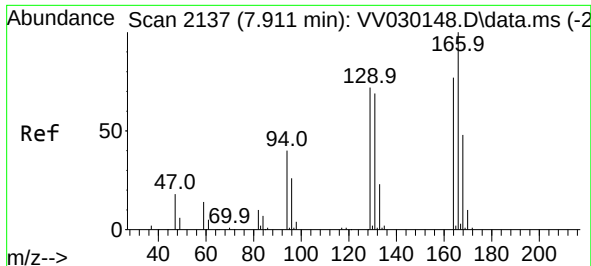
Tgt Ion: 75 Resp: 974

Ion Ratio Lower Upper

75 100

77 62.5 22.3 41.3#





#47

Tetrachloroethene

Concen: 1.684 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

Instrument :

MSVOA_V

ClientSampleId :

VIBLK277

Tgt Ion:164 Resp: 14890

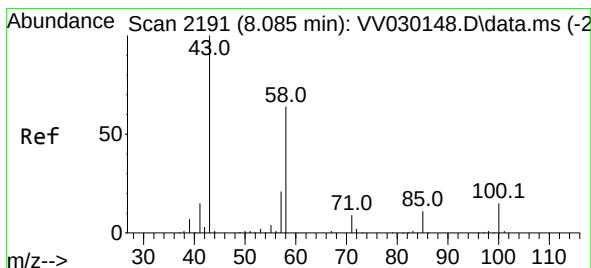
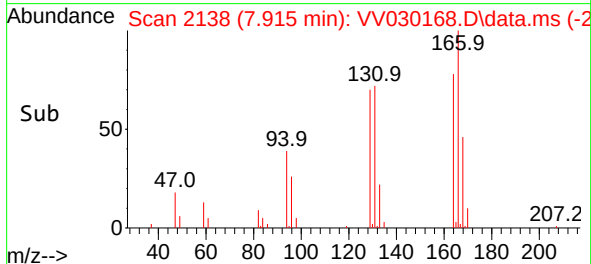
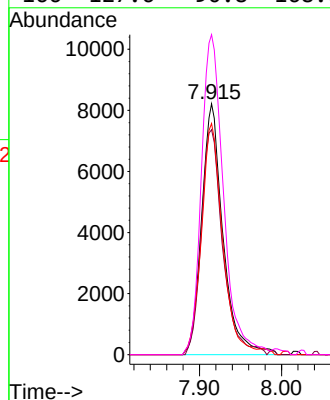
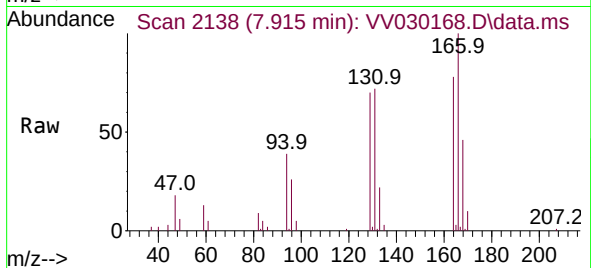
Ion Ratio Lower Upper

164 100

129 89.7 63.6 118.2

131 92.2 61.7 114.7

166 127.6 90.8 168.6



#48

2-Hexanone

Concen: 3.142 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.048 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

Tgt Ion: 43 Resp: 8683

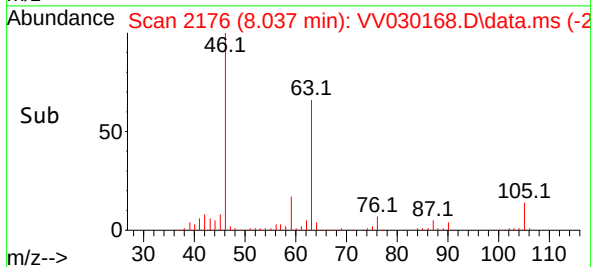
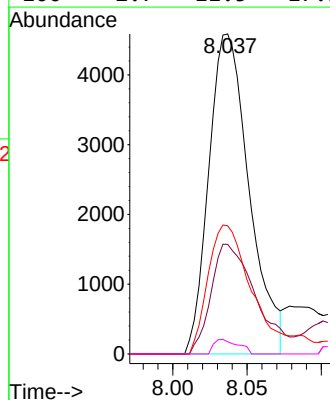
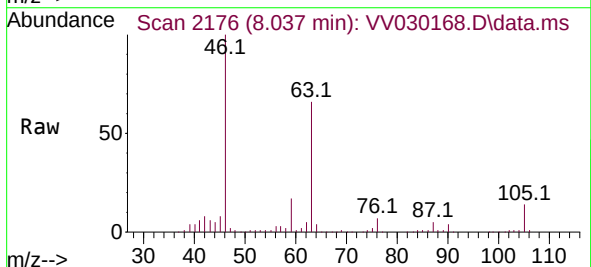
Ion Ratio Lower Upper

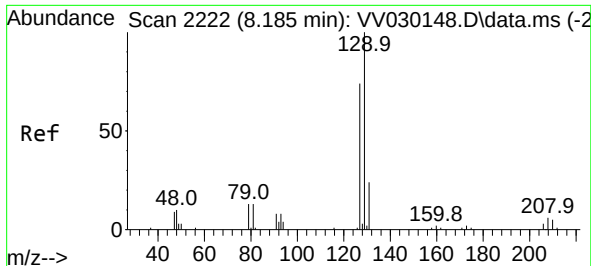
43 100

58 37.9 49.8 74.8#

57 46.2 16.6 24.8#

100 2.7 11.5 17.3#





#49

Dibromochloromethane

Concen: 1.676 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

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MSVOA_V

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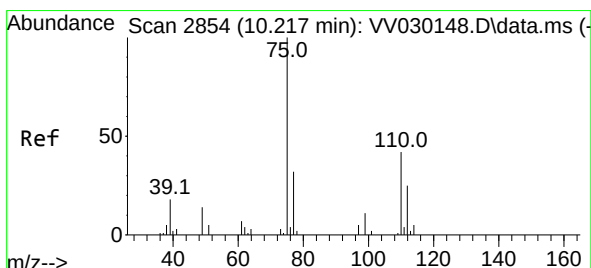
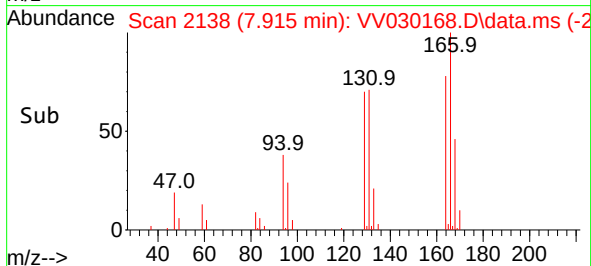
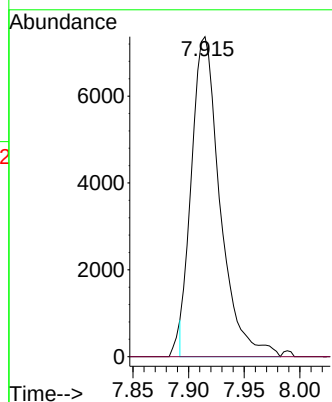
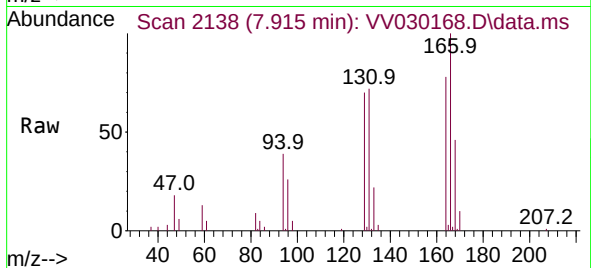
VIBLK277

Tgt Ion:129 Resp: 13129

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.493 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030168.D

Acq: 10 Mar 2023 20:29

Tgt Ion: 75 Resp: 6636

Ion Ratio Lower Upper

75 100

77 34.8 26.5 39.7

110 1.0 31.8 47.6#

