

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032223\
 Data File : VW030294.D
 Acq On : 22 Mar 2023 15:33
 Operator : SY/MD
 Sample : 02003-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBM6

Quant Time: Mar 23 01:49:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 23 01:48:30 2023
 Response via : Initial Calibration

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

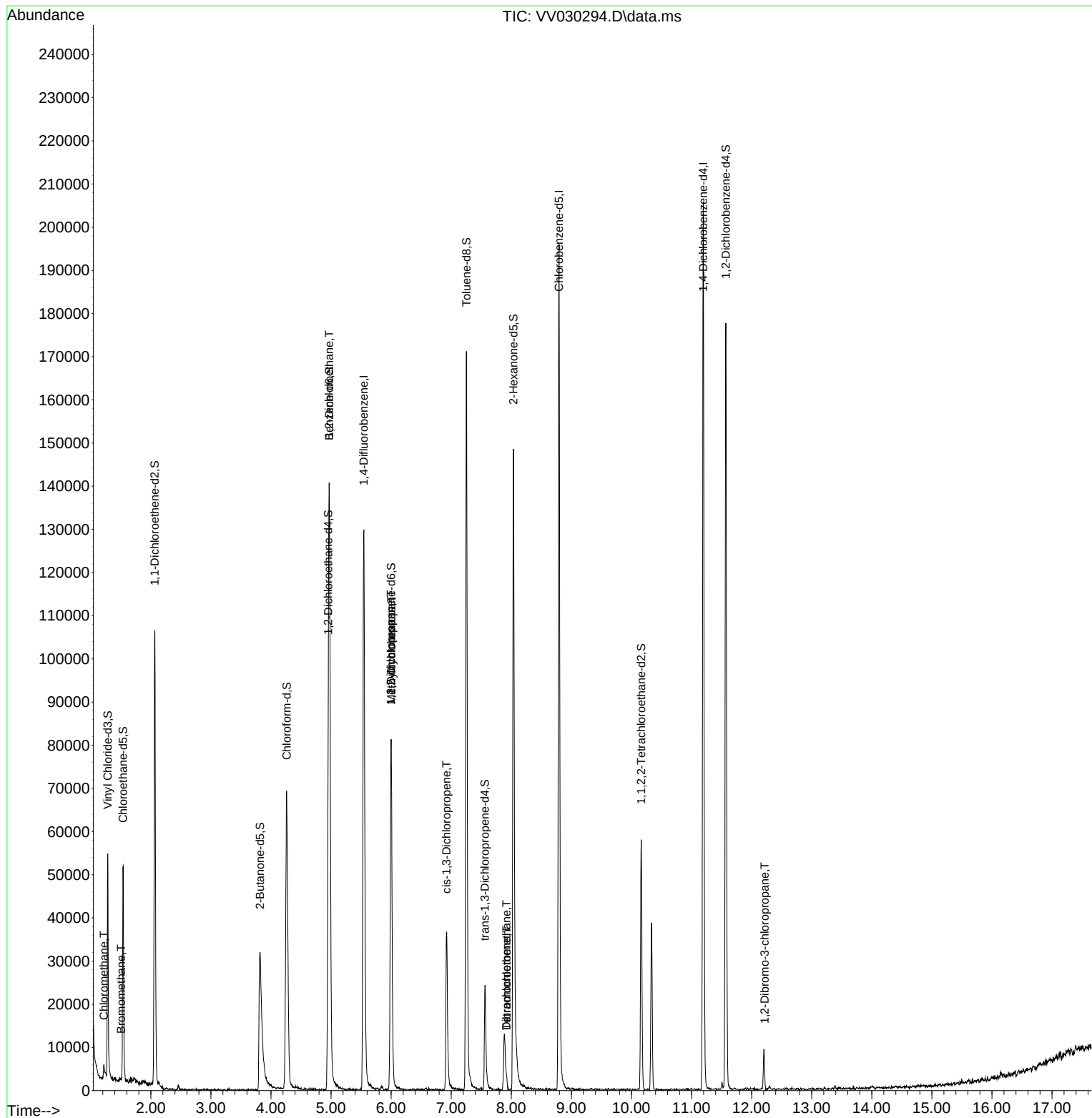
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	115129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	110975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33024	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.536	69	32006	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.066	63	55909	3.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.815	46	62845	45.757	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.262	84	69546	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.953	65	36694	5.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.200%
32) Benzene-d6	4.970	84	127864	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.998	67	34172	3.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.252	98	115603	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.561	79	14360	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.034	63	53178	41.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.640%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	24726	3.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	46693	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2238	0.152	ug/L	96
6) Bromomethane	1.503	94	143	0.081	ug/L #	59
27) 1,2-Dichloroethane	4.966	62	794	0.107	ug/L #	71
35) Methylcyclohexane	6.002	83	9648	0.751	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	4889	0.634	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1091	0.097	ug/L #	64
47) Tetrachloroethene	7.918	164	817	0.112	ug/L	90
49) Dibromochloromethane	7.918	129	720	0.112	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.217	75	351	0.407	ug/L #	1

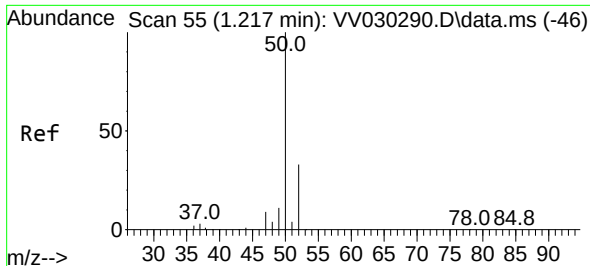
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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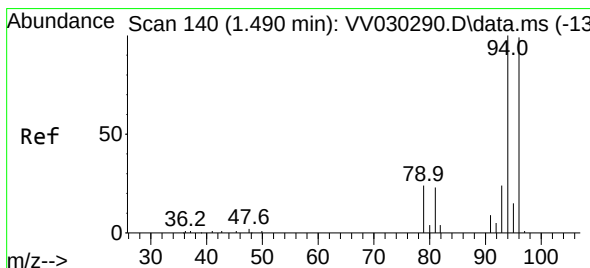
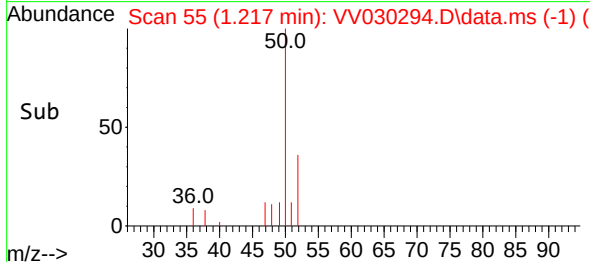
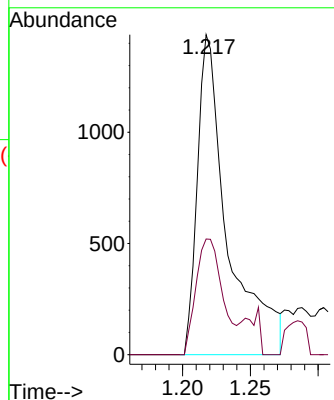
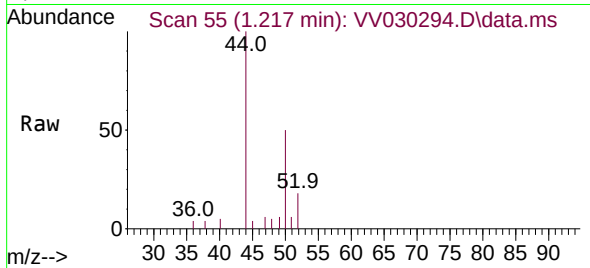




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030294.D
Acq: 22 Mar 2023 15:33

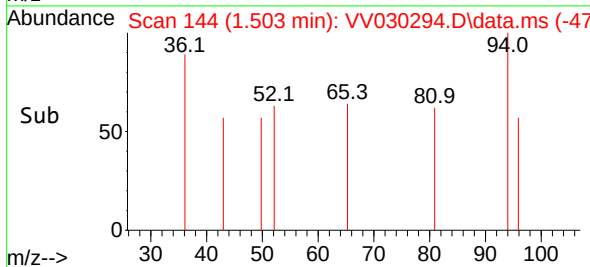
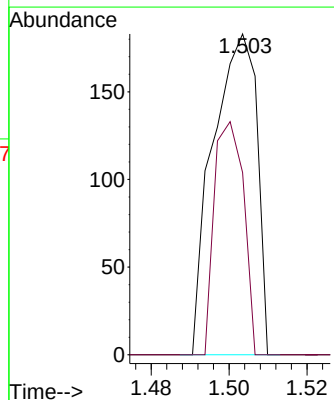
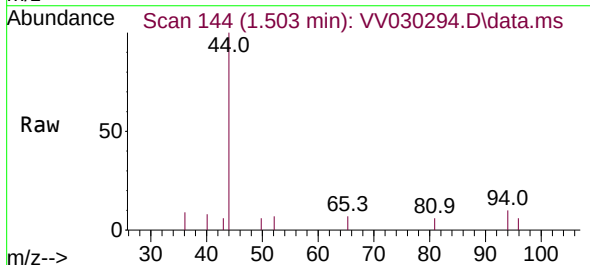
Instrument :
MSVOA_V
ClientSampleId :
COBM6

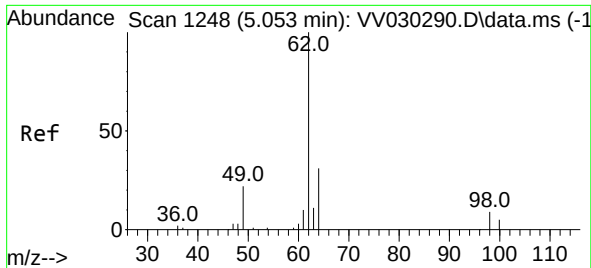
Tgt Ion: 50 Resp: 2238
Ion Ratio Lower Upper
50 100
52 36.1 23.6 43.8



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.503 min Scan# 144
Delta R.T. 0.013 min
Lab File: VV030294.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 56.8 68.4 127.0#





#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 4.966 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV030294.D

Acq: 22 Mar 2023 15:33

Instrument :

MSVOA_V

ClientSampleId :

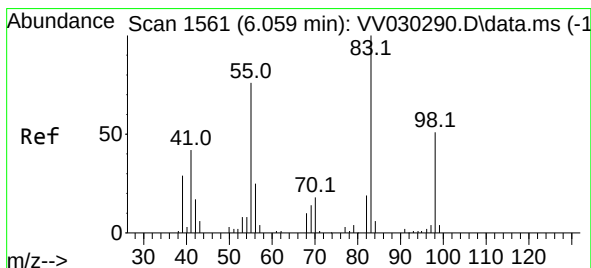
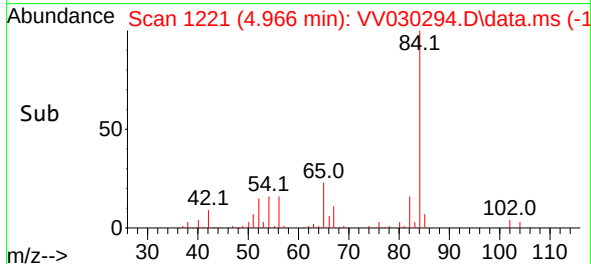
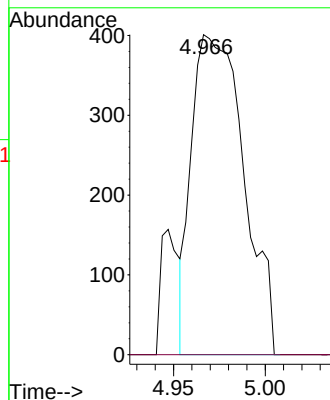
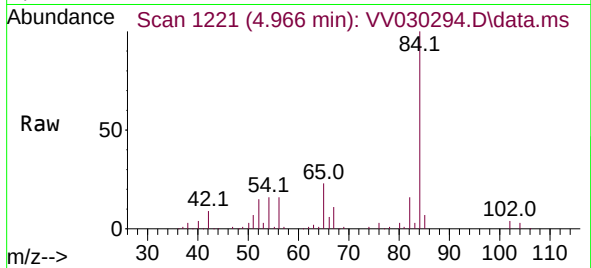
COBM6

Tgt Ion: 62 Resp: 794

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.002 min Scan# 1543

Delta R.T. -0.058 min

Lab File: VV030294.D

Acq: 22 Mar 2023 15:33

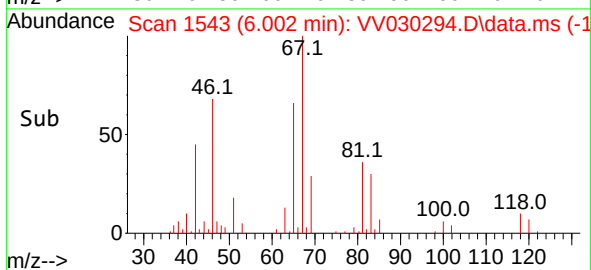
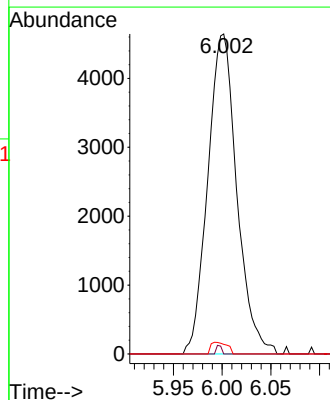
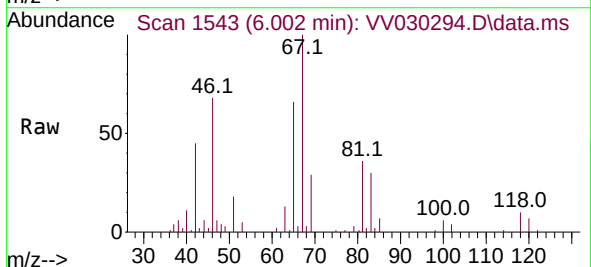
Tgt Ion: 83 Resp: 9648

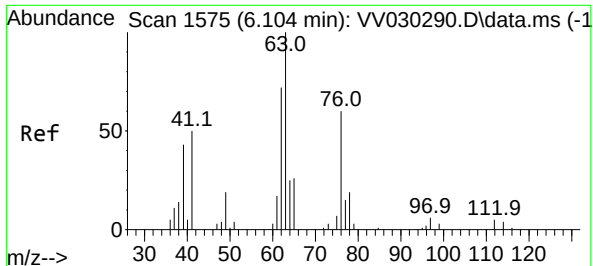
Ion Ratio Lower Upper

83 100

55 0.5 57.6 86.4#

98 2.0 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV030294.D

Acq: 22 Mar 2023 15:33

Instrument :

MSVOA_V

ClientSampleId :

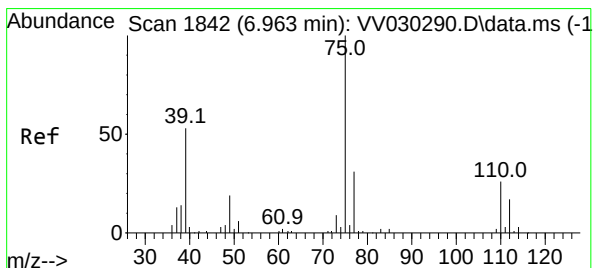
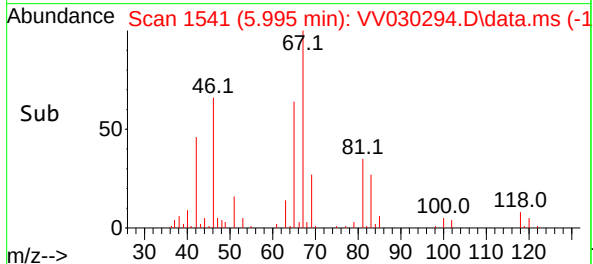
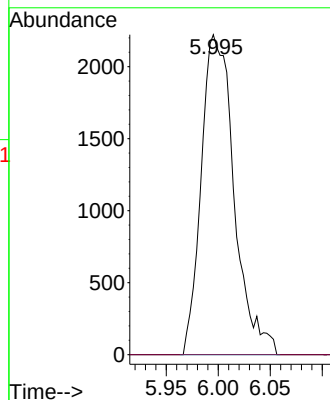
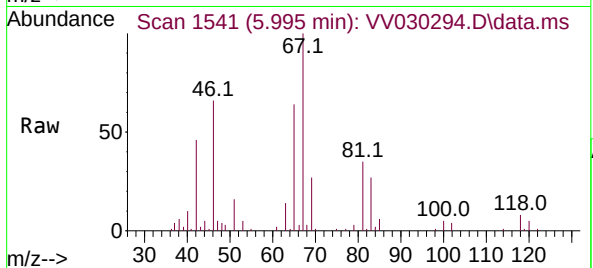
C0BM6

Tgt Ion: 63 Resp: 4889

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.045 min

Lab File: VV030294.D

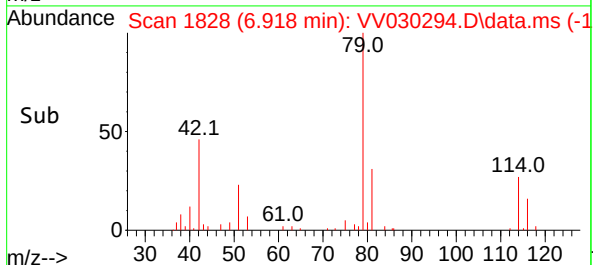
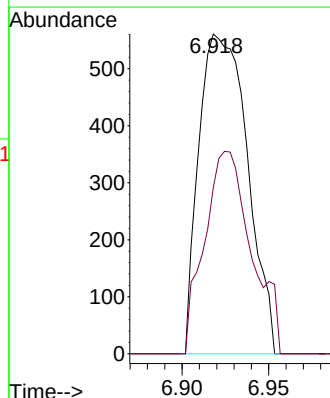
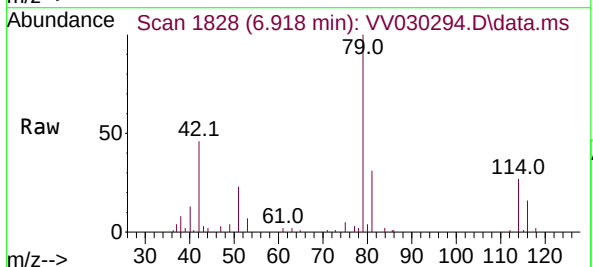
Acq: 22 Mar 2023 15:33

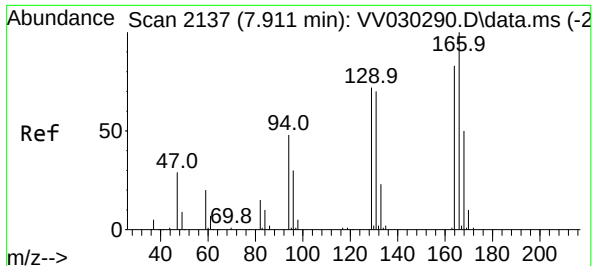
Tgt Ion: 75 Resp: 1091

Ion Ratio Lower Upper

75 100

77 52.0 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.112 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.007 min

Lab File: VV030294.D

Acq: 22 Mar 2023 15:33

Instrument :

MSVOA_V

ClientSampleId :

C0BM6

Tgt Ion:164 Resp: 817

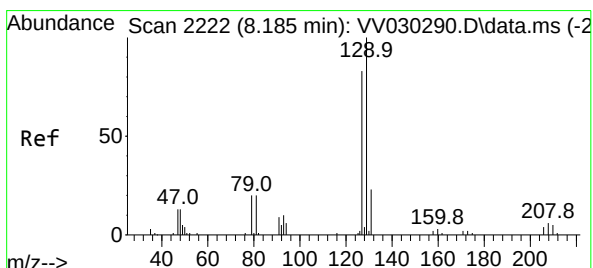
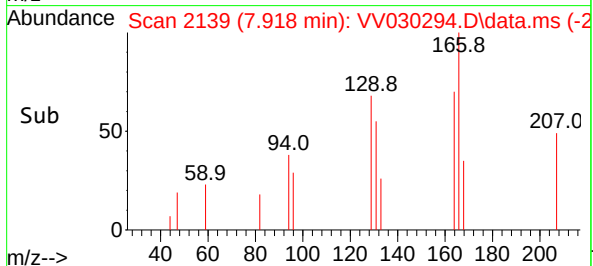
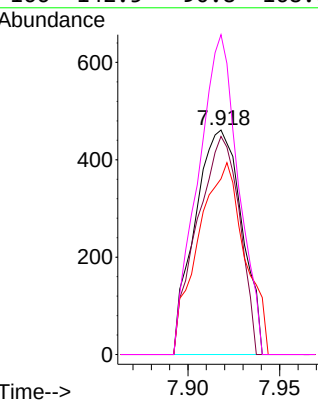
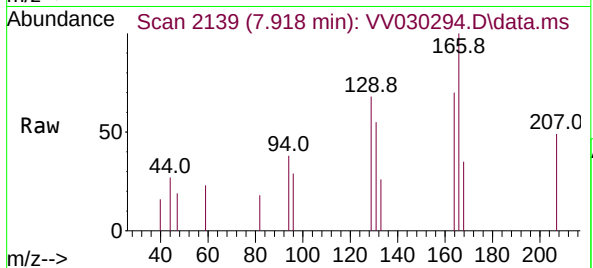
Ion Ratio Lower Upper

164 100

129 97.2 63.6 118.2

131 78.3 61.7 114.7

166 142.5 90.8 168.6



#49

Dibromochloromethane

Concen: 0.112 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030294.D

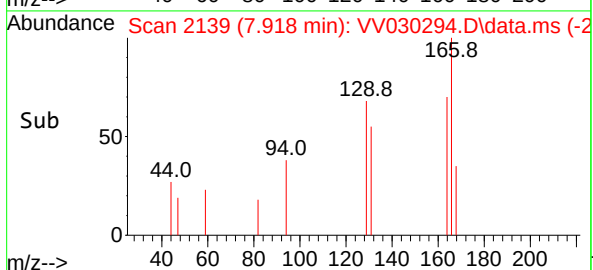
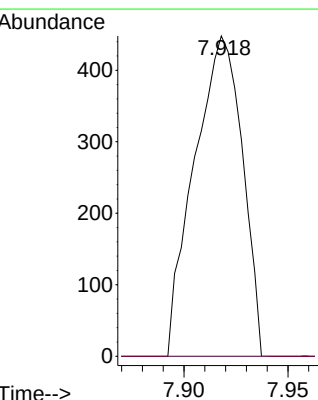
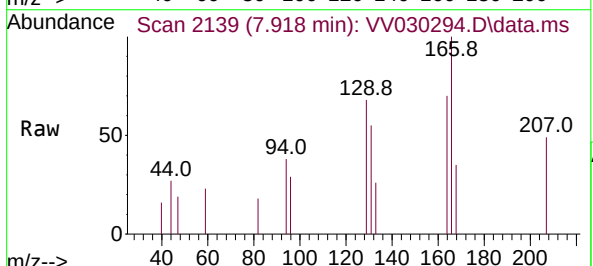
Acq: 22 Mar 2023 15:33

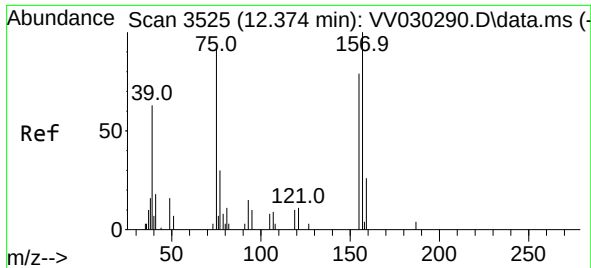
Tgt Ion:129 Resp: 720

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.407 ug/L

RT: 12.217 min Scan# 34

Delta R.T. -0.157 min

Lab File: VV030294.D

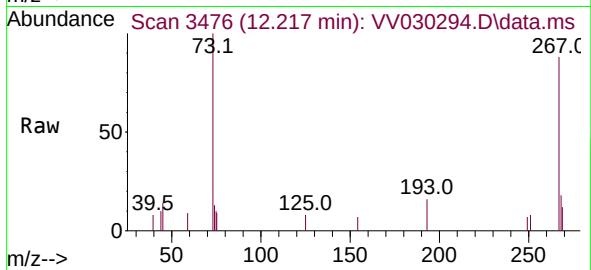
Acq: 22 Mar 2023 15:33

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Tgt Ion: 75 Resp: 351

Ion Ratio Lower Upper

75 100

155 0.0 79.1 118.7#

157 0.0 95.5 143.3#

