

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031023\
 Data File : VW030159.D
 Acq On : 10 Mar 2023 16:51
 Operator : SY/MD
 Sample : 01868-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC4

Quant Time: Mar 11 00:07:54 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)

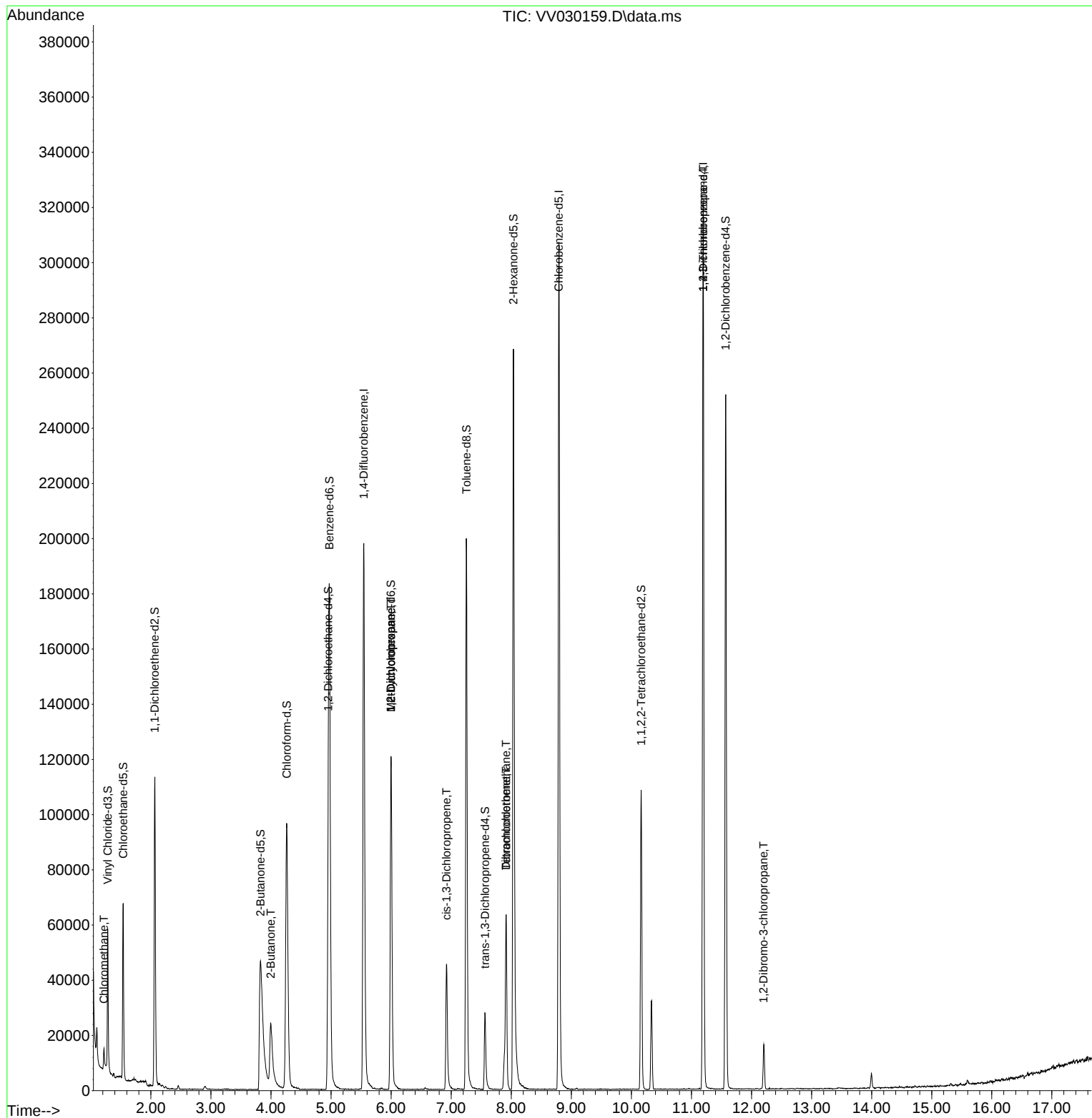
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	182557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	184866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	90897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33437	2.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.539	69	42305	3.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.066	63	58421	2.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.825	46	111895	51.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.760%
24) Chloroform-d	4.262	84	109038	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.953	65	47590	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.973	84	176821	3.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	5.998	67	62483	4.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.252	98	144403	3.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.200%#
43) trans-1,3-Dichloroprop...	7.564	79	18567	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.037	63	104509	49.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	55035	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	69823	4.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	5586	0.239	ug/L	94
21) 2-Butanone	3.995	43	41373	19.112	ug/L #	44
35) Methylcyclohexane	5.998	83	15705	0.734	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	6379	0.497	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1218	0.065	ug/L #	30
47) Tetrachloroethene	7.915	164	15046	1.239	ug/L	98
49) Dibromochloromethane	7.915	129	13484	1.254	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	9025	1.483	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.201	75	520	0.383	ug/L #	1

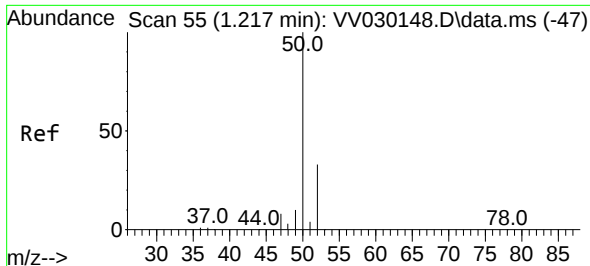
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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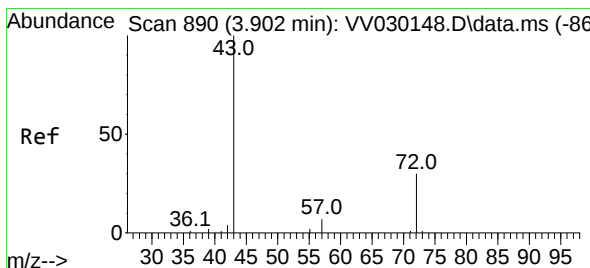
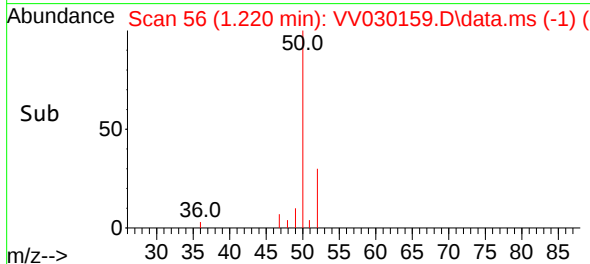
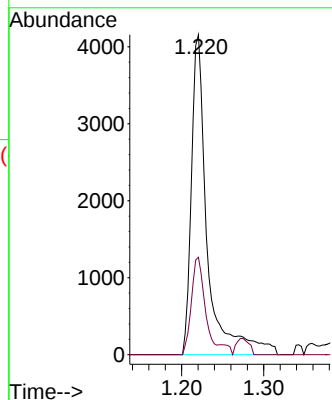
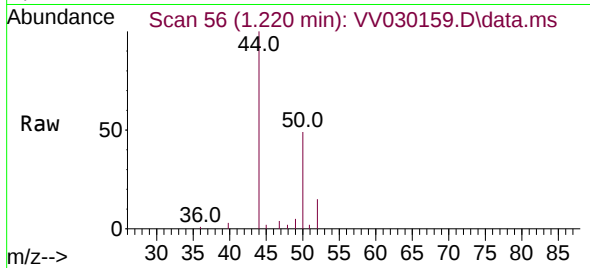




#3
Chloromethane
Concen: 0.239 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030159.D
Acq: 10 Mar 2023 16:51

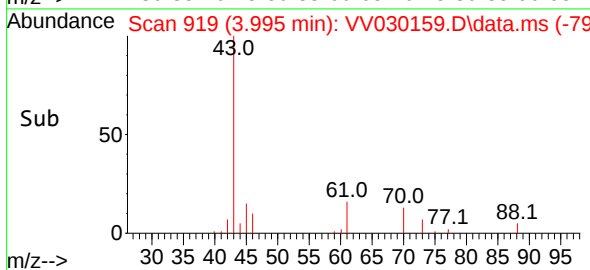
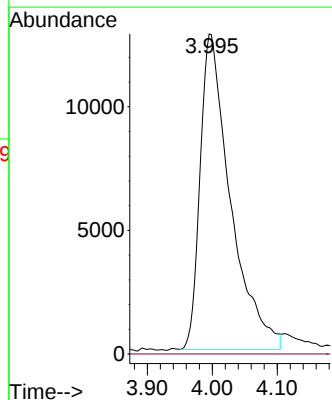
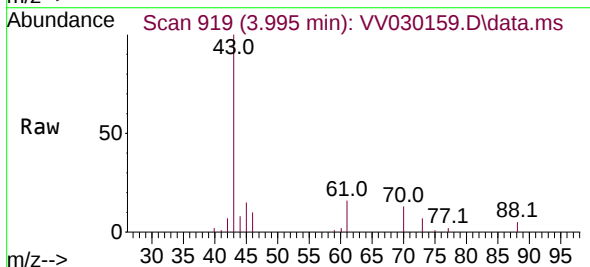
Instrument :
MSVOA_V
ClientSampleId :
C0BC4

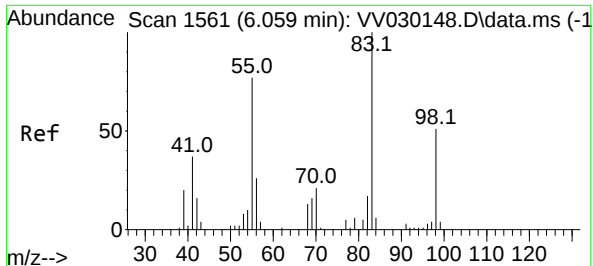
Tgt Ion: 50 Resp: 5586
Ion Ratio Lower Upper
50 100
52 30.4 23.6 43.8



#21
2-Butanone
Concen: 19.112 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.093 min
Lab File: VV030159.D
Acq: 10 Mar 2023 16:51

Tgt Ion: 43 Resp: 41373
Ion Ratio Lower Upper
43 100
72 0.0 15.1 45.3#





#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030159.D

Acq: 10 Mar 2023 16:51

Instrument :

MSVOA_V

ClientSampleId :

C0BC4

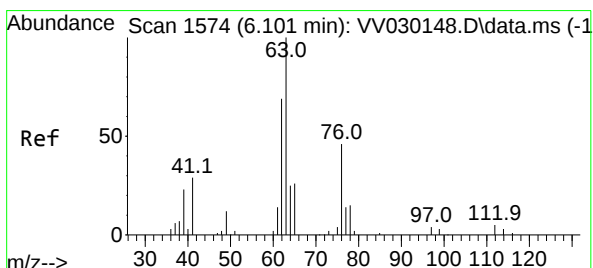
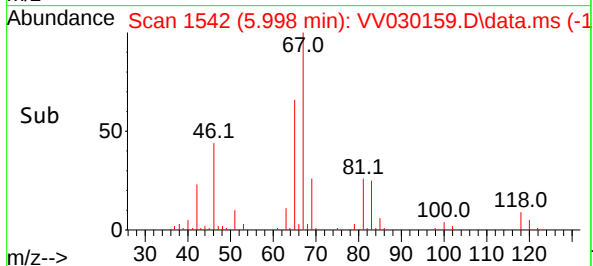
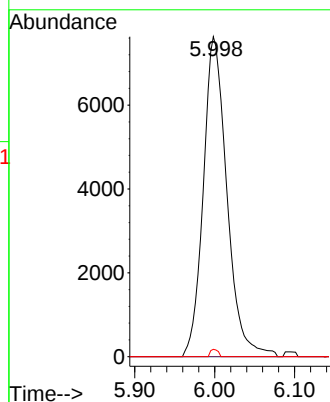
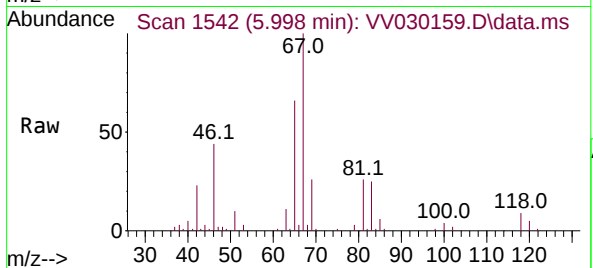
Tgt Ion: 83 Resp: 15705

Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.7 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030159.D

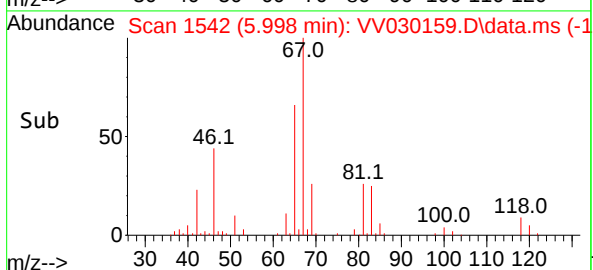
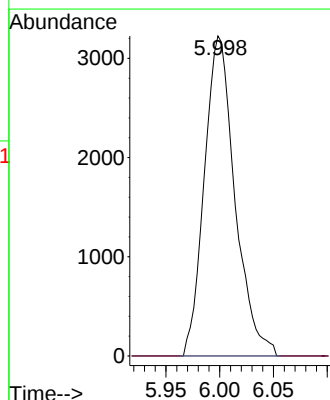
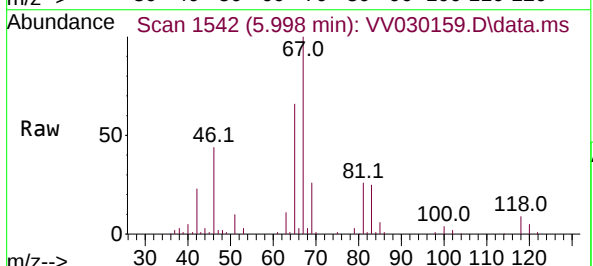
Acq: 10 Mar 2023 16:51

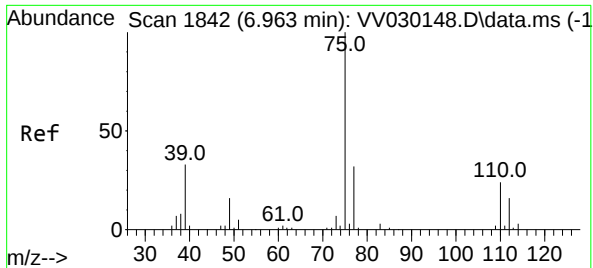
Tgt Ion: 63 Resp: 6379

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030159.D

Acq: 10 Mar 2023 16:51

Instrument :

MSVOA_V

ClientSampleId :

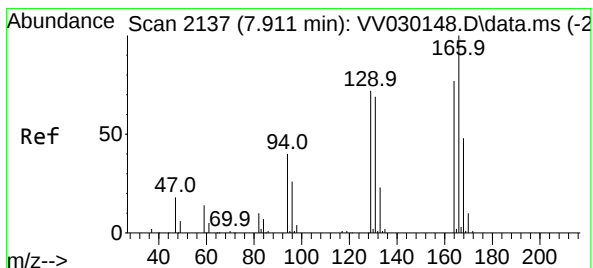
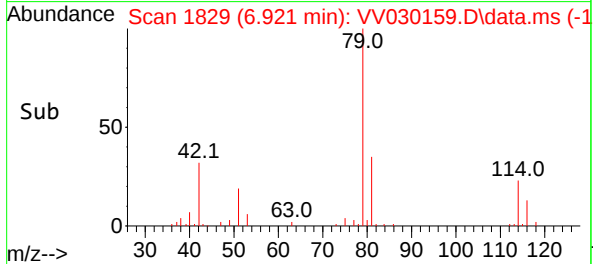
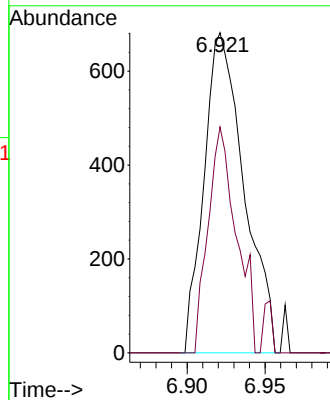
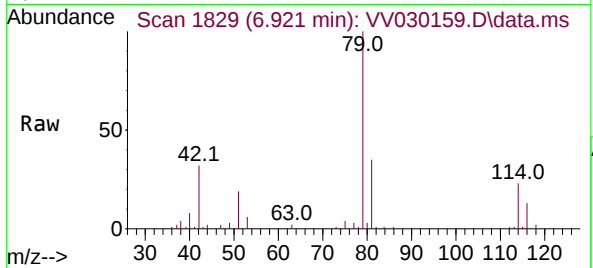
C0BC4

Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 70.5 22.3 41.3#



#47

Tetrachloroethene

Concen: 1.239 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030159.D

Acq: 10 Mar 2023 16:51

Tgt Ion: 164 Resp: 15046

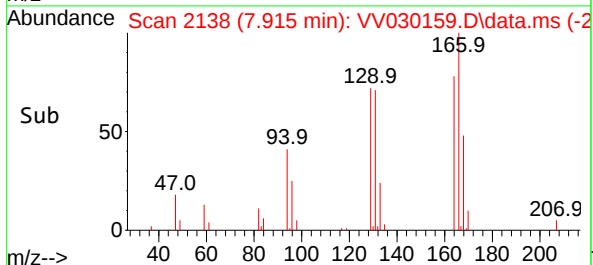
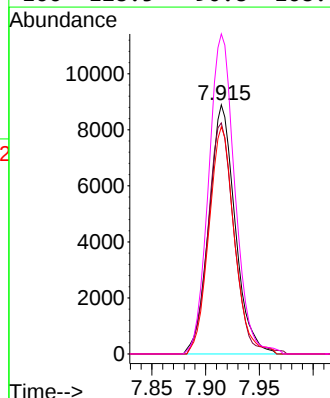
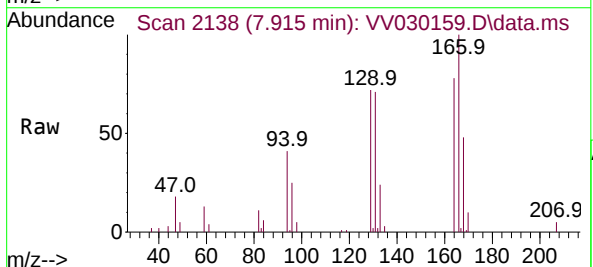
Ion Ratio Lower Upper

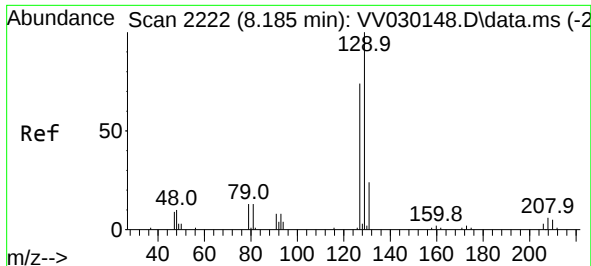
164 100

129 92.7 63.6 118.2

131 91.2 61.7 114.7

166 128.5 90.8 168.6

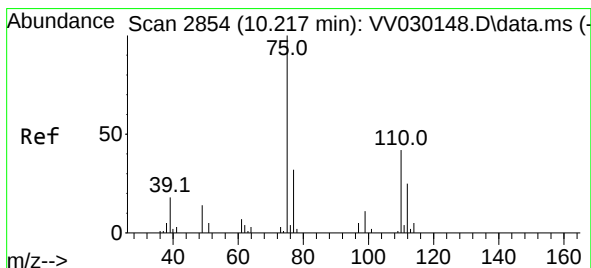
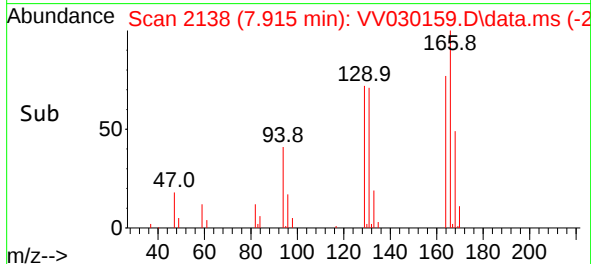
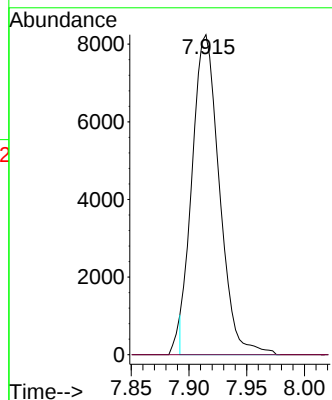
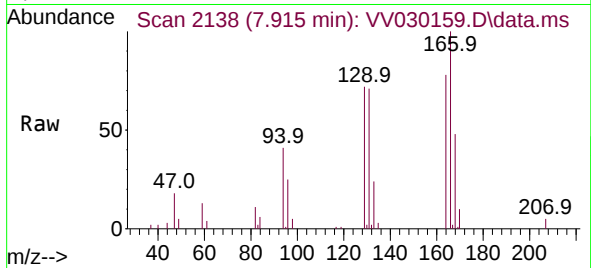




#49
Dibromochloromethane
Concen: 1.254 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030159.D
Acq: 10 Mar 2023 16:51

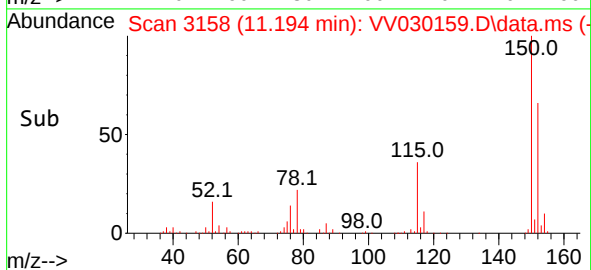
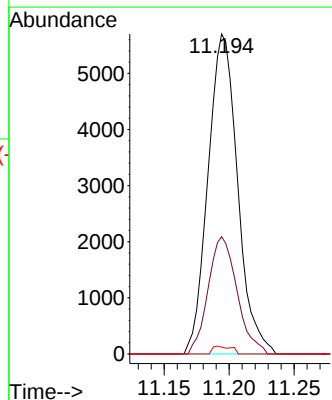
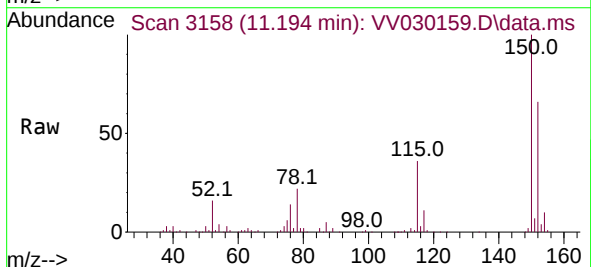
Instrument :
MSVOA_V
ClientSampleId :
C0BC4

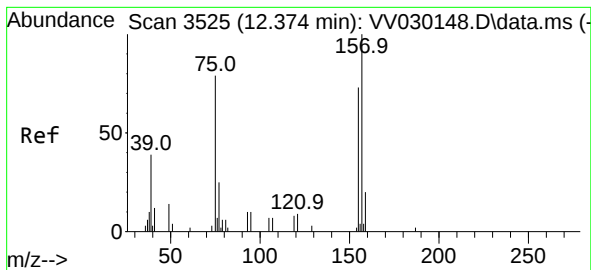
Tgt Ion:129 Resp: 13484
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#61
1,2,3-Trichloropropane
Concen: 1.483 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030159.D
Acq: 10 Mar 2023 16:51

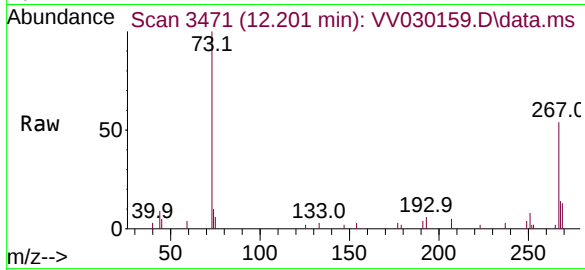
Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
77 35.7 26.5 39.7
110 1.5 31.8 47.6#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.383 ug/L
RT: 12.201 min Scan# 34
Delta R.T. -0.174 min
Lab File: VV030159.D
Acq: 10 Mar 2023 16:51

Instrument :
MSVOA_V
ClientSampleId :
C0BC4



Tgt Ion: 75 Resp: 520
Ion Ratio Lower Upper
75 100
155 0.0 79.1 118.7#
157 0.0 95.5 143.3#

