

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030162.D
 Acq On : 10 Mar 2023 18:04
 Operator : SY/MD
 Sample : 01868-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC7

Quant Time: Mar 11 00:10:04 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)

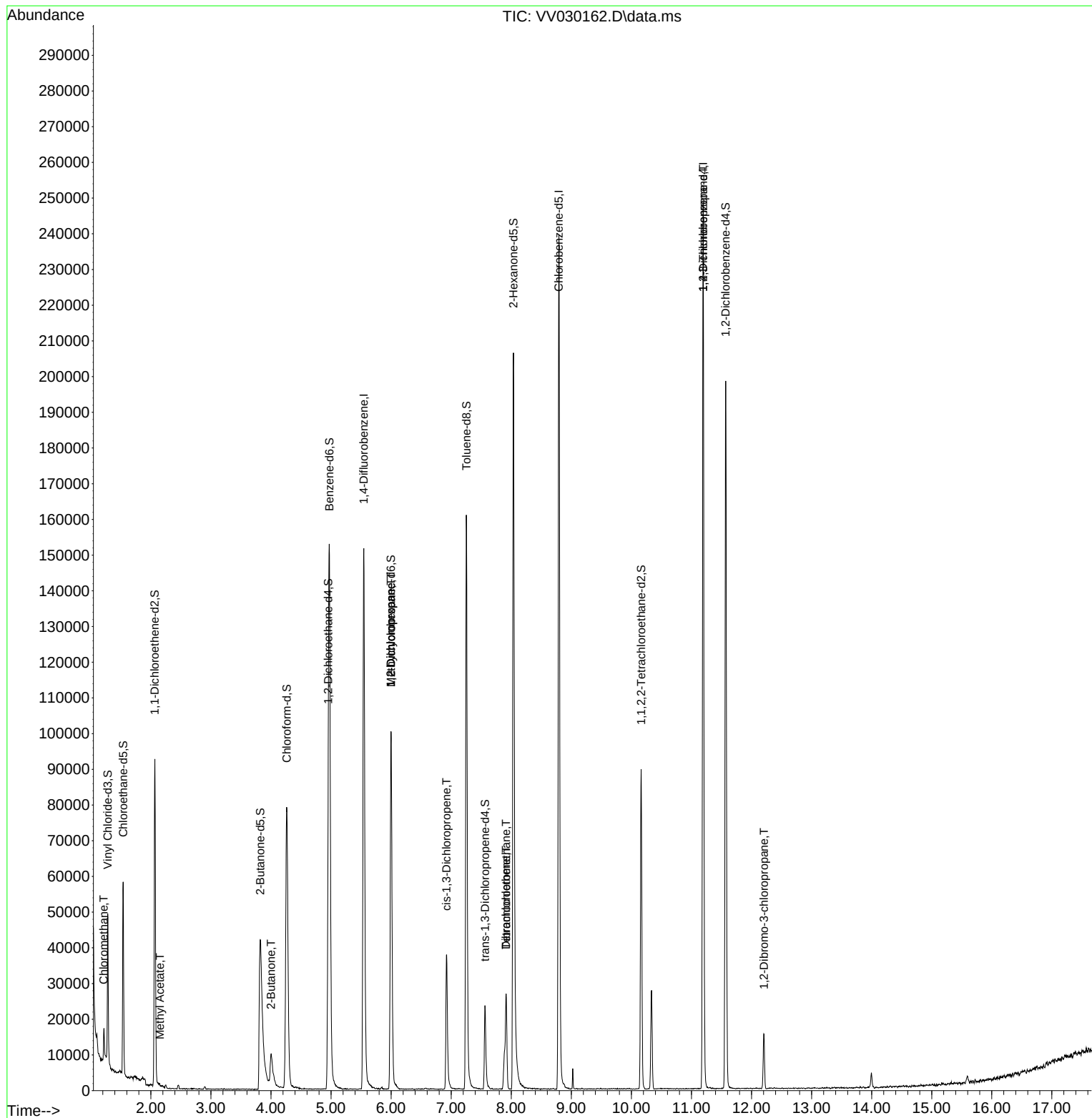
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	138288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	143915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28523	3.188	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.539	69	35484	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.066	63	47703	2.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.800%#
20) 2-Butanone-d5	3.822	46	95406	57.831	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.660%
24) Chloroform-d	4.262	84	91004	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.953	65	40495	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.973	84	146874	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	5.998	67	52381	4.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.252	98	117403	3.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	7.564	79	16044	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.037	63	81087	49.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44704	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	55949	4.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
3) Chloromethane	1.217	50	6773	0.382	ug/L	95
15) Methyl Acetate	2.150	43	1100	0.386	ug/L #	50
21) 2-Butanone	4.002	43	16241	9.904	ug/L #	44
35) Methylcyclohexane	5.998	83	13373	0.802	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5517	0.552	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	913	0.062	ug/L #	62
47) Tetrachloroethene	7.915	164	6365	0.673	ug/L	93
49) Dibromochloromethane	7.915	129	5954	0.711	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7099	1.516	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.207	75	445	0.425	ug/L #	18

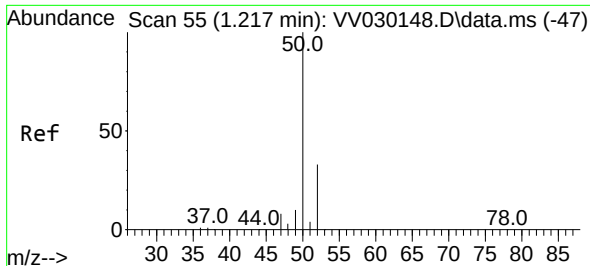
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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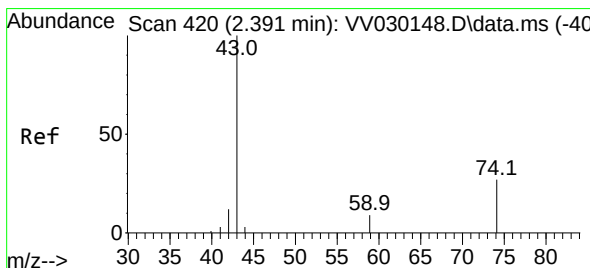
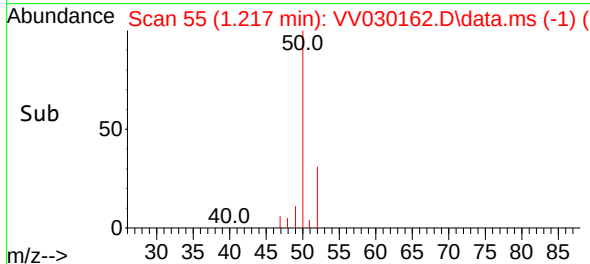
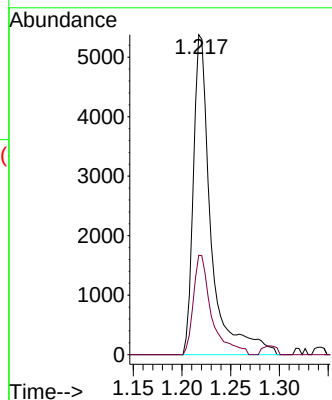
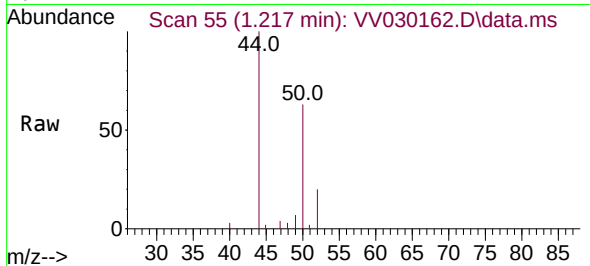




#3
Chloromethane
Concen: 0.382 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

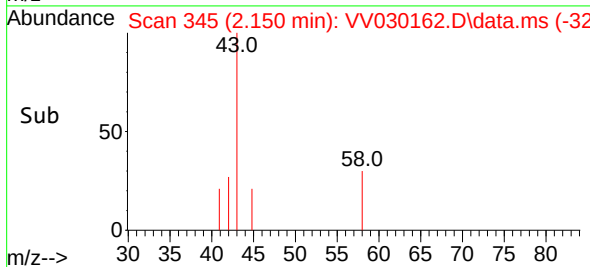
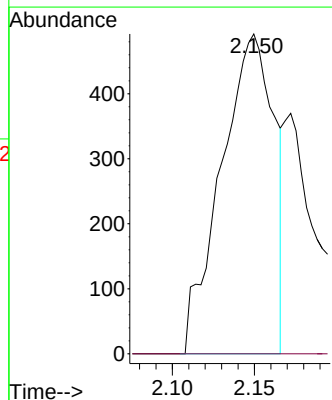
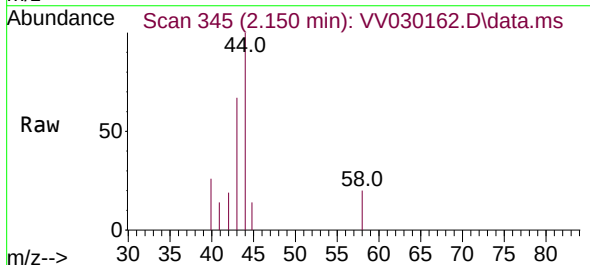
Instrument :
MSVOA_V
ClientSampleId :
C0BC7

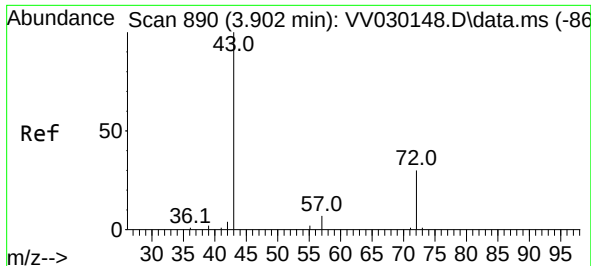
Tgt Ion: 50 Resp: 6773
Ion Ratio Lower Upper
50 100
52 31.1 23.6 43.8



#15
Methyl Acetate
Concen: 0.386 ug/L
RT: 2.150 min Scan# 345
Delta R.T. -0.241 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

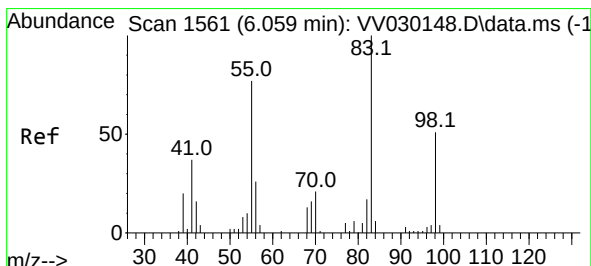
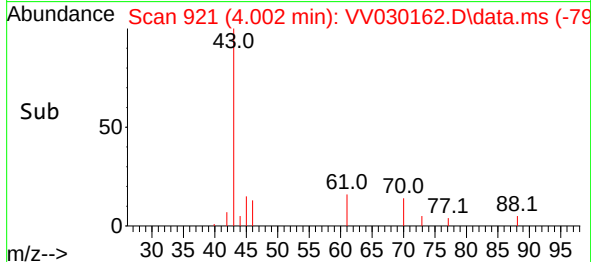
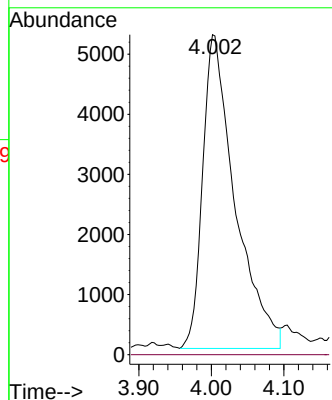
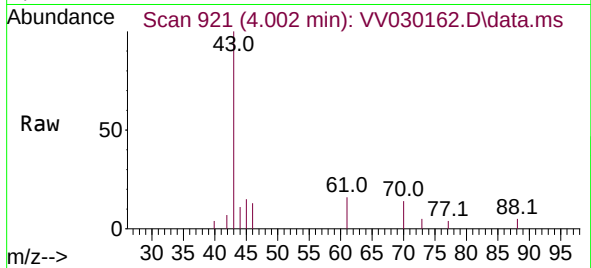




#21
2-Butanone
Concen: 9.904 ug/L
RT: 4.002 min Scan# 91
Delta R.T. 0.100 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

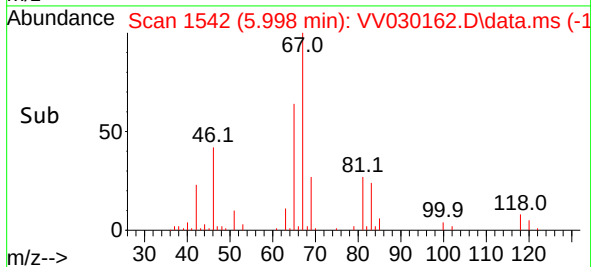
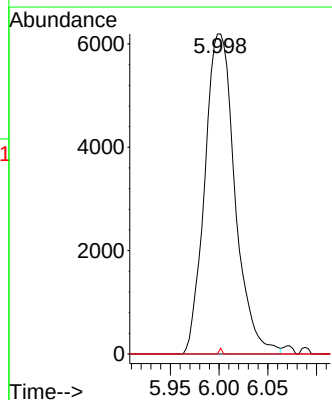
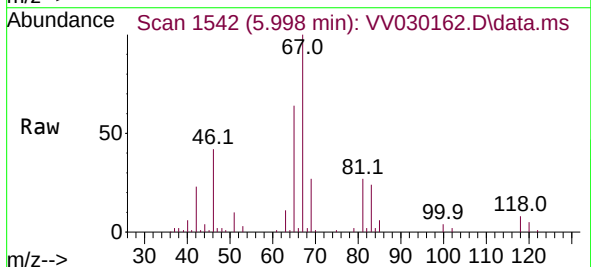
Instrument :
MSVOA_V
ClientSampleId :
C0BC7

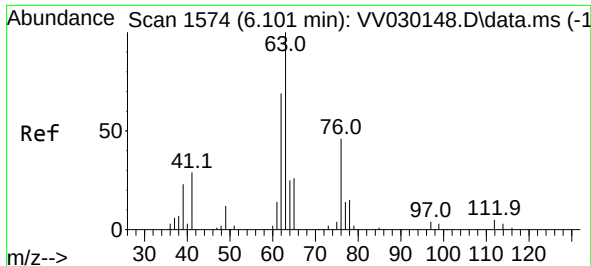
Tgt Ion: 43 Resp: 16241
Ion Ratio Lower Upper
43 100
72 0.0 15.1 45.3#



#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

Tgt Ion: 83 Resp: 13373
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.2 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030162.D

Acq: 10 Mar 2023 18:04

Instrument :

MSVOA_V

ClientSampleId :

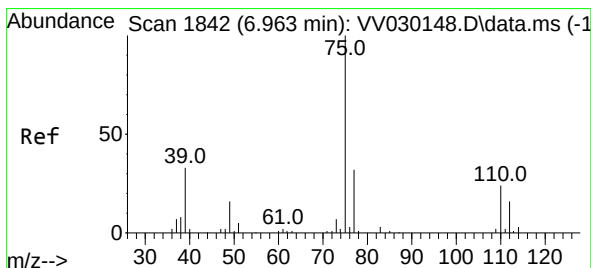
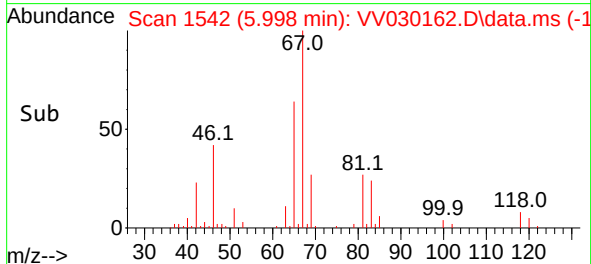
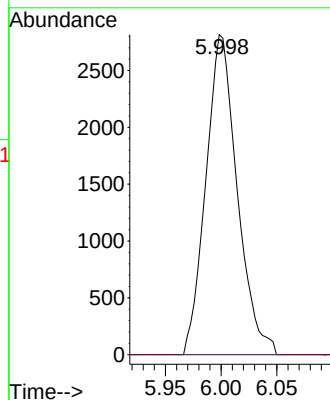
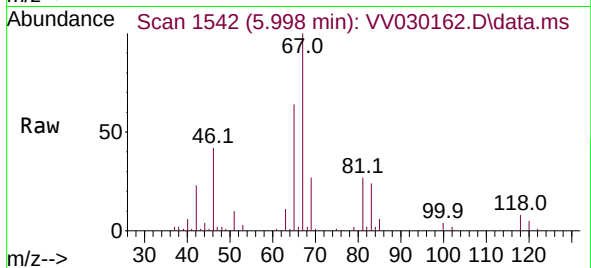
C0BC7

Tgt Ion: 63 Resp: 5517

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030162.D

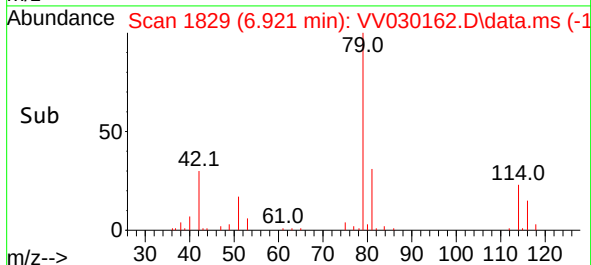
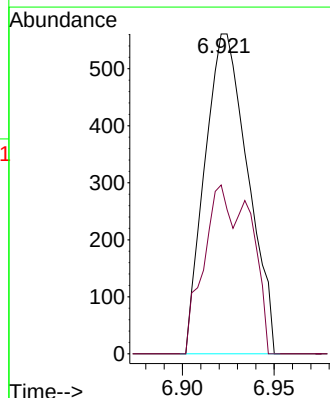
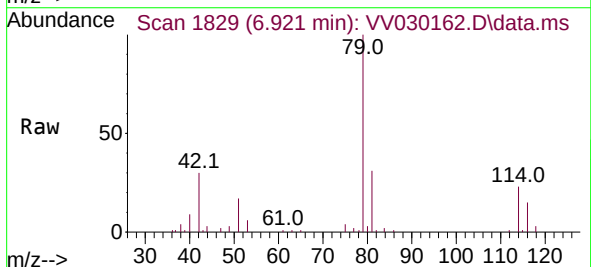
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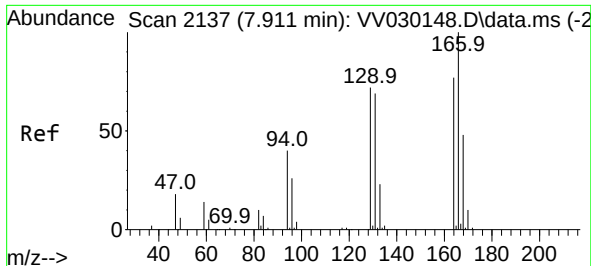
Tgt Ion: 75 Resp: 913

Ion Ratio Lower Upper

75 100

77 52.8 22.3 41.3#

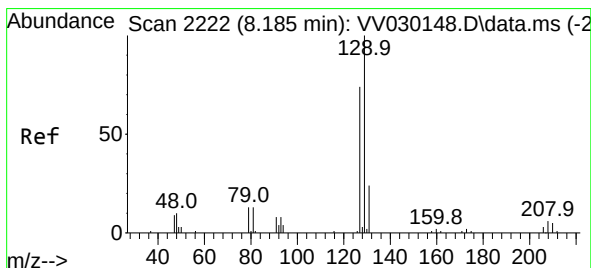
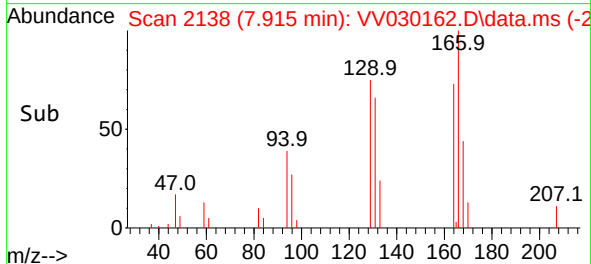
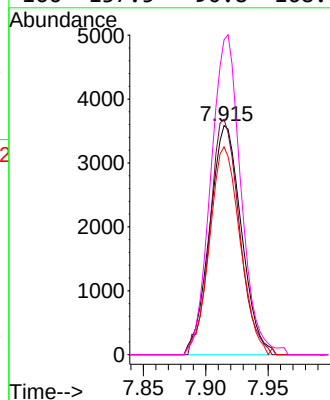
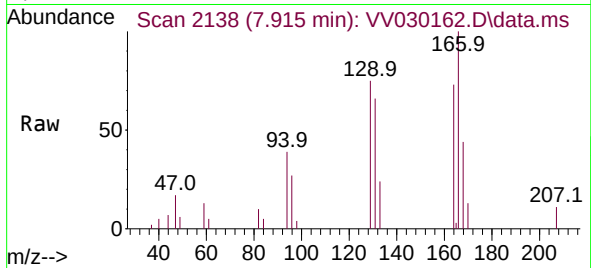




#47
Tetrachloroethene
Concen: 0.673 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

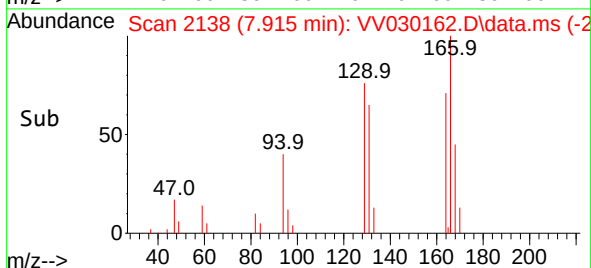
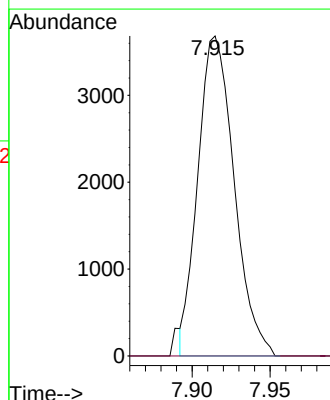
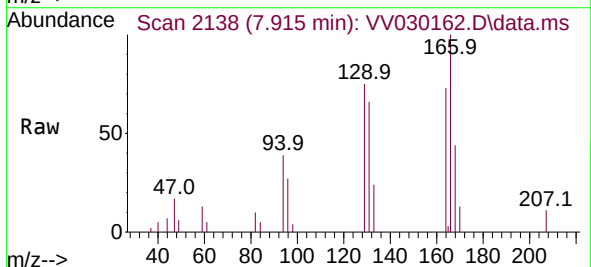
Instrument :
MSVOA_V
ClientSampleId :
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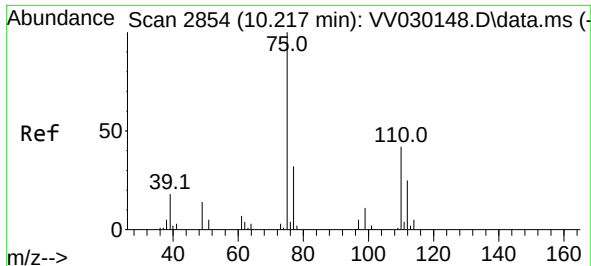
Tgt Ion:164 Resp: 6365
Ion Ratio Lower Upper
164 100
129 102.8 63.6 118.2
131 90.8 61.7 114.7
166 137.5 90.8 168.6



#49
Dibromochloromethane
Concen: 0.711 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

Tgt Ion:129 Resp: 5954
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#

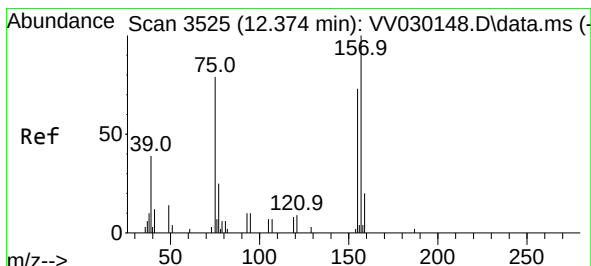
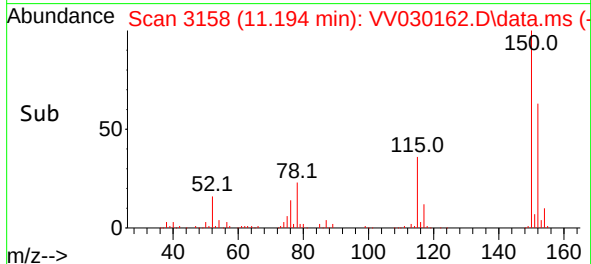
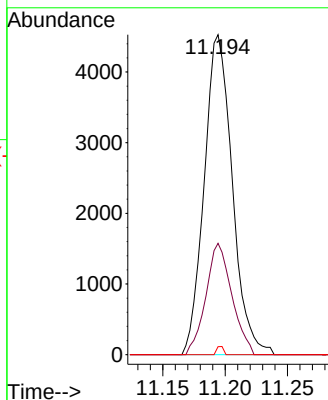
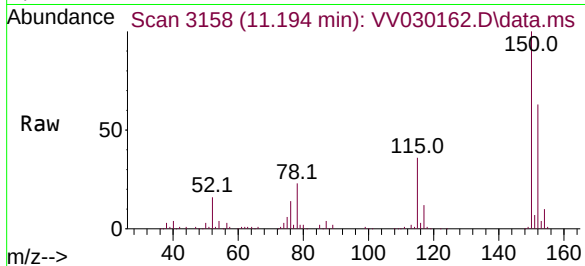




#61
1,2,3-Trichloropropane
Concen: 1.516 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

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Tgt Ion: 75 Resp: 7099
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
110 0.6 31.8 47.6#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.425 ug/L
RT: 12.207 min Scan# 3473
Delta R.T. -0.167 min
Lab File: VV030162.D
Acq: 10 Mar 2023 18:04

Tgt Ion: 75 Resp: 445
Ion Ratio Lower Upper
75 100
155 47.3 79.1 118.7#
157 0.0 95.5 143.3#

