

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030167.D
 Acq On : 10 Mar 2023 20:05
 Operator : SY/MD
 Sample : 01868-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBD6

Quant Time: Mar 11 00:11:46 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)

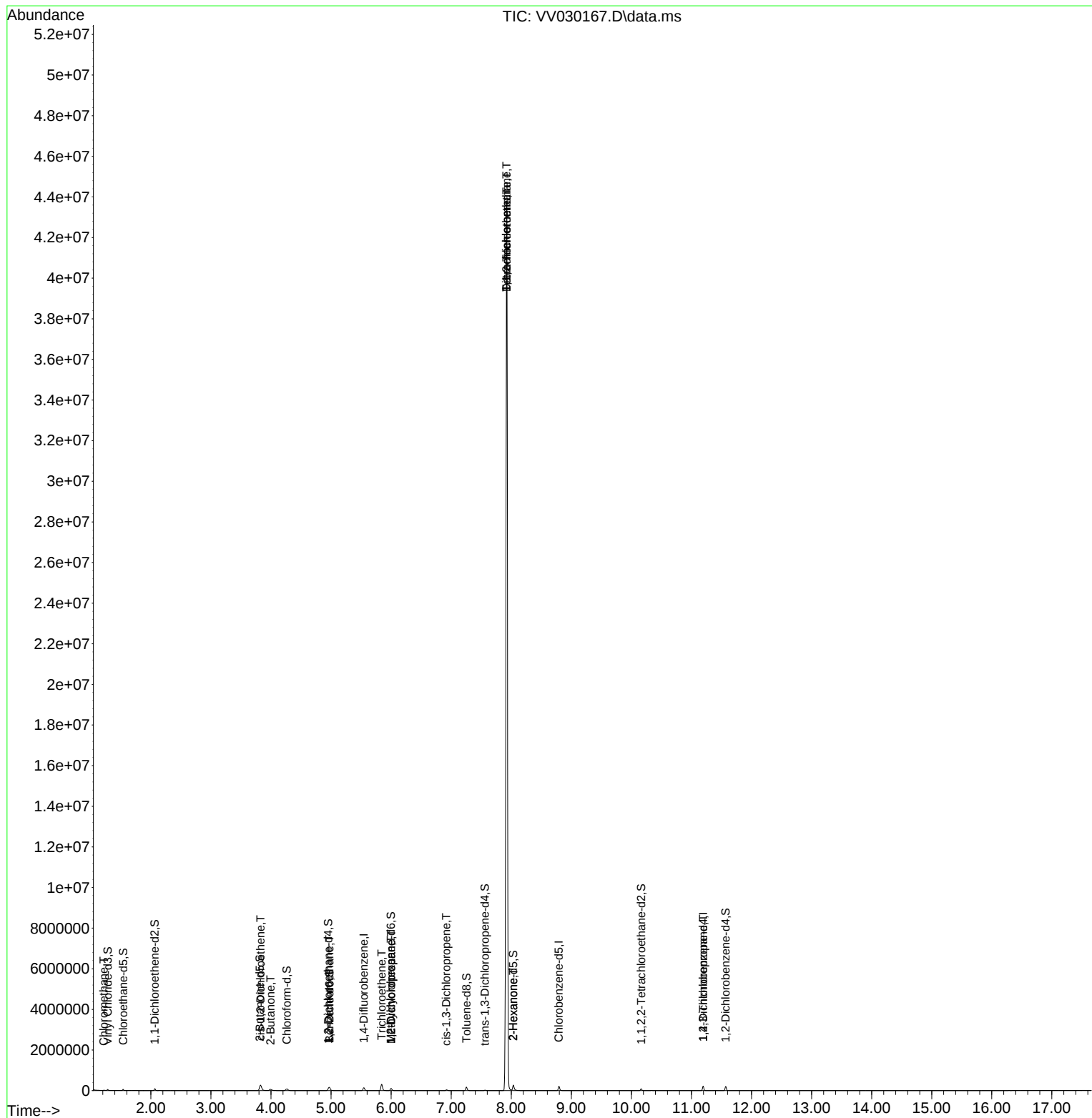
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	133437	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	129449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29131	3.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.539	69	37421	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.066	63	50088	2.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.815	46	105217	66.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.200%#
24) Chloroform-d	4.262	84	96054	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	4.953	65	42407	5.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	4.973	84	158702	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.998	67	56473	5.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.252	98	125313	3.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.561	79	16732	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.034	63	98959	66.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.440%#
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44978	6.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	11.571	152	57508	5.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	8227	0.481	ug/L	94
21) 2-Butanone	3.992	43	110821	70.037	ug/L #	46
22) cis-1,2-Dichloroethene	3.828	96	135335	14.373	ug/L	99
27) 1,2-Dichloroethane	4.973	62	820	0.095	ug/L #	71
34) Trichloroethene	5.841	95	113355	11.443	ug/L	99
35) Methylcyclohexane	5.998	83	13926	0.929	ug/L #	20
37) 1,2-Dichloropropane	6.002	63	5833	0.649	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1069	0.081	ug/L #	60
45) 1,1,2-Trichloroethane	7.924	97	89181	13.857	ug/L #	1
47) Tetrachloroethene	7.924	164	10716230	1260.251	ug/L	95
48) 2-Hexanone	8.034	43	10170	3.828	ug/L #	64
49) Dibromochloromethane	7.924	129	9897832	1314.318	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6518	1.548	ug/L #	65

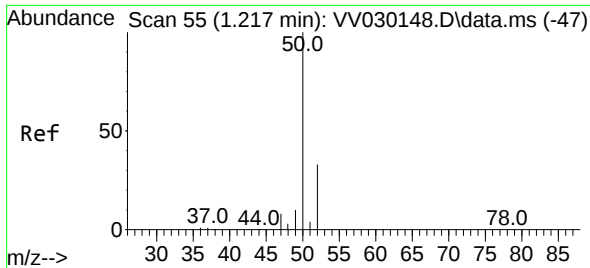
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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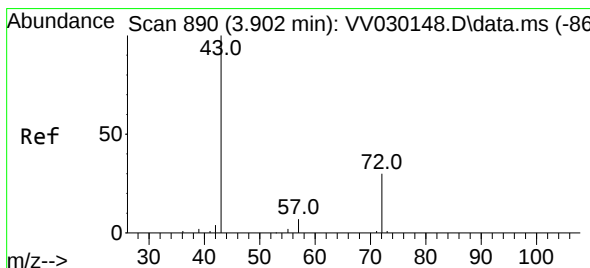
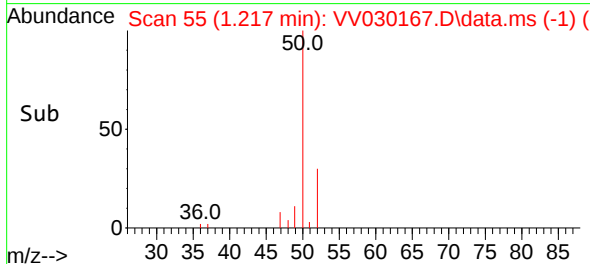
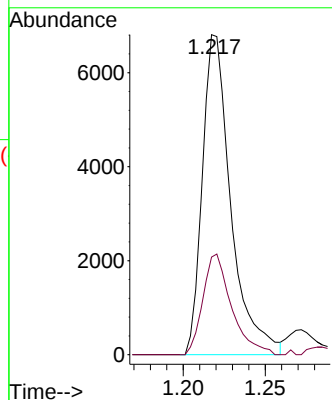
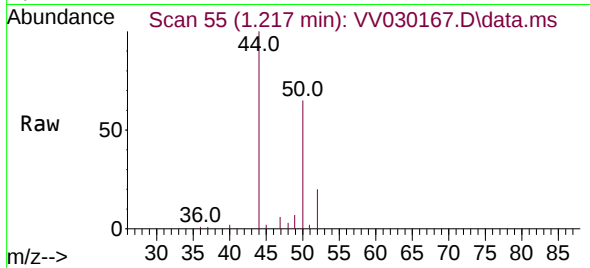




#3
Chloromethane
Concen: 0.481 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030167.D
Acq: 10 Mar 2023 20:05

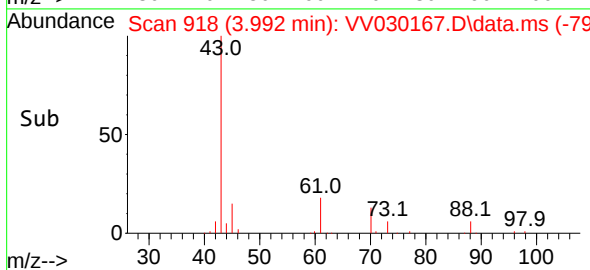
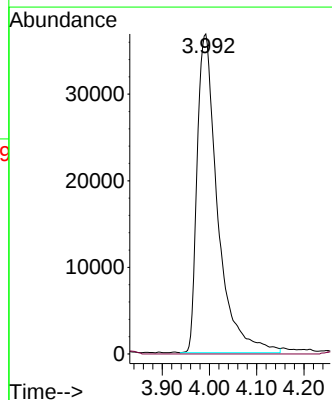
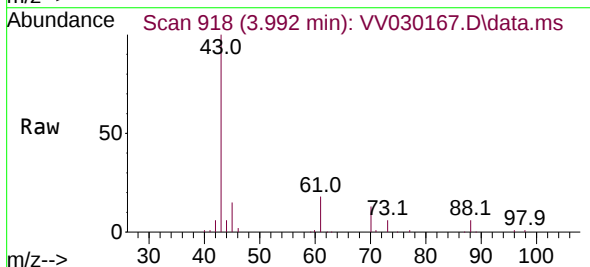
Instrument :
MSVOA_V
ClientSampleId :
C0BD6

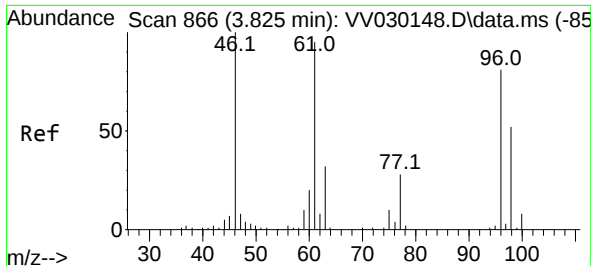
Tgt Ion: 50 Resp: 8227
Ion Ratio Lower Upper
50 100
52 30.5 23.6 43.8



#21
2-Butanone
Concen: 70.037 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.090 min
Lab File: VV030167.D
Acq: 10 Mar 2023 20:05

Tgt Ion: 43 Resp: 110821
Ion Ratio Lower Upper
43 100
72 0.8 15.1 45.3#

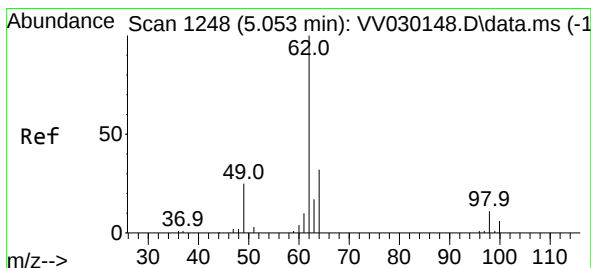
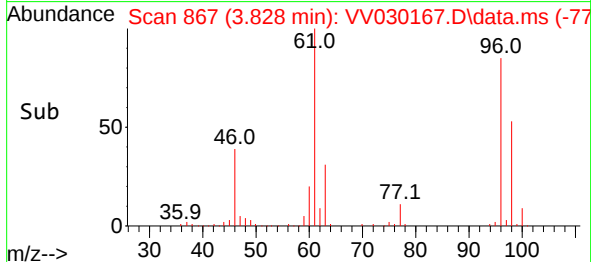
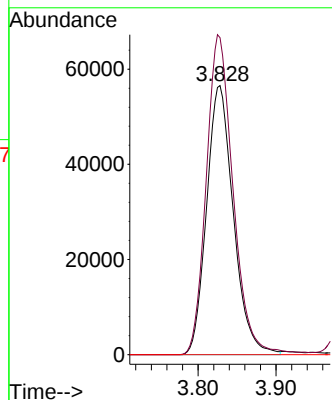
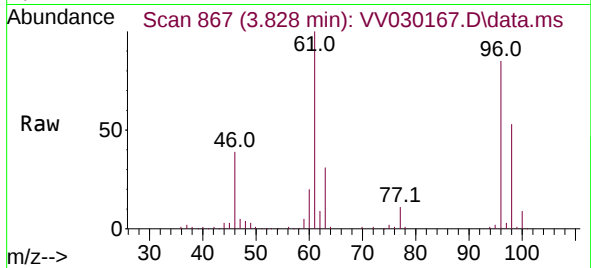




#22
 cis-1,2-Dichloroethene
 Concen: 14.373 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV030167.D
 Acq: 10 Mar 2023 20:05

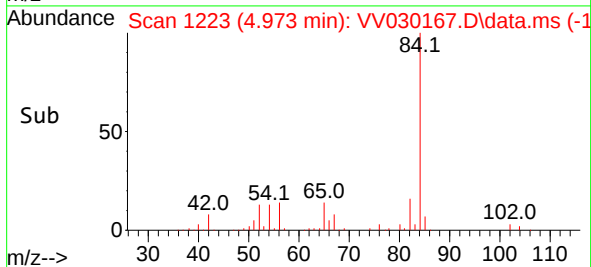
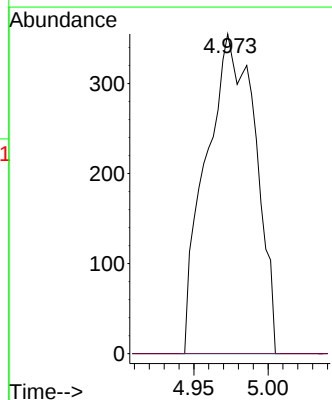
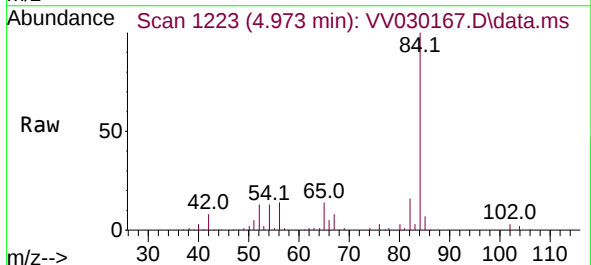
Instrument :
 MSVOA_V
 ClientSampleId :
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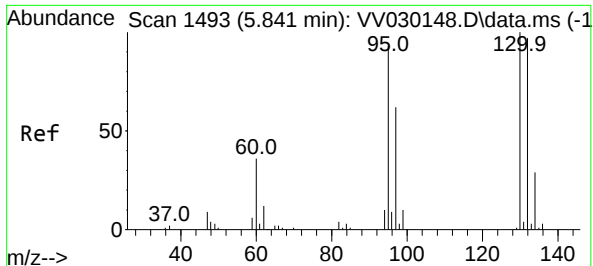
Tgt Ion: 96 Resp: 135335
 Ion Ratio Lower Upper
 96 100
 61 117.7 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.095 ug/L
 RT: 4.973 min Scan# 1223
 Delta R.T. -0.080 min
 Lab File: VV030167.D
 Acq: 10 Mar 2023 20:05

Tgt Ion: 62 Resp: 820
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.0 13.4#





#34

Trichloroethene

Concen: 11.443 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV030167.D

Acq: 10 Mar 2023 20:05

Instrument :

MSVOA_V

ClientSampleId :

C0BD6

Tgt Ion: 95 Resp: 113355

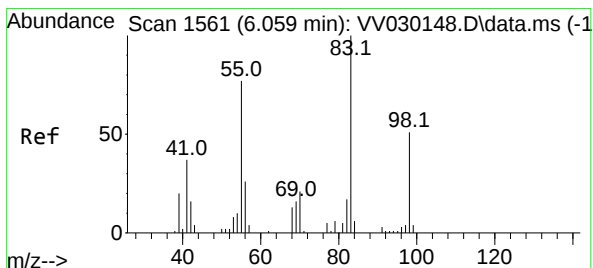
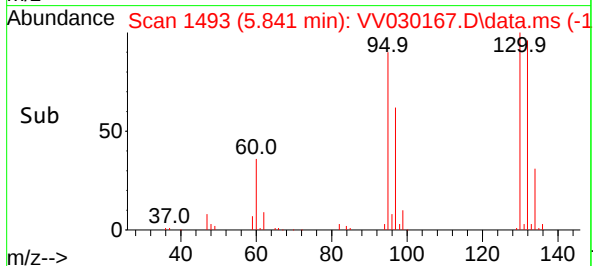
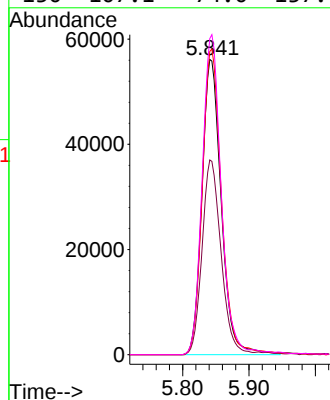
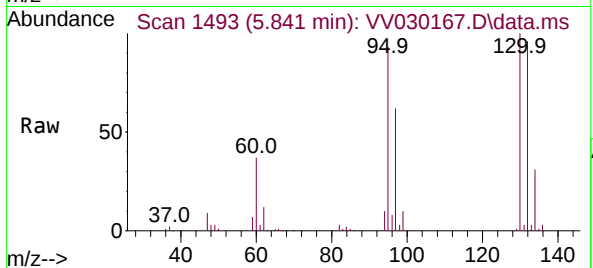
Ion Ratio Lower Upper

95 100

97 66.0 46.5 86.5

132 102.7 71.7 133.3

130 107.1 74.0 137.4



#35

Methylcyclohexane

Concen: 0.929 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030167.D

Acq: 10 Mar 2023 20:05

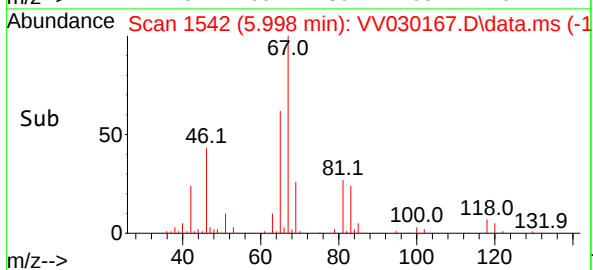
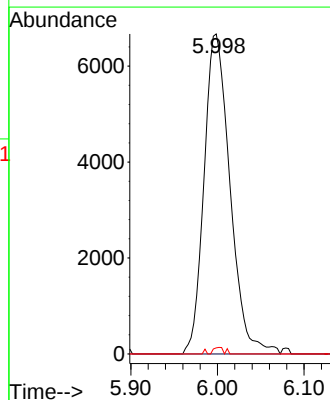
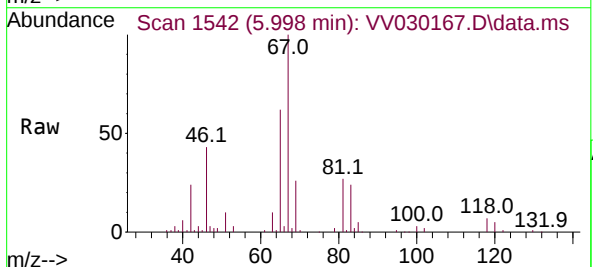
Tgt Ion: 83 Resp: 13926

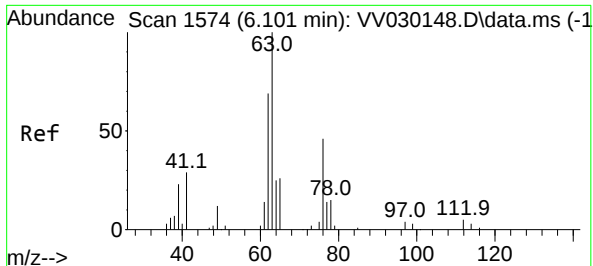
Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.8 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.649 ug/L

RT: 6.002 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV030167.D

Acq: 10 Mar 2023 20:05

Instrument :

MSVOA_V

ClientSampleId :

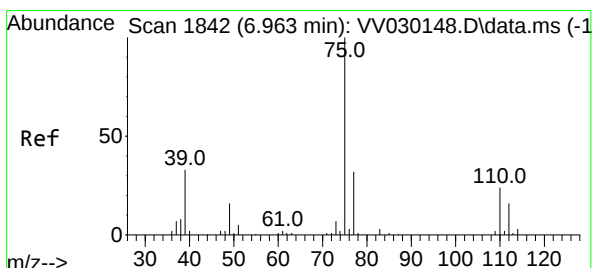
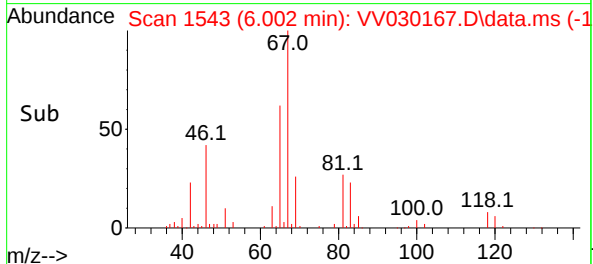
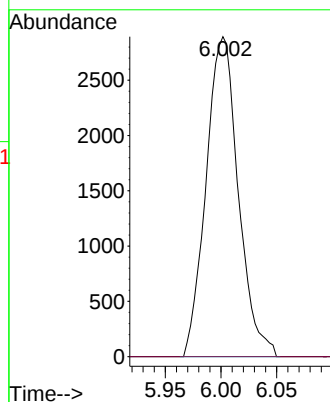
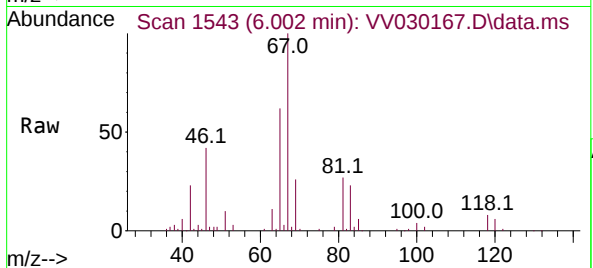
C0BD6

Tgt Ion: 63 Resp: 5833

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.045 min

Lab File: VV030167.D

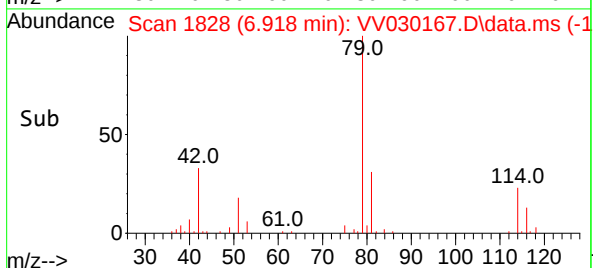
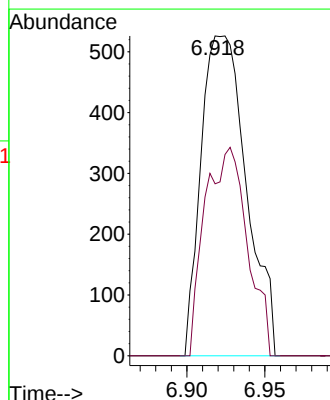
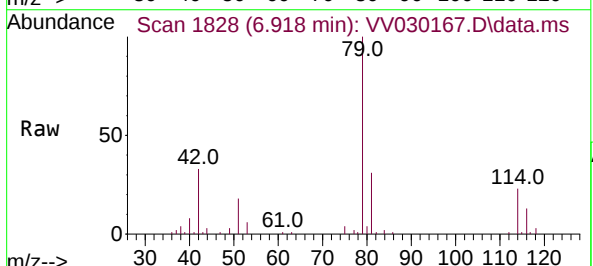
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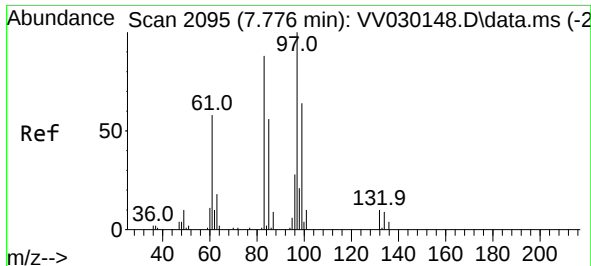
Tgt Ion: 75 Resp: 1069

Ion Ratio Lower Upper

75 100

77 53.8 22.3 41.3#

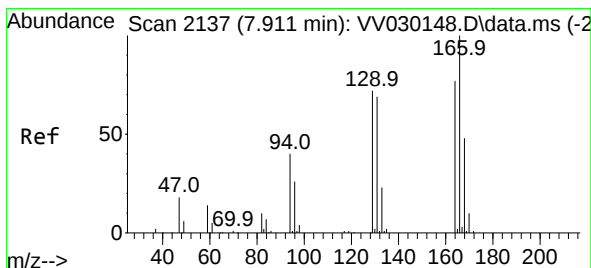
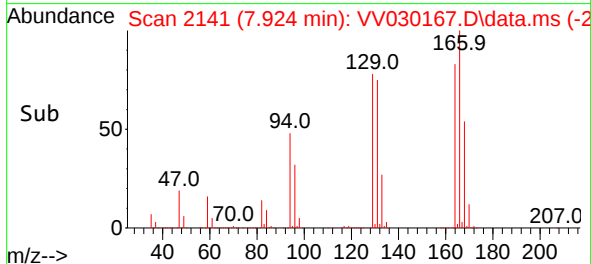
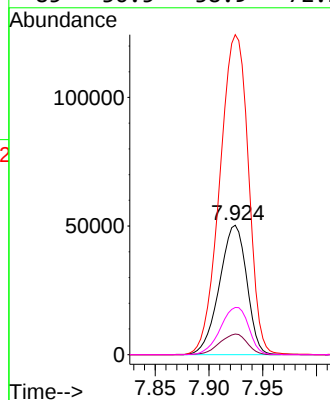
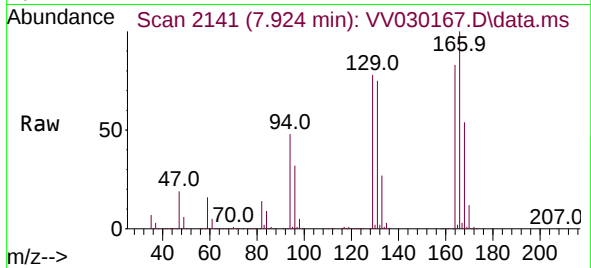




#45
1,1,2-Trichloroethane
Concen: 13.857 ug/L
RT: 7.924 min Scan# 2141
Delta R.T. 0.148 min
Lab File: VV030167.D
Acq: 10 Mar 2023 20:05

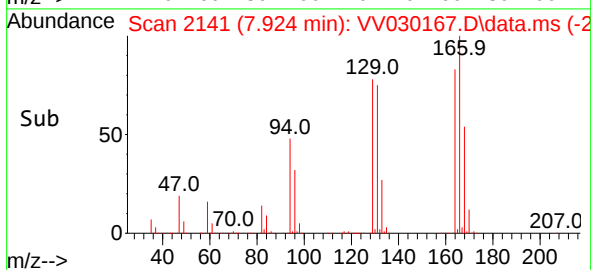
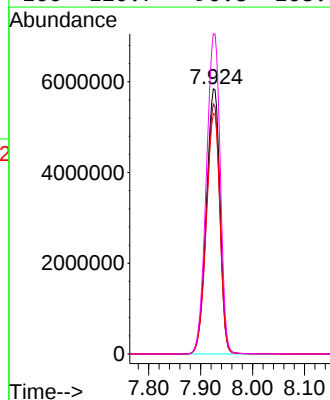
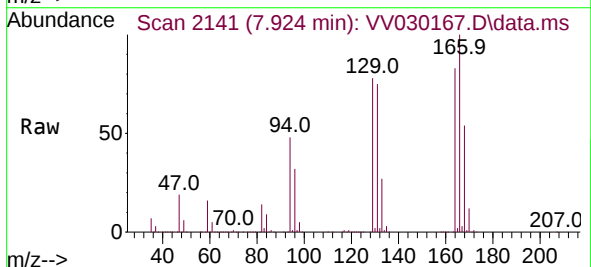
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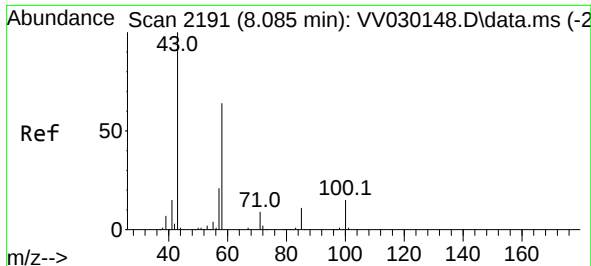
Tgt Ion: 97	Resp: 89181
Ion Ratio	Lower Upper
97 100	
99 16.0	42.6 79.2#
83 247.1	57.7 107.3#
85 36.5	38.9 72.2#



#47
Tetrachloroethene
Concen: 1260.251 ug/L
RT: 7.924 min Scan# 2141
Delta R.T. 0.013 min
Lab File: VV030167.D
Acq: 10 Mar 2023 20:05

Tgt Ion: 164	Resp: 10716230
Ion Ratio	Lower Upper
164 100	
129 94.3	63.6 118.2
131 90.8	61.7 114.7
166 120.7	90.8 168.6

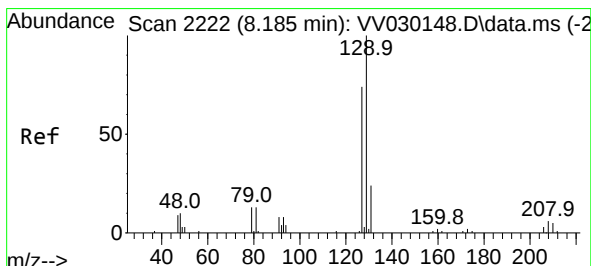
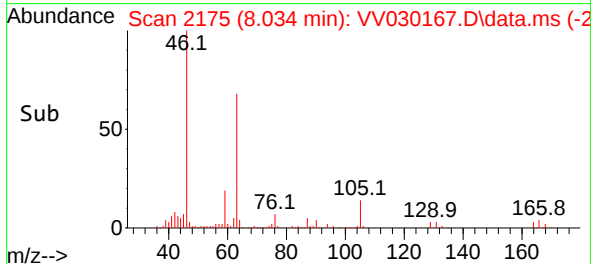
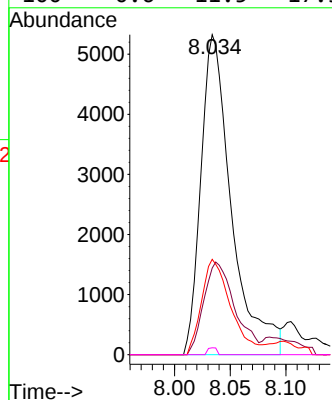
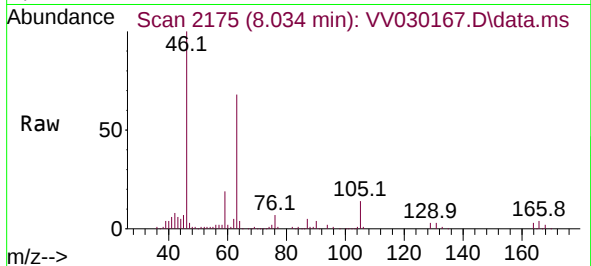




#48
2-Hexanone
Concen: 3.828 ug/L
RT: 8.034 min Scan# 2191
Delta R.T. -0.051 min
Lab File: VV030167.D
Acq: 10 Mar 2023 20:05

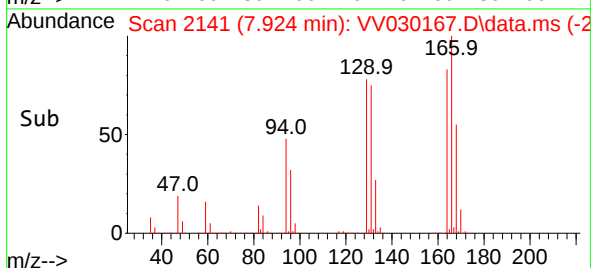
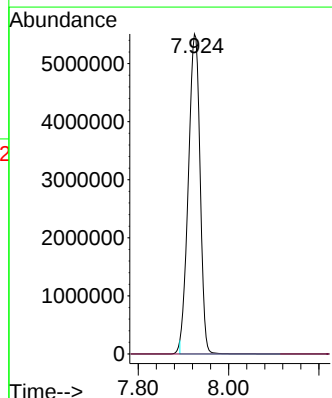
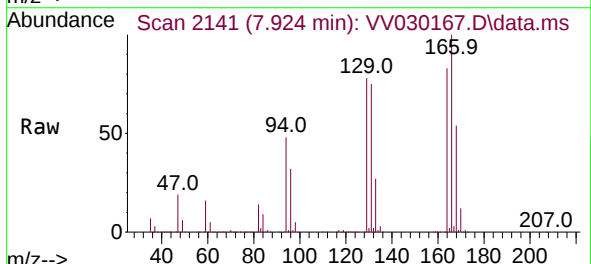
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C0BD6

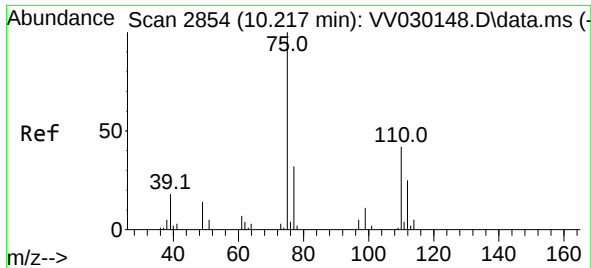
Tgt Ion: 43	Resp: 10170
Ion Ratio	Lower Upper
43	100
58	29.7 49.8 74.8#
57	28.3 16.6 24.8#
100	0.6 11.5 17.3#



#49
Dibromochloromethane
Concen: 1314.318 ug/L
RT: 7.924 min Scan# 2141
Delta R.T. -0.260 min
Lab File: VV030167.D
Acq: 10 Mar 2023 20:05

Tgt Ion: 129	Resp: 9897832
Ion Ratio	Lower Upper
129	100
127	0.0 54.7 101.5#





#61

1,2,3-Trichloropropane

Concen: 1.548 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV030167.D

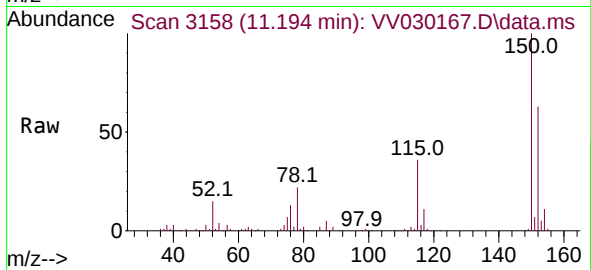
Acq: 10 Mar 2023 20:05

Instrument :

MSVOA_V

ClientSampleId :

C0BD6



Tgt Ion: 75 Resp: 6518

Ion Ratio Lower Upper

75 100

77 34.5 26.5 39.7

110 2.0 31.8 47.6#

