

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030164.D
 Acq On : 10 Mar 2023 18:52
 Operator : SY/MD
 Sample : 01868-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBD1

Quant Time: Mar 11 00:10:37 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)

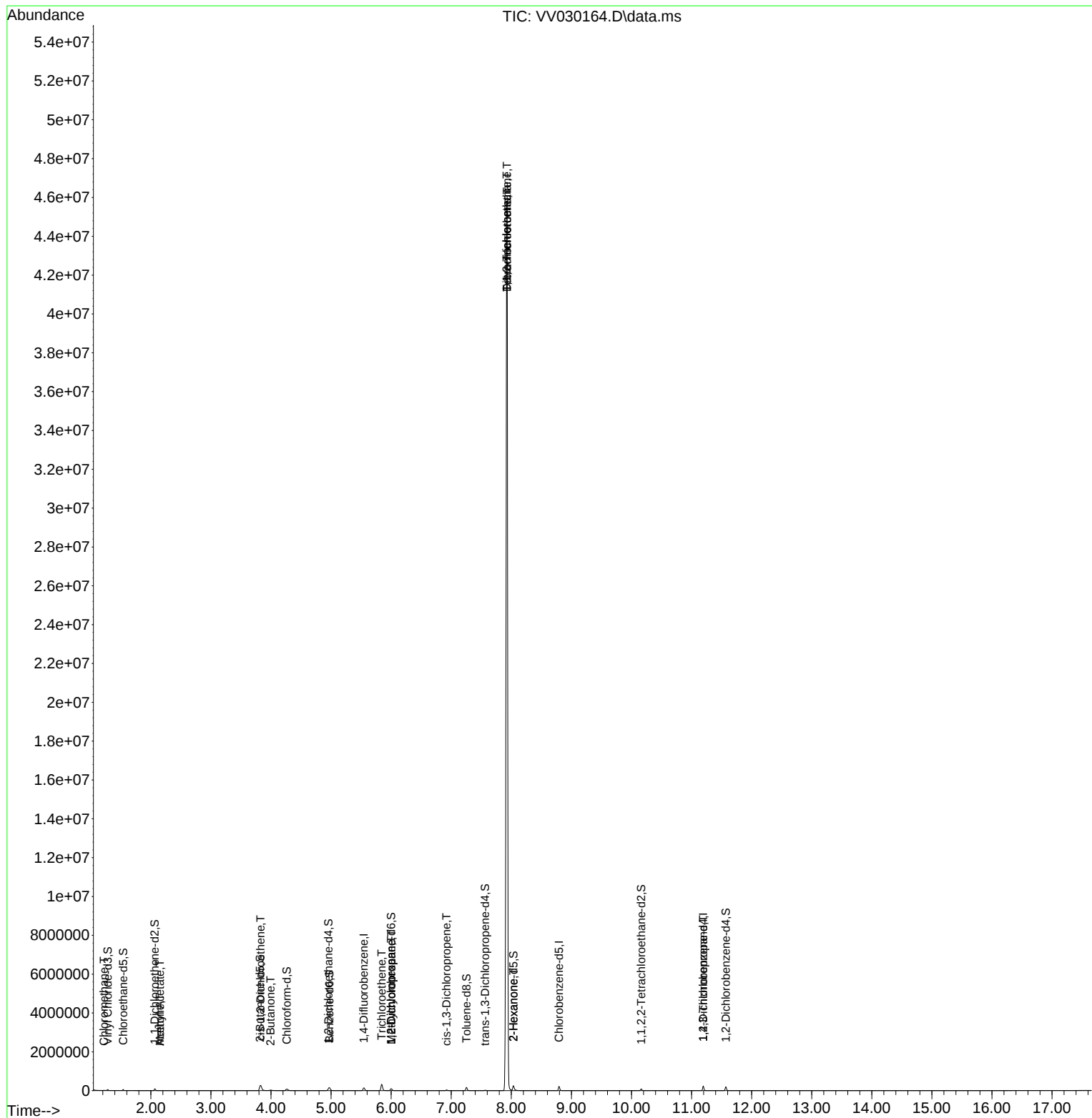
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	134401	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	131139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28809	3.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.539	69	35930	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.066	63	48562	2.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	3.815	46	97135	60.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.160%
24) Chloroform-d	4.262	84	91610	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.957	65	40494	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	4.973	84	149353	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.998	67	54584	5.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.252	98	120703	3.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.564	79	15361	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.034	63	91246	60.726	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42598	5.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	53620	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	5805	0.337	ug/L	96
13) Acetone	2.150	43	2366	1.997	ug/L	87
15) Methyl Acetate	2.150	43	2366	0.855	ug/L #	50
21) 2-Butanone	3.992	43	47474	29.787	ug/L #	48
22) cis-1,2-Dichloroethene	3.825	96	141674	14.938	ug/L	98
34) Trichloroethene	5.841	95	120539	12.011	ug/L	99
35) Methylcyclohexane	5.998	83	13643	0.898	ug/L #	20
37) 1,2-Dichloropropane	6.002	63	5689	0.624	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1006	0.075	ug/L #	19
45) 1,1,2-Trichloroethane	7.924	97	96550	14.809	ug/L #	3
47) Tetrachloroethene	7.928	164	11434143	1327.350	ug/L	95
48) 2-Hexanone	8.034	43	8967	3.331	ug/L #	67
49) Dibromochloromethane	7.928	129	10549997	1382.864	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6470	1.498	ug/L #	66

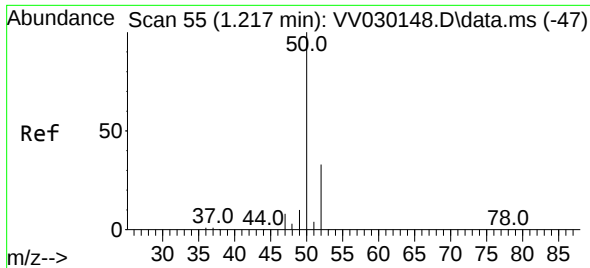
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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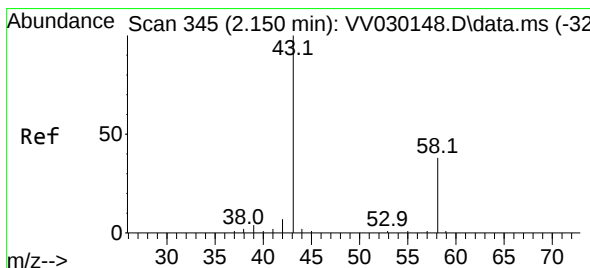
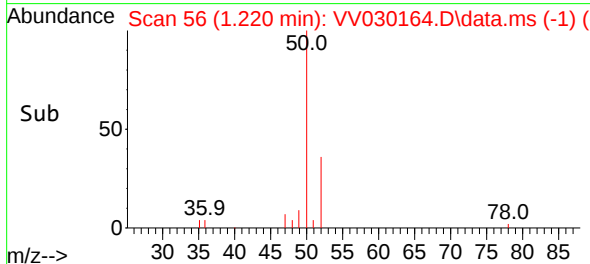
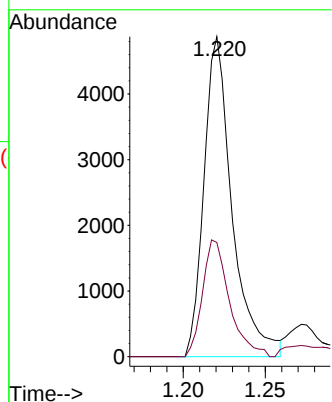
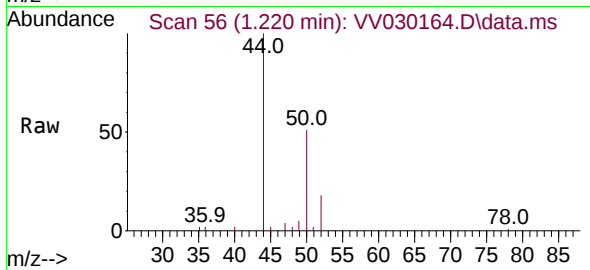




#3
Chloromethane
Concen: 0.337 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

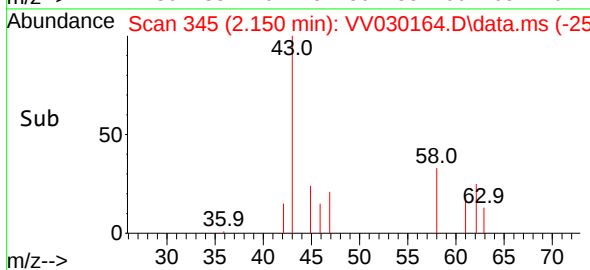
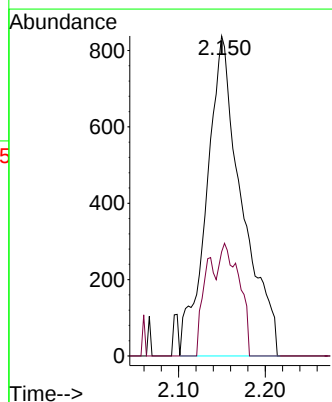
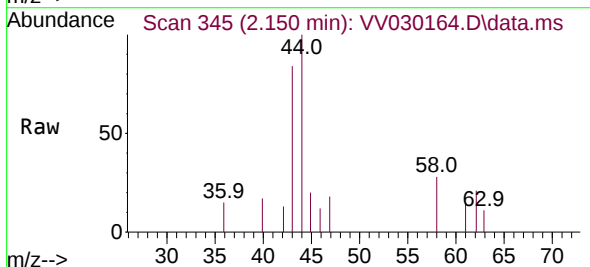
Instrument :
MSVOA_V
ClientSampleId :
C0BD1

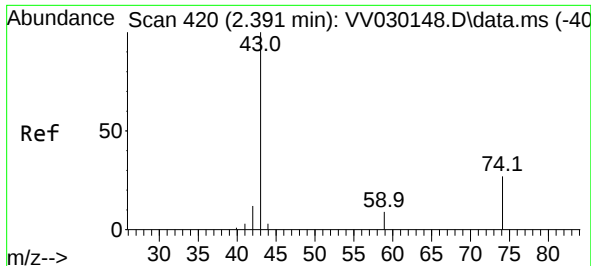
Tgt Ion: 50 Resp: 5805
Ion Ratio Lower Upper
50 100
52 35.7 23.6 43.8



#13
Acetone
Concen: 1.997 ug/L
RT: 2.150 min Scan# 345
Delta R.T. 0.000 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

Tgt Ion: 43 Resp: 2366
Ion Ratio Lower Upper
43 100
58 20.2 0.0 29.4

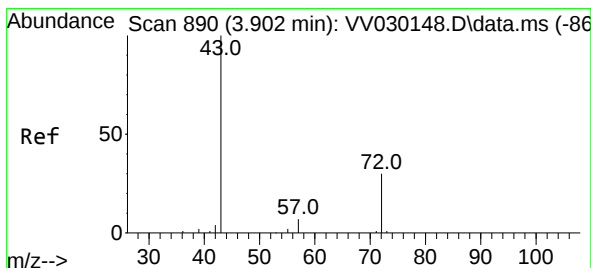
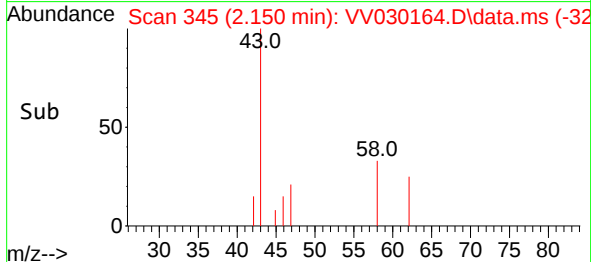
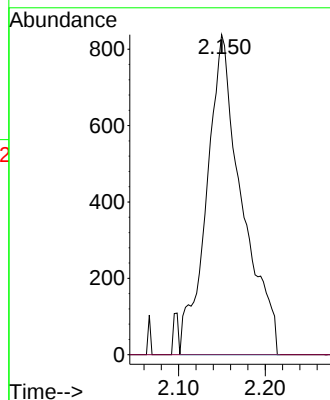
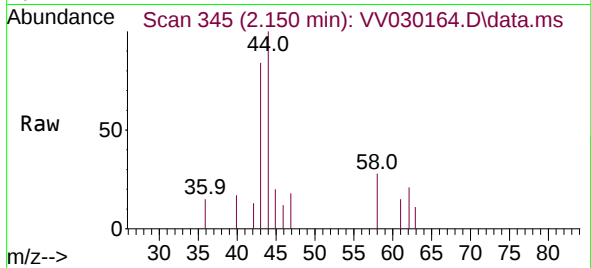




#15
Methyl Acetate
Concen: 0.855 ug/L
RT: 2.150 min Scan# 341
Delta R.T. -0.241 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

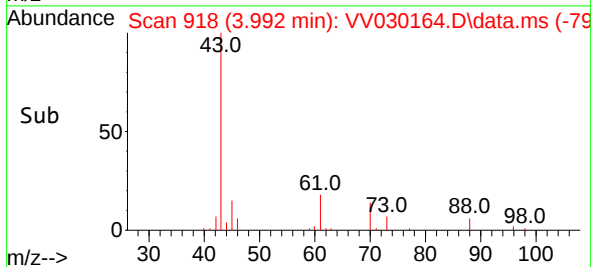
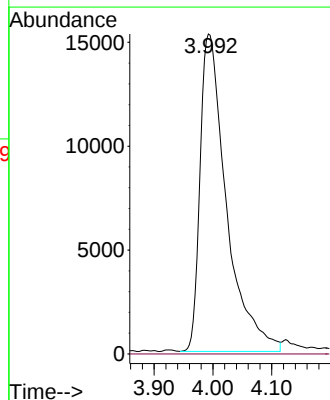
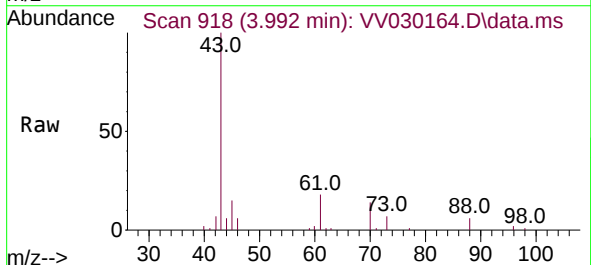
Instrument :
MSVOA_V
ClientSampleId :
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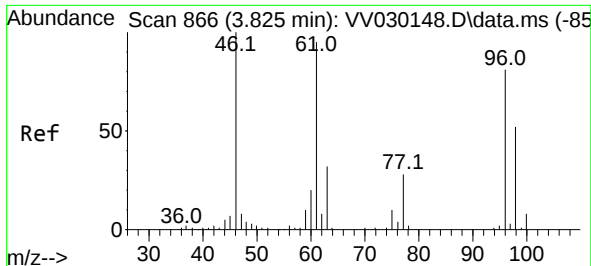
Tgt Ion: 43 Resp: 2366
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#21
2-Butanone
Concen: 29.787 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.090 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

Tgt Ion: 43 Resp: 47474
Ion Ratio Lower Upper
43 100
72 1.9 15.1 45.3#

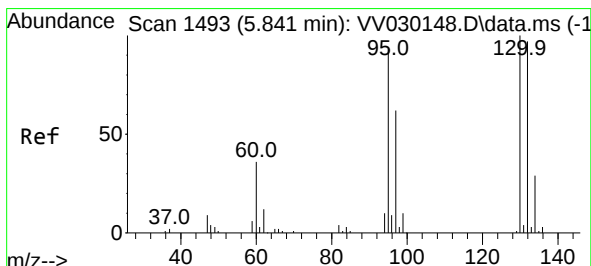
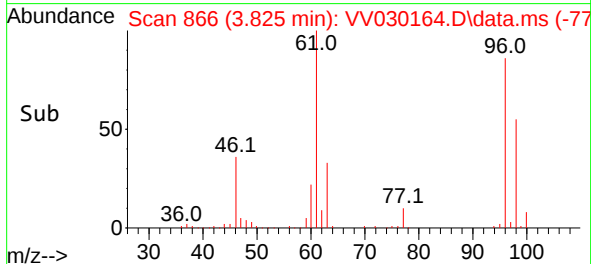
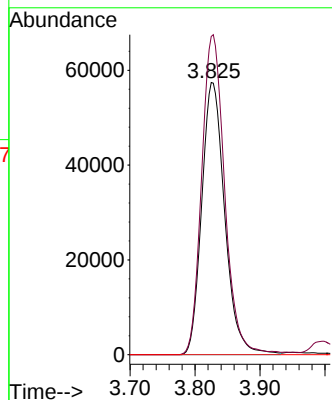
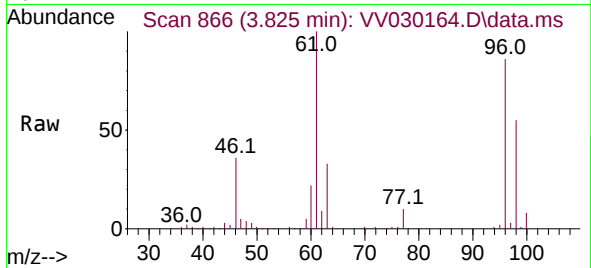




#22
cis-1,2-Dichloroethene
Concen: 14.938 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.000 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

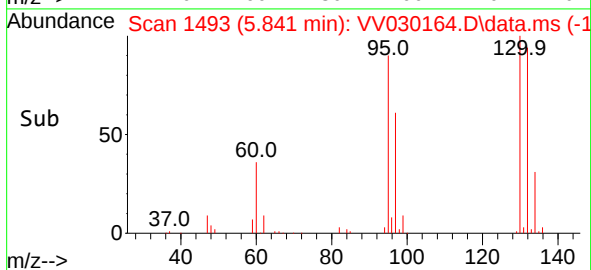
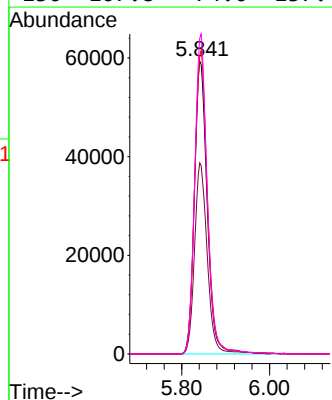
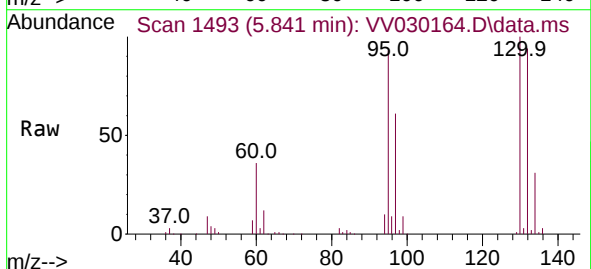
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ClientSampleId :
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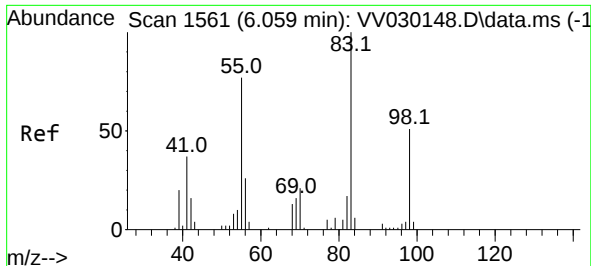
Tgt Ion: 96 Resp: 141674
Ion Ratio Lower Upper
96 100
61 116.9 83.4 154.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 12.011 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

Tgt Ion: 95 Resp: 120539
Ion Ratio Lower Upper
95 100
97 65.2 46.5 86.5
132 101.8 71.7 133.3
130 107.8 74.0 137.4

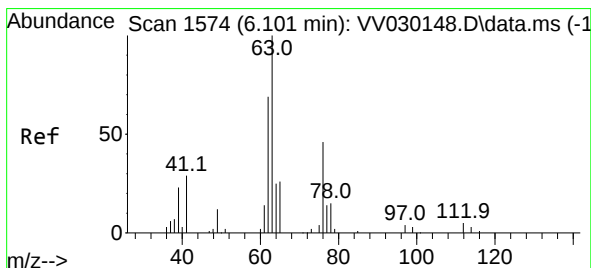
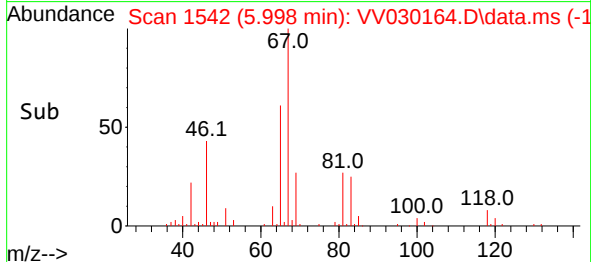
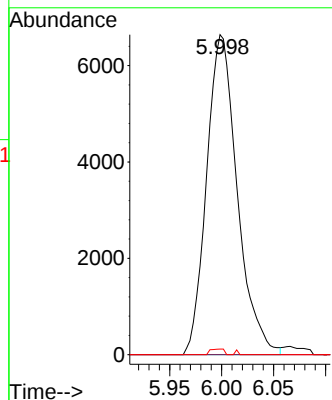
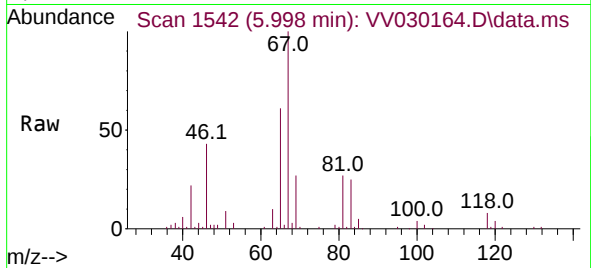




#35
Methylcyclohexane
Concen: 0.898 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

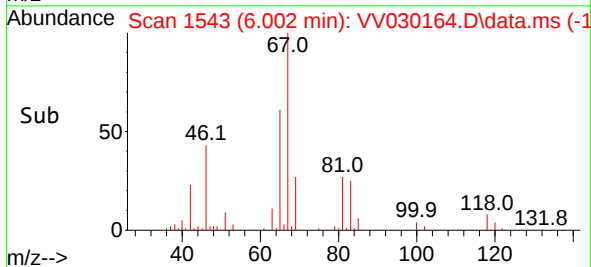
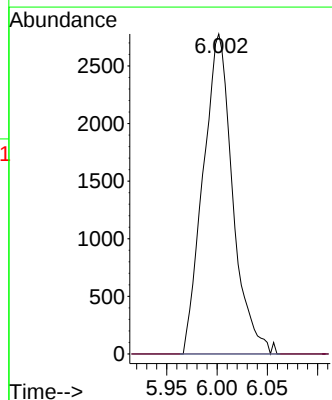
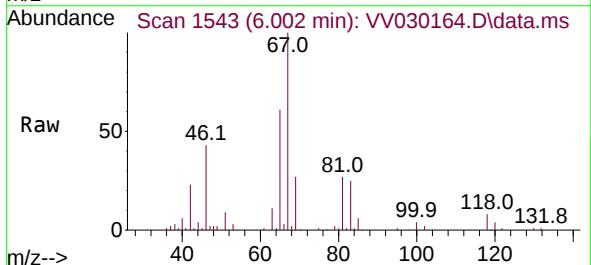
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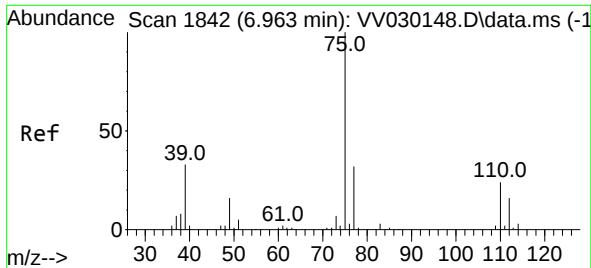
Tgt Ion: 83 Resp: 13643
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.8 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

Tgt Ion: 63 Resp: 5689
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

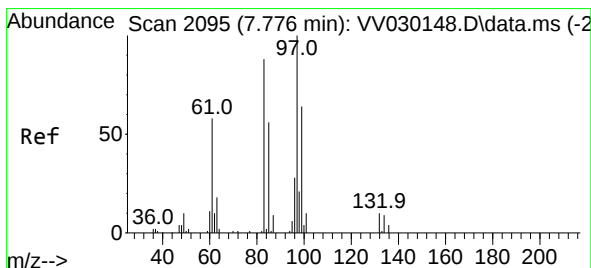
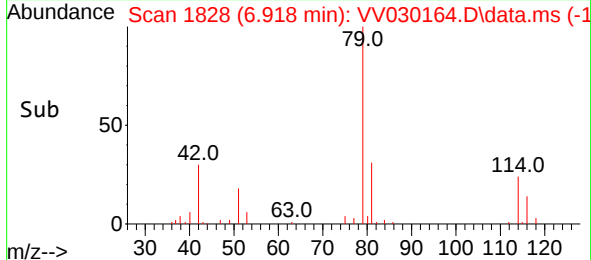
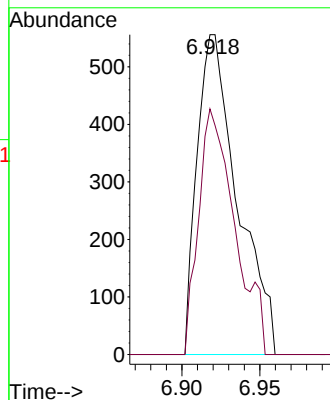
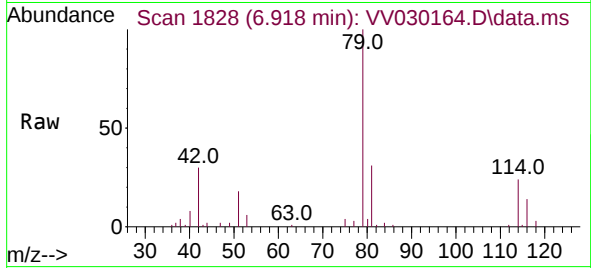




#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 6.918 min Scan# 11
 Delta R.T. -0.045 min
 Lab File: VV030164.D
 Acq: 10 Mar 2023 18:52

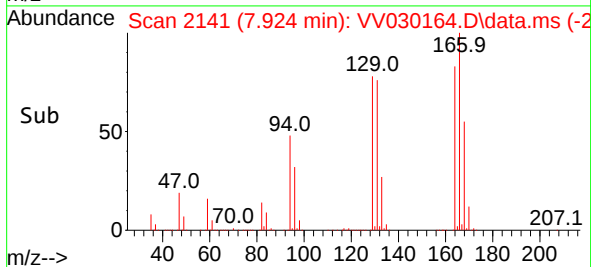
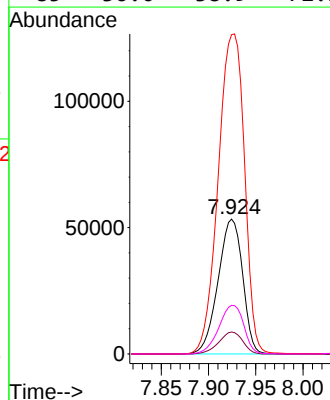
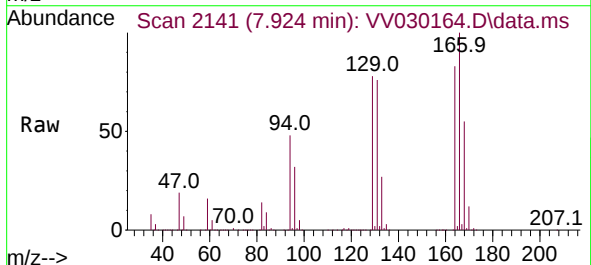
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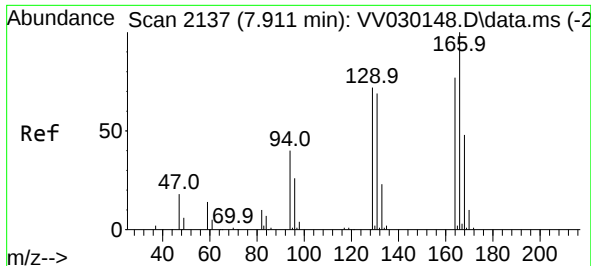
Tgt Ion: 75 Resp: 1006
 Ion Ratio Lower Upper
 75 100
 77 76.8 22.3 41.3#



#45
 1,1,2-Trichloroethane
 Concen: 14.809 ug/L
 RT: 7.924 min Scan# 2141
 Delta R.T. 0.148 min
 Lab File: VV030164.D
 Acq: 10 Mar 2023 18:52

Tgt Ion: 97 Resp: 96550
 Ion Ratio Lower Upper
 97 100
 99 16.3 42.6 79.2#
 83 236.6 57.7 107.3#
 85 36.0 38.9 72.2#

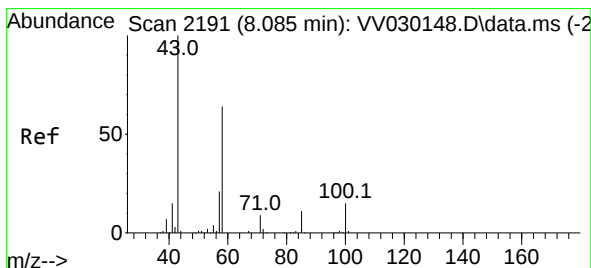
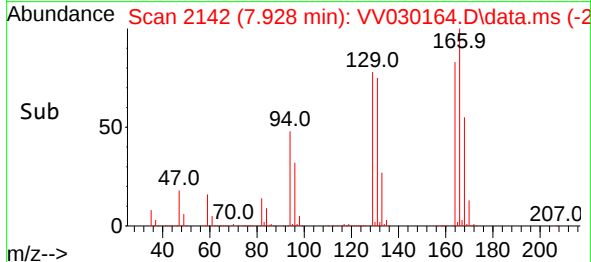
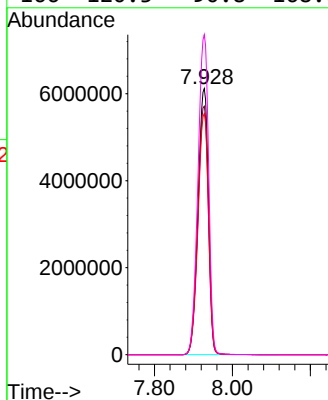
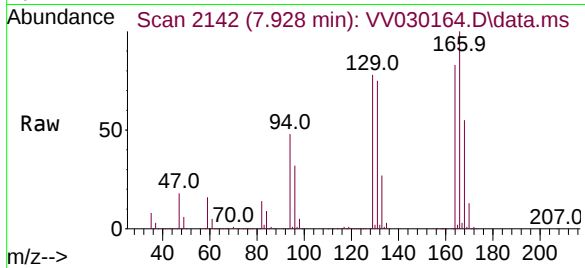




#47
Tetrachloroethene
Concen: 1327.350 ug/L
RT: 7.928 min Scan# 2142
Delta R.T. 0.016 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

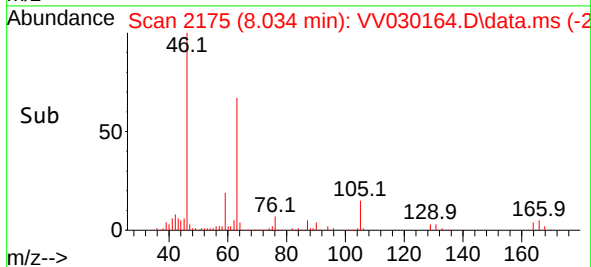
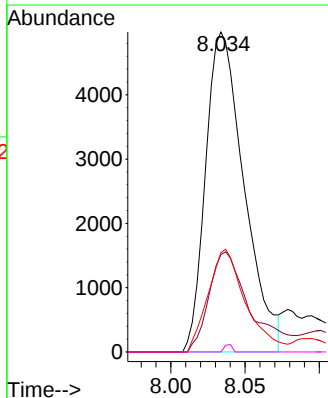
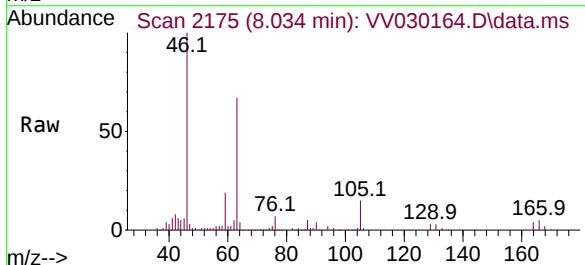
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C0BD1

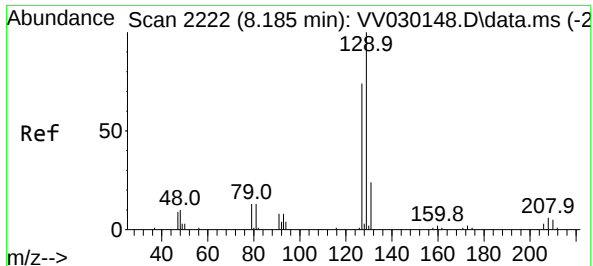
Tgt Ion:164 Resp:11434143
Ion Ratio Lower Upper
164 100
129 93.4 63.6 118.2
131 90.6 61.7 114.7
166 120.3 90.8 168.6



#48
2-Hexanone
Concen: 3.331 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.051 min
Lab File: VV030164.D
Acq: 10 Mar 2023 18:52

Tgt Ion: 43 Resp: 8967
Ion Ratio Lower Upper
43 100
58 34.0 49.8 74.8#
57 31.5 16.6 24.8#
100 0.5 11.5 17.3#





#49

Dibromochloromethane

Concen: 1382.864 ug/L

RT: 7.928 min Scan# 2142

Delta R.T. -0.257 min

Lab File: VV030164.D

Acq: 10 Mar 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

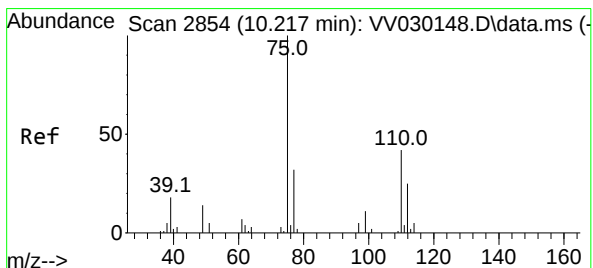
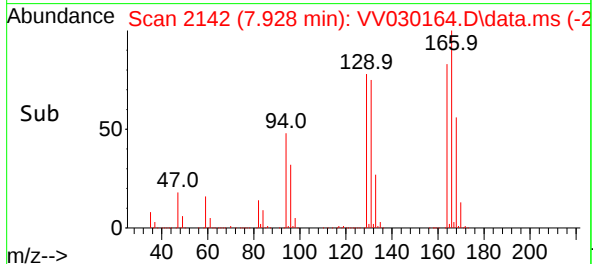
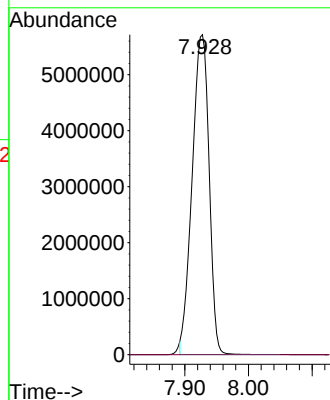
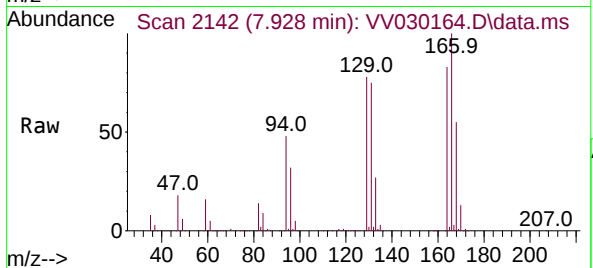
C0BD1

Tgt Ion:129 Resp:10549997

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.498 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030164.D

Acq: 10 Mar 2023 18:52

Tgt Ion: 75 Resp: 6470

Ion Ratio Lower Upper

75 100

77 34.5 26.5 39.7

110 2.0 31.8 47.6#

