

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030166.D
 Acq On : 10 Mar 2023 19:41
 Operator : SY/MD
 Sample : 01868-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD3

Quant Time: Mar 11 00:11:23 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)

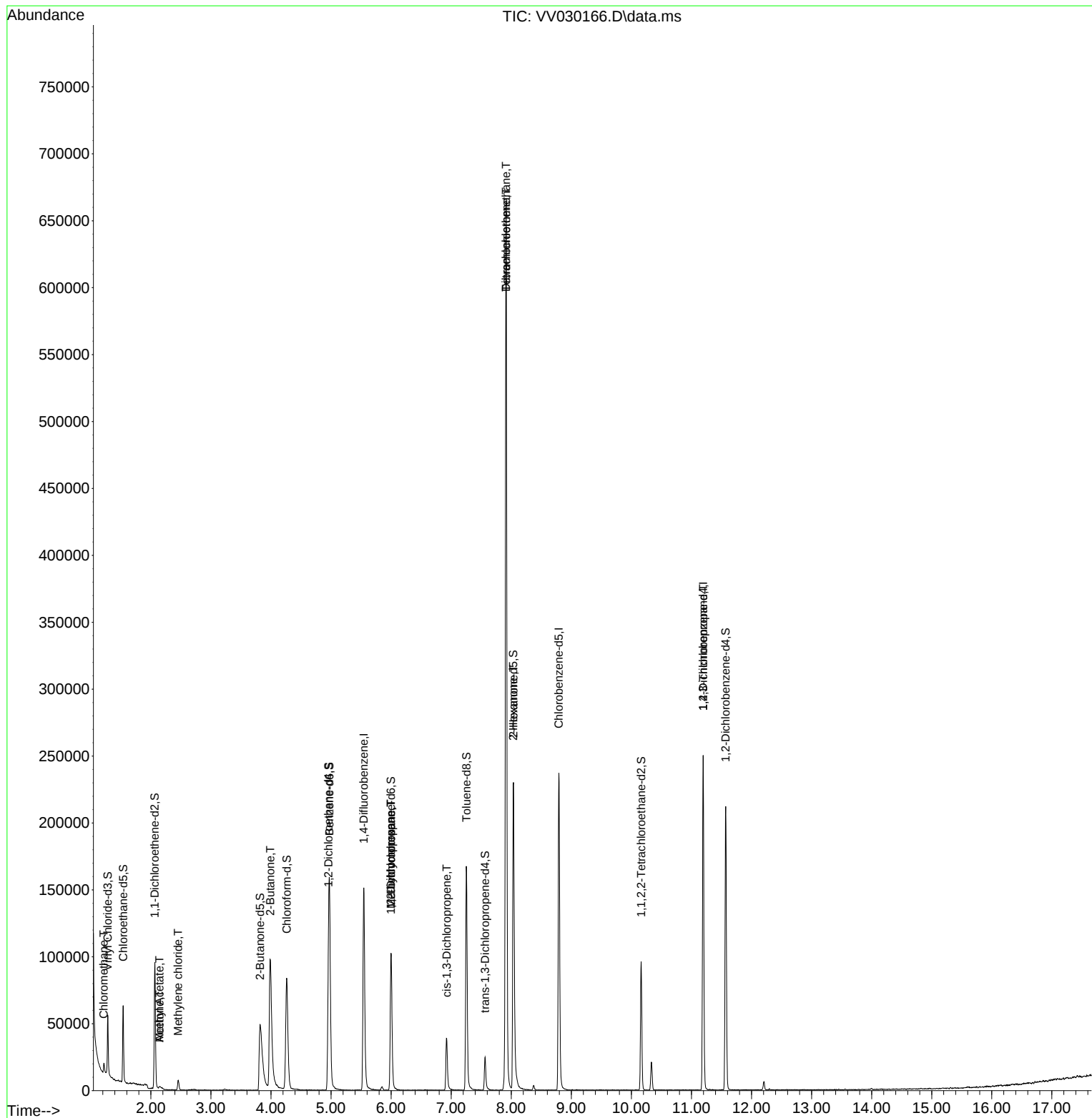
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	138932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	141127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70935	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	29249	3.254	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.539	69	36011	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.066	63	49345	2.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.818	46	96245	58.069	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%
24) Chloroform-d	4.262	84	93610	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.957	65	41669	5.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.973	84	155276	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.998	67	54927	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.252	98	120944	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.564	79	16852	4.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.034	63	91250	56.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.860%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46893	5.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	59763	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	5071	0.285	ug/L	96
13) Acetone	2.143	43	2482	2.026	ug/L #	60
15) Methyl Acetate	2.143	43	2482	0.868	ug/L #	50
16) Methylene chloride	2.455	84	3346	0.294	ug/L	89
21) 2-Butanone	3.989	43	166156	100.854	ug/L #	44
35) Methylcyclohexane	5.998	83	13310	0.814	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	5538	0.565	ug/L #	87
39) cis-1,3-Dichloropropene	6.928	75	963	0.067	ug/L #	60
47) Tetrachloroethene	7.915	164	160514	17.315	ug/L	99
48) 2-Hexanone	8.037	43	10224	3.530	ug/L #	64
49) Dibromochloromethane	7.915	129	140008	17.053	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6868	1.447	ug/L #	65

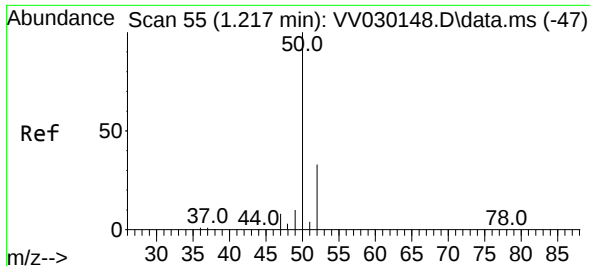
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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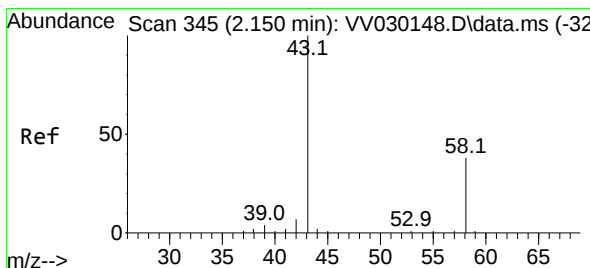
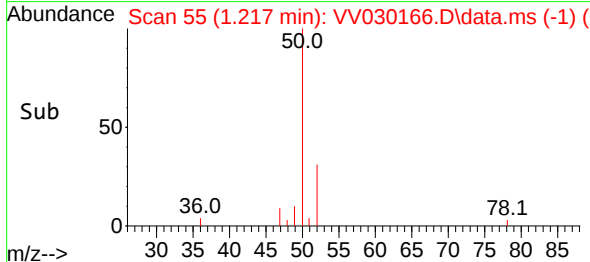
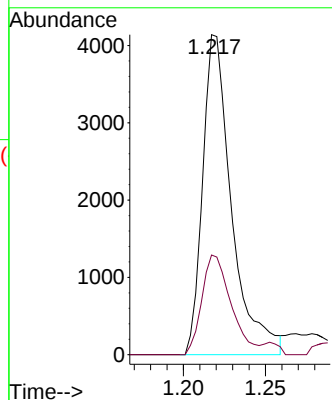
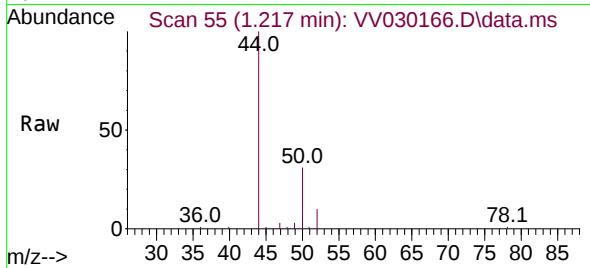




#3
Chloromethane
Concen: 0.285 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

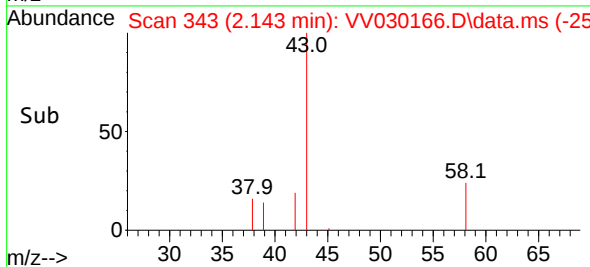
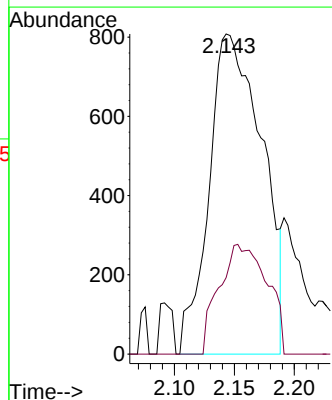
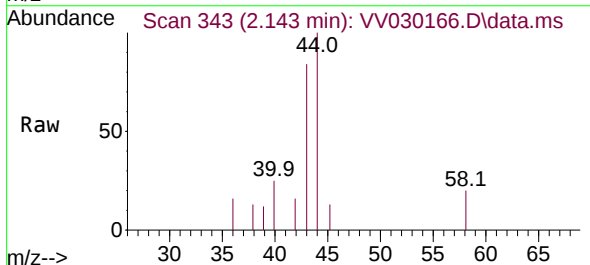
Instrument :
MSVOA_V
ClientSampleId :
C0BD3

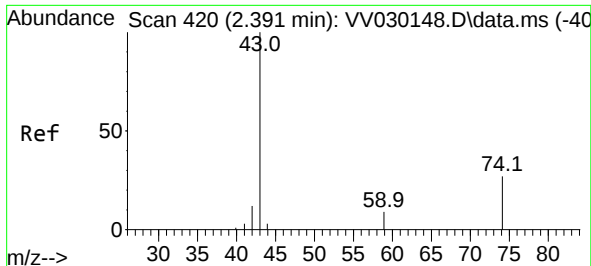
Tgt Ion: 50 Resp: 5071
Ion Ratio Lower Upper
50 100
52 31.2 23.6 43.8



#13
Acetone
Concen: 2.026 ug/L
RT: 2.143 min Scan# 343
Delta R.T. -0.006 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

Tgt Ion: 43 Resp: 2482
Ion Ratio Lower Upper
43 100
58 31.0 0.0 29.4#

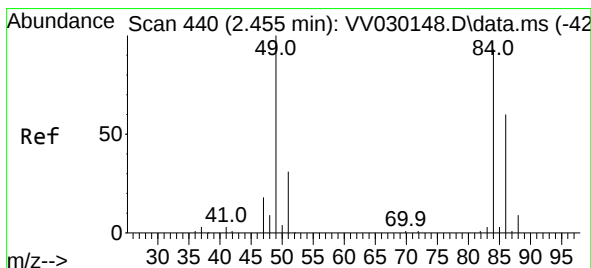
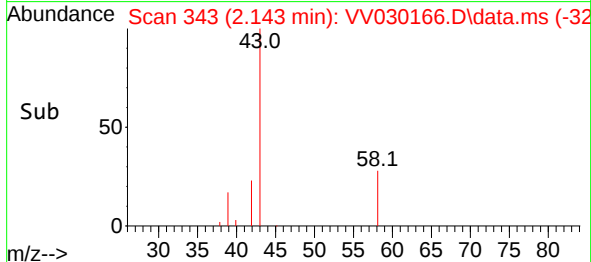
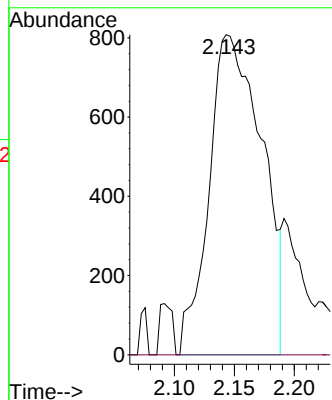
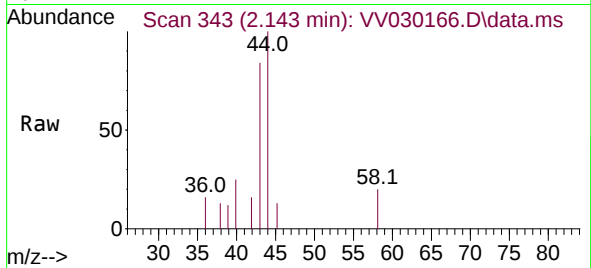




#15
Methyl Acetate
Concen: 0.868 ug/L
RT: 2.143 min Scan# 341
Delta R.T. -0.248 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

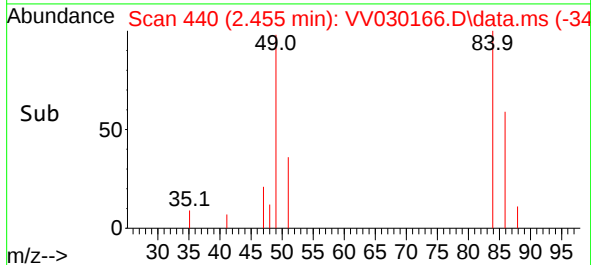
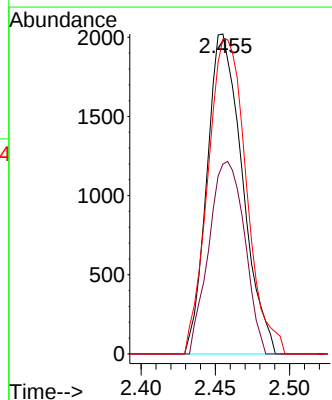
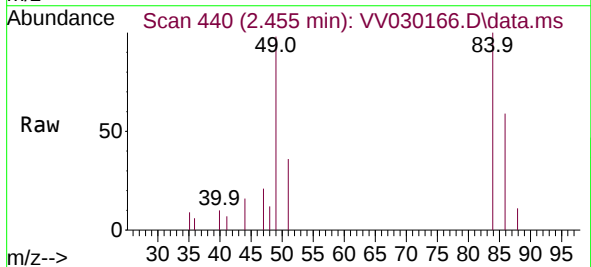
Instrument :
MSVOA_V
ClientSampleId :
C0BD3

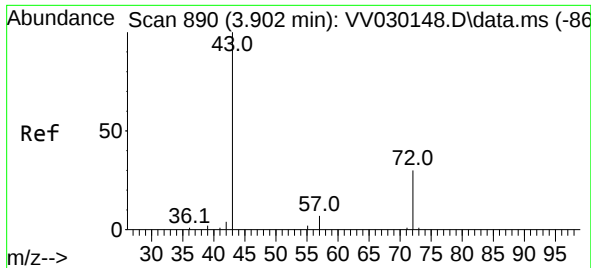
Tgt Ion: 43 Resp: 2482
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#16
Methylene chloride
Concen: 0.294 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

Tgt Ion: 84 Resp: 3346
Ion Ratio Lower Upper
84 100
86 59.3 44.7 83.1
49 98.4 78.8 146.3

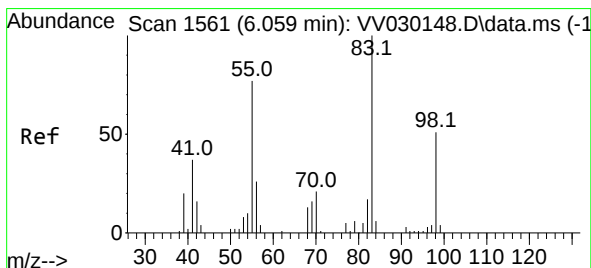
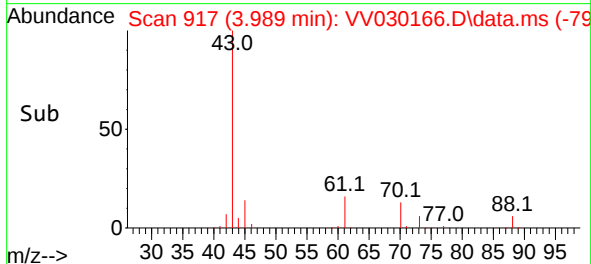
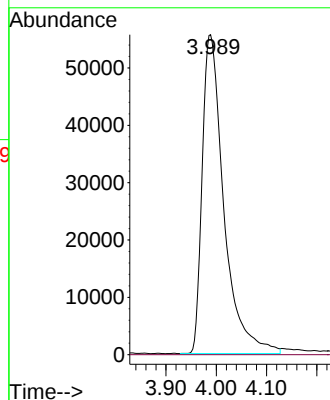
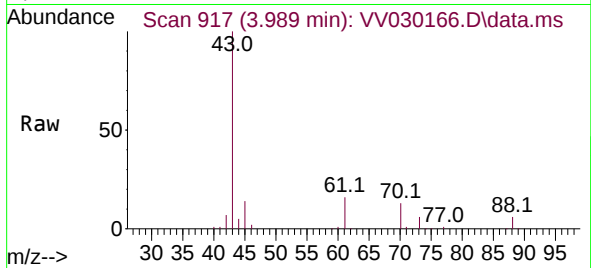




#21
2-Butanone
Concen: 100.854 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.087 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

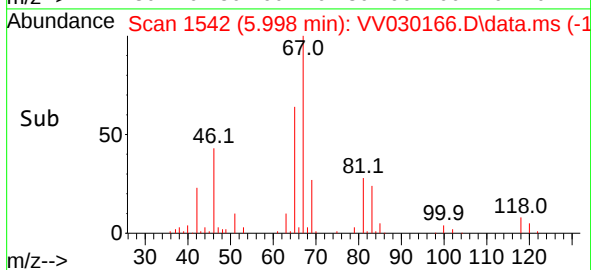
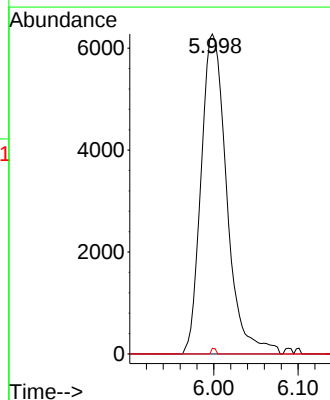
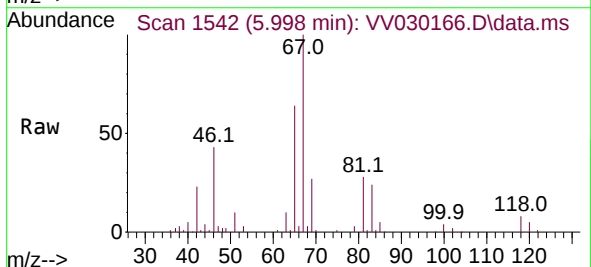
Instrument :
MSVOA_V
ClientSampleId :
C0BD3

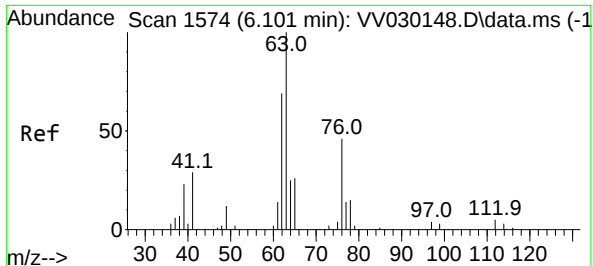
Tgt Ion: 43 Resp: 166156
Ion Ratio Lower Upper
43 100
72 0.0 15.1 45.3#



#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

Tgt Ion: 83 Resp: 13310
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.3 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030166.D

Acq: 10 Mar 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

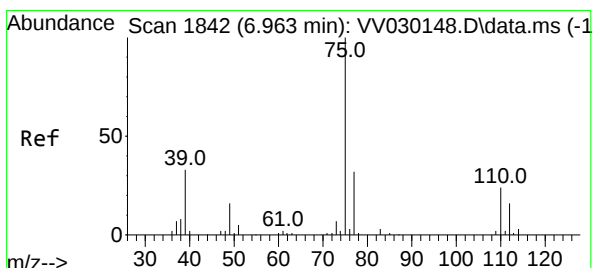
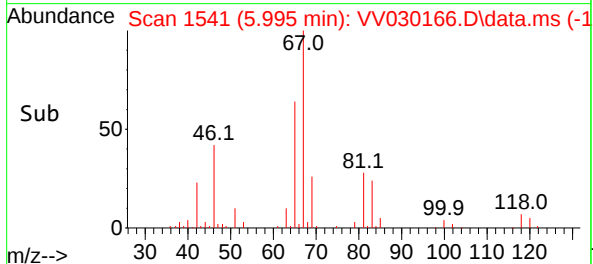
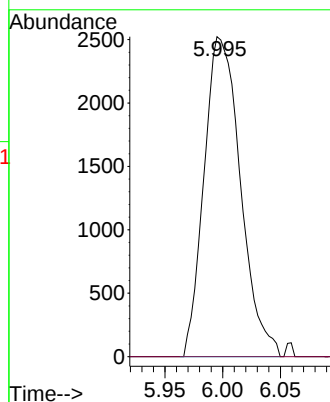
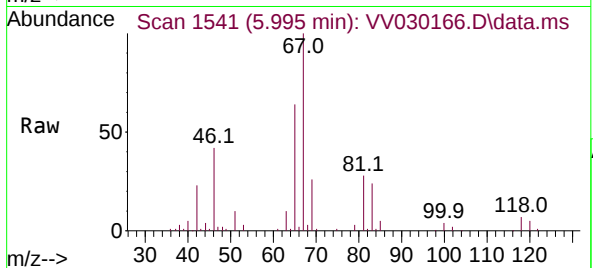
C0BD3

Tgt Ion: 63 Resp: 5538

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.928 min Scan# 1831

Delta R.T. -0.035 min

Lab File: VV030166.D

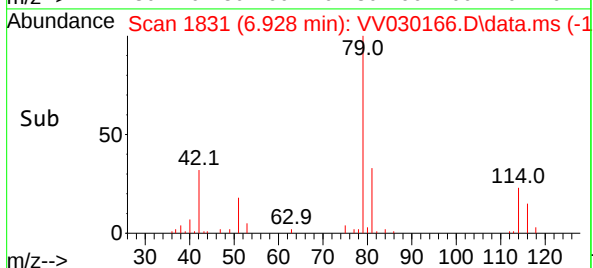
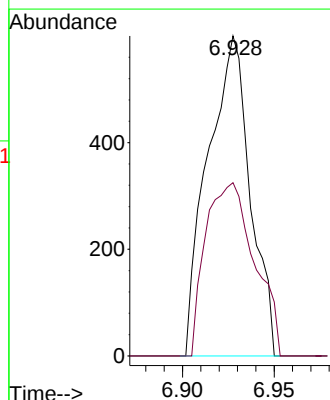
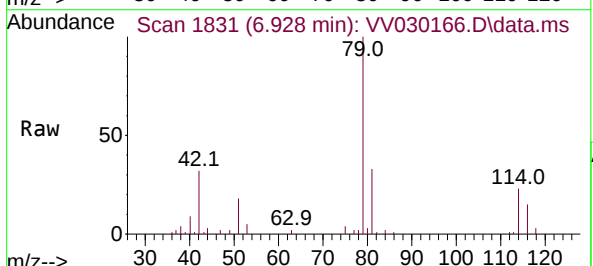
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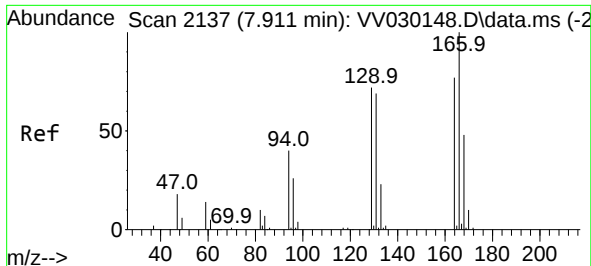
Tgt Ion: 75 Resp: 963

Ion Ratio Lower Upper

75 100

77 54.2 22.3 41.3#

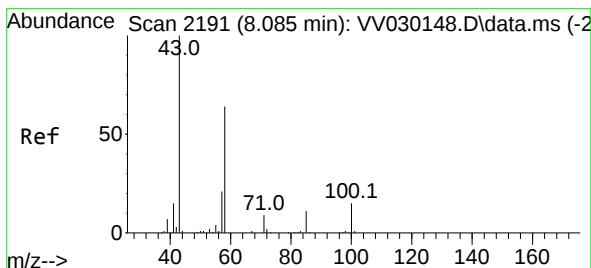
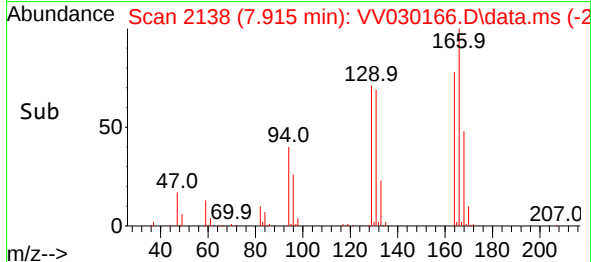
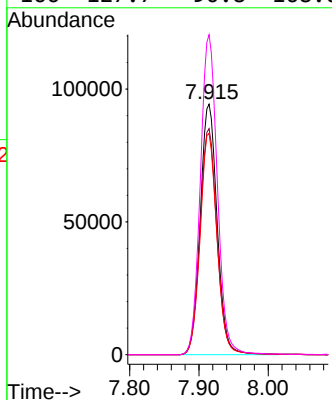
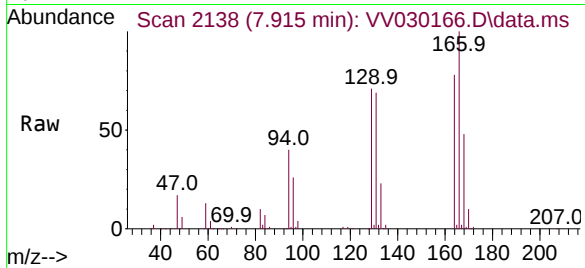




#47
Tetrachloroethene
Concen: 17.315 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

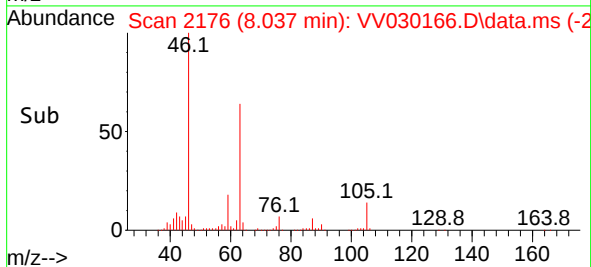
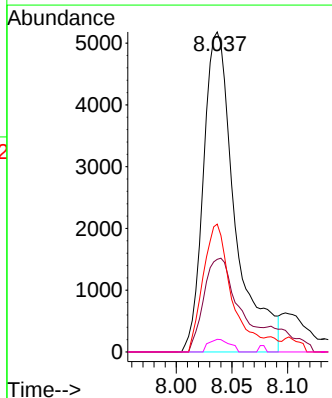
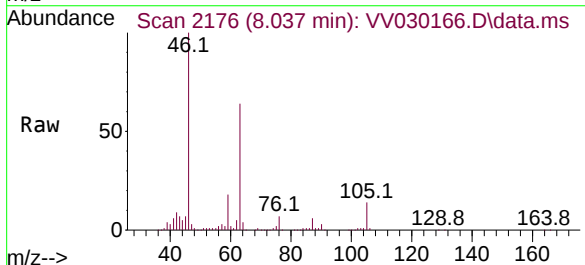
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C0BD3

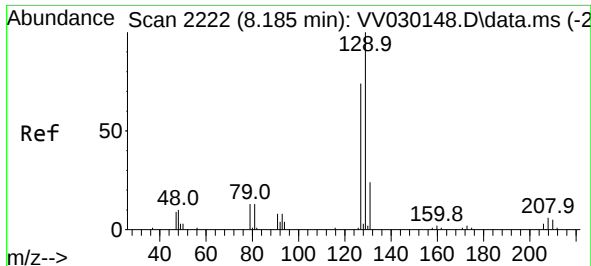
Tgt Ion:164	Resp:	160514
Ion	Ratio	Lower Upper
164	100	
129	90.3	63.6 118.2
131	88.3	61.7 114.7
166	127.7	90.8 168.6



#48
2-Hexanone
Concen: 3.530 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.048 min
Lab File: VV030166.D
Acq: 10 Mar 2023 19:41

Tgt Ion: 43	Resp:	10224
Ion	Ratio	Lower Upper
43	100	
58	32.6	49.8 74.8#
57	36.3	16.6 24.8#
100	2.6	11.5 17.3#





#49

Dibromochloromethane

Concen: 17.053 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030166.D

Acq: 10 Mar 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

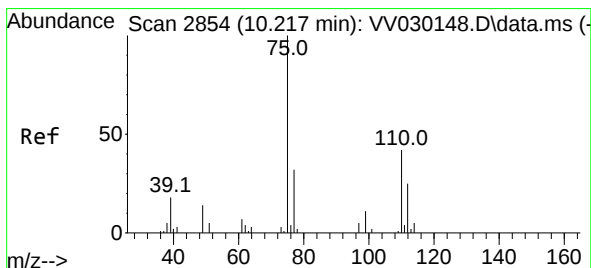
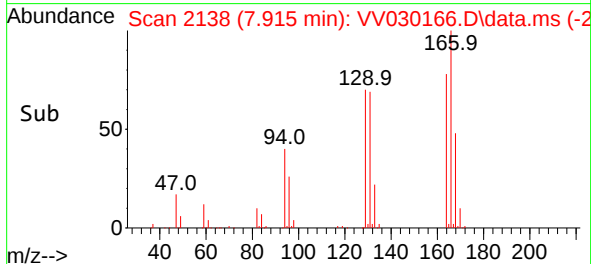
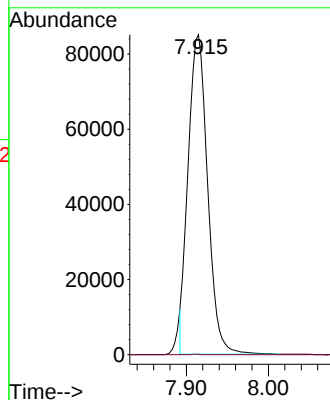
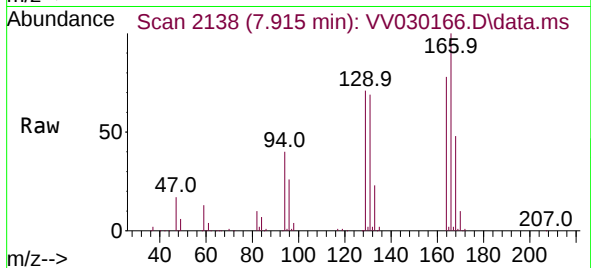
C0BD3

Tgt Ion:129 Resp: 140008

Ion Ratio Lower Upper

129 100

127 0.1 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.447 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030166.D

Acq: 10 Mar 2023 19:41

Tgt Ion: 75 Resp: 6868

Ion Ratio Lower Upper

75 100

77 33.7 26.5 39.7

110 0.6 31.8 47.6#

