

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031323\
 Data File : VW030177.D
 Acq On : 13 Mar 2023 15:29
 Operator : SY/MD
 Sample : 01868-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD2

Quant Time: Mar 14 03:46:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 14 03:44:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

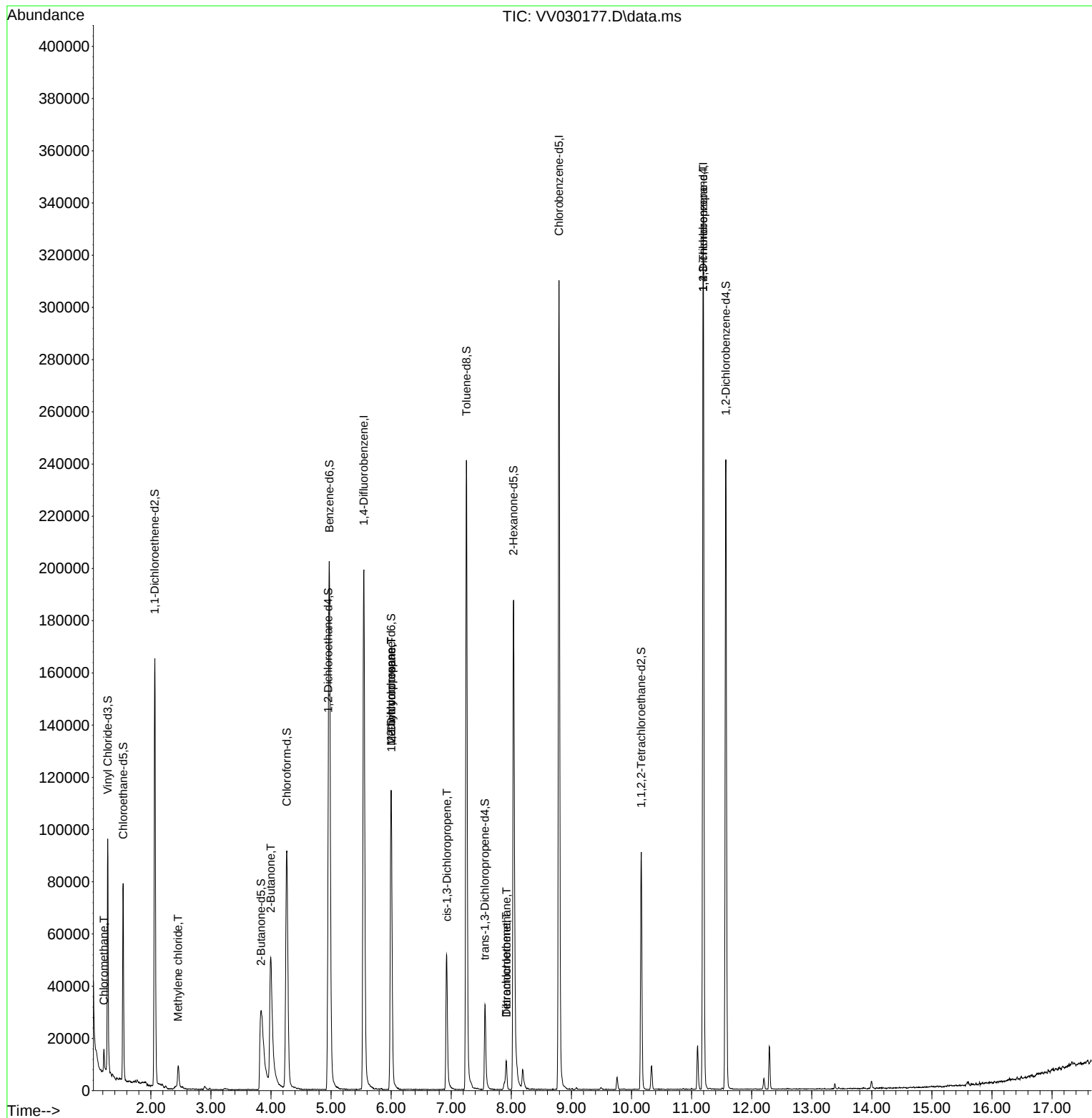
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	185329	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	183133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59418	4.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.539	69	50136	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.066	63	85763	3.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.834	46	80927	36.603	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.200%
24) Chloroform-d	4.262	84	103969	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	4.953	65	45987	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.973	84	200172	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.998	67	61742	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.252	98	173036	3.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.561	79	21208	4.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.037	63	77247	36.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.620%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44976	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	68330	4.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	6302	0.265	ug/L	100
16) Methylene chloride	2.455	84	3438	0.226	ug/L	97
21) 2-Butanone	3.995	43	97113	44.189	ug/L #	44
35) Methylcyclohexane	5.998	83	14880	0.702	ug/L #	20
37) 1,2-Dichloropropane	6.002	63	6255	0.492	ug/L #	86
39) cis-1,3-Dichloropropene	6.928	75	1401	0.075	ug/L #	56
47) Tetrachloroethene	7.915	164	2660	0.221	ug/L	97
49) Dibromochloromethane	7.918	129	2539	0.238	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	9643	1.500	ug/L #	66

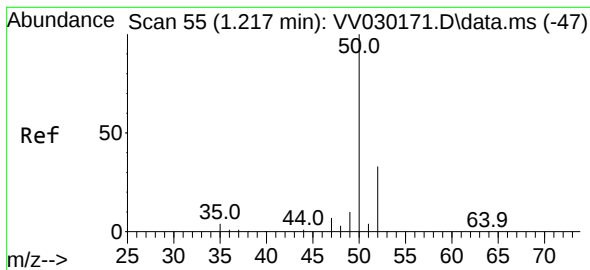
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.265 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030177.D

Acq: 13 Mar 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :

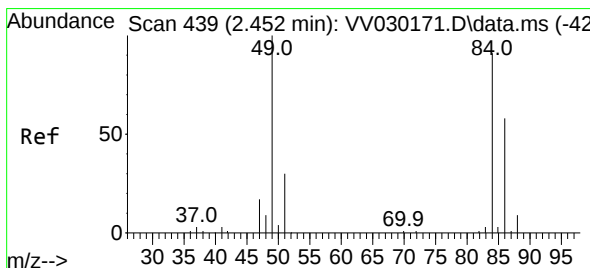
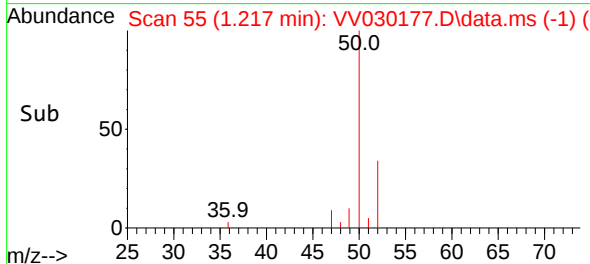
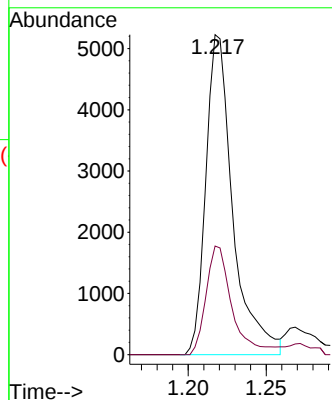
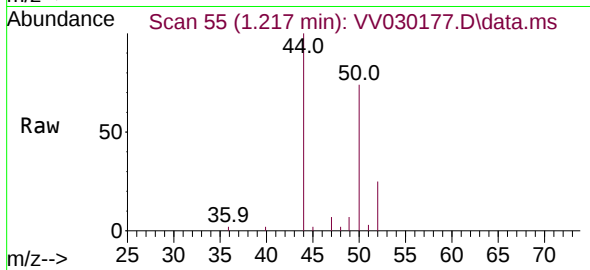
C0BD2

Tgt Ion: 50 Resp: 6302

Ion Ratio Lower Upper

50 100

52 34.0 23.6 43.8



#16

Methylene chloride

Concen: 0.226 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030177.D

Acq: 13 Mar 2023 15:29

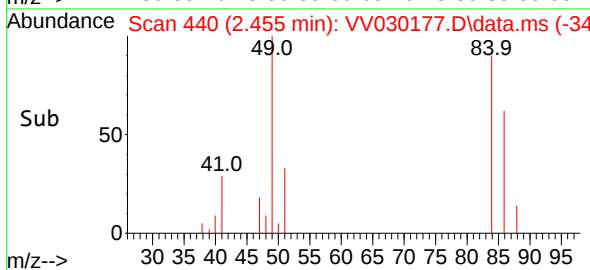
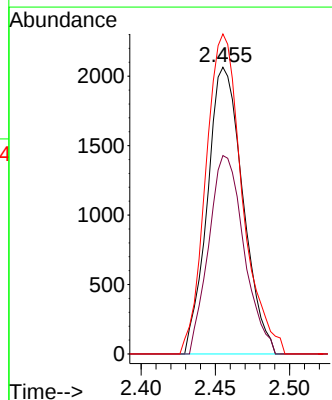
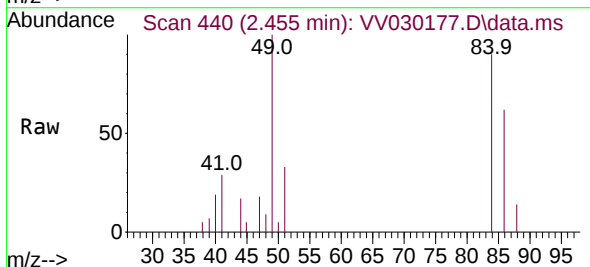
Tgt Ion: 84 Resp: 3438

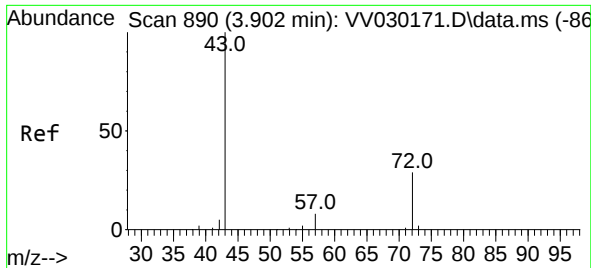
Ion Ratio Lower Upper

84 100

86 69.2 44.7 83.1

49 111.6 78.8 146.3

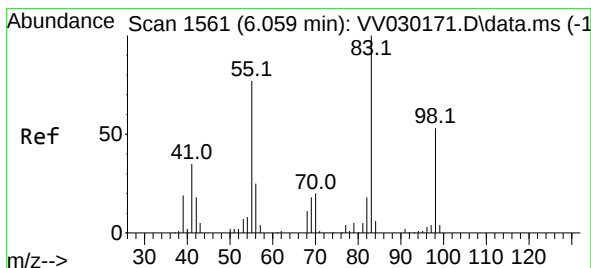
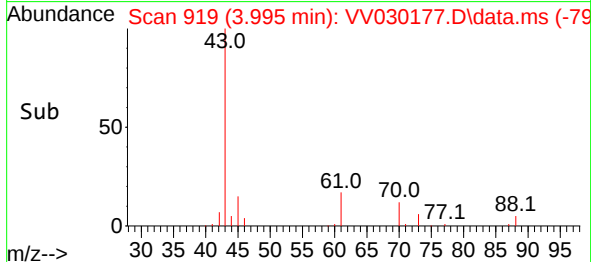
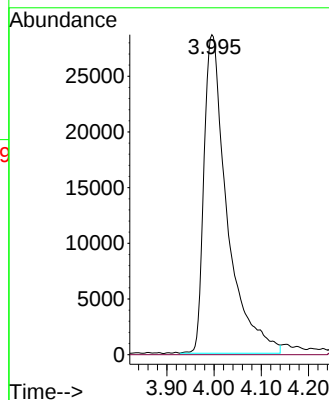
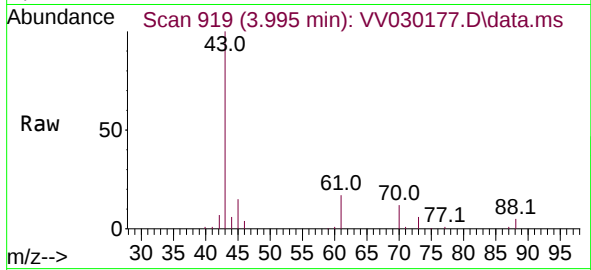




#21
2-Butanone
Concen: 44.189 ug/L
RT: 3.995 min Scan# 91
Delta R.T. 0.093 min
Lab File: VV030177.D
Acq: 13 Mar 2023 15:29

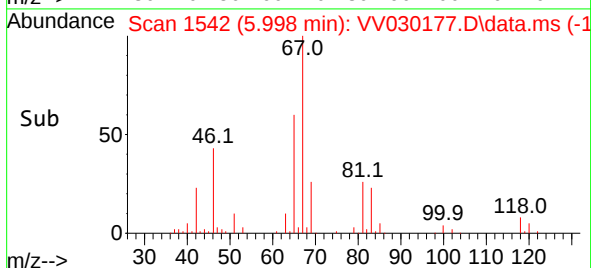
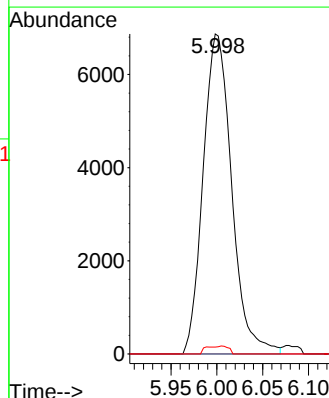
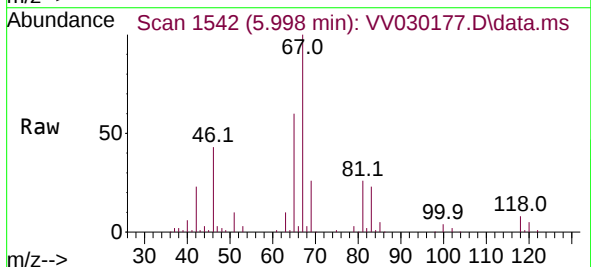
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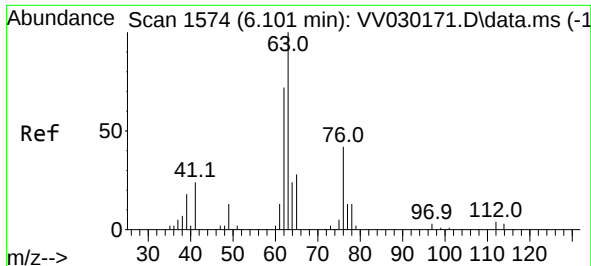
Tgt Ion: 43 Resp: 97113
Ion Ratio Lower Upper
43 100
72 0.0 15.1 45.3#



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030177.D
Acq: 13 Mar 2023 15:29

Tgt Ion: 83 Resp: 14880
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 1.0 38.8 58.2#

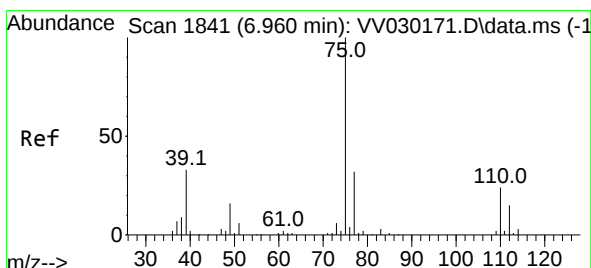
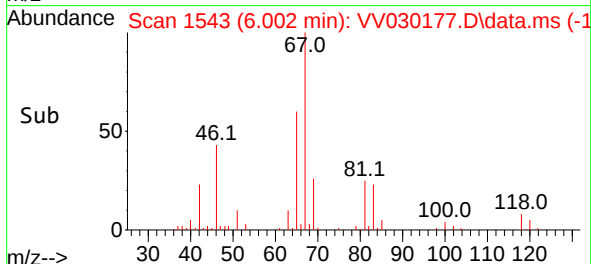
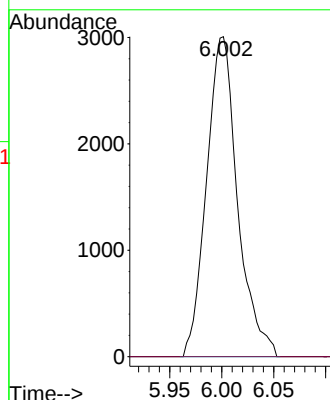
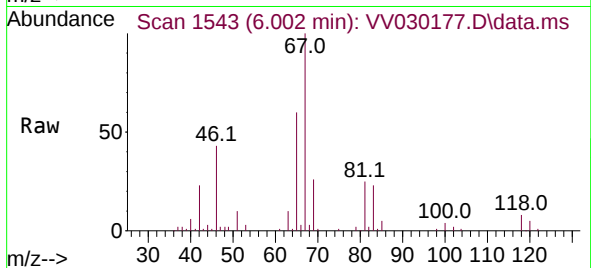




#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.002 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV030177.D
Acq: 13 Mar 2023 15:29

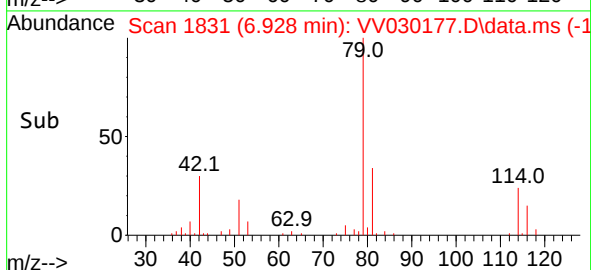
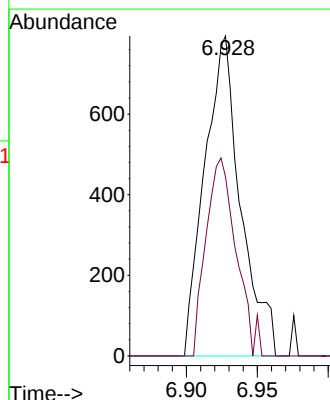
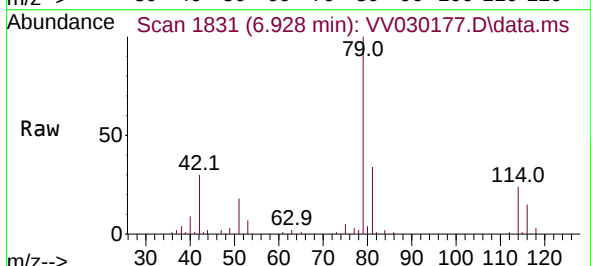
Instrument :
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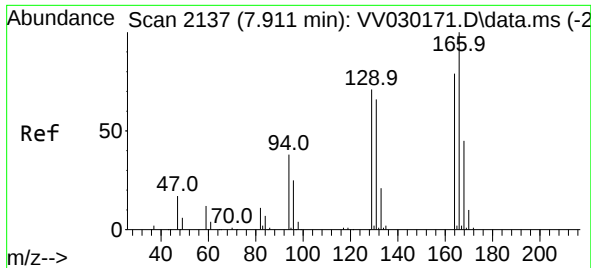
Tgt Ion: 63 Resp: 6255
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 6.928 min Scan# 1831
Delta R.T. -0.032 min
Lab File: VV030177.D
Acq: 13 Mar 2023 15:29

Tgt Ion: 75 Resp: 1401
Ion Ratio Lower Upper
75 100
77 56.0 22.3 41.3#

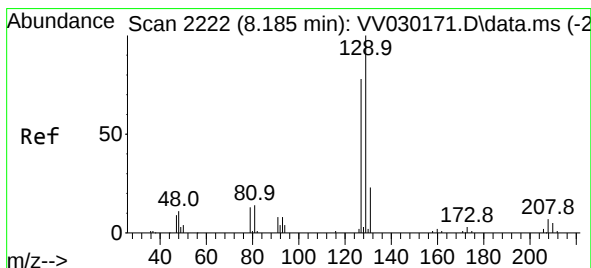
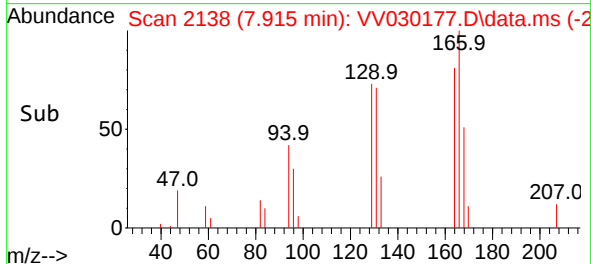
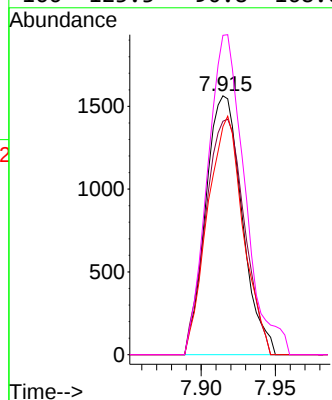
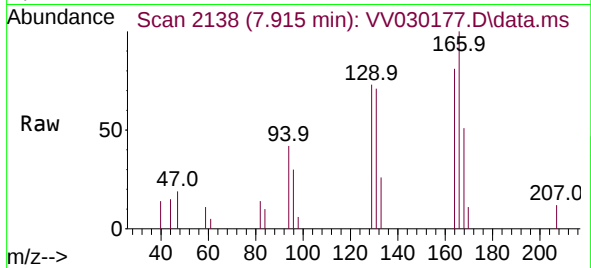




#47
Tetrachloroethene
Concen: 0.221 ug/L
RT: 7.915 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VV030177.D
Acq: 13 Mar 2023 15:29

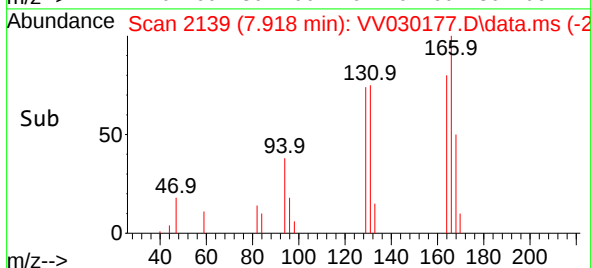
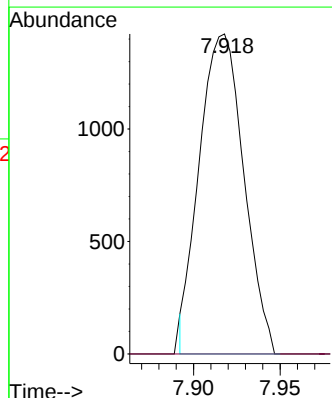
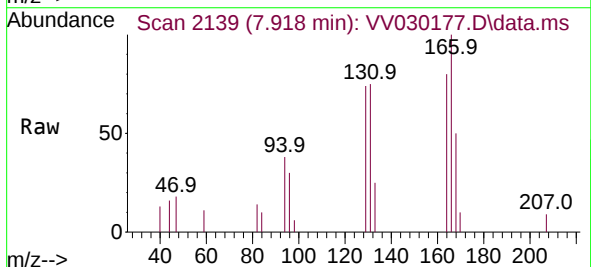
Instrument :
MSVOA_V
ClientSampleId :
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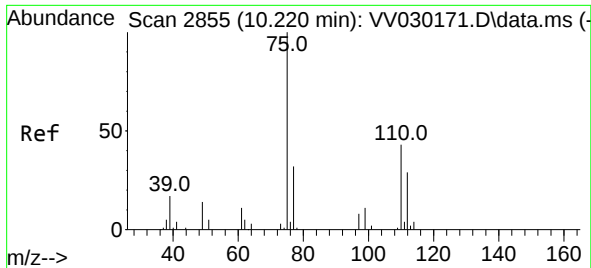
Tgt Ion:164 Resp: 2660
Ion Ratio Lower Upper
164 100
129 90.2 63.6 118.2
131 88.0 61.7 114.7
166 123.3 90.8 168.6



#49
Dibromochloromethane
Concen: 0.238 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. -0.267 min
Lab File: VV030177.D
Acq: 13 Mar 2023 15:29

Tgt Ion:129 Resp: 2539
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV030177.D

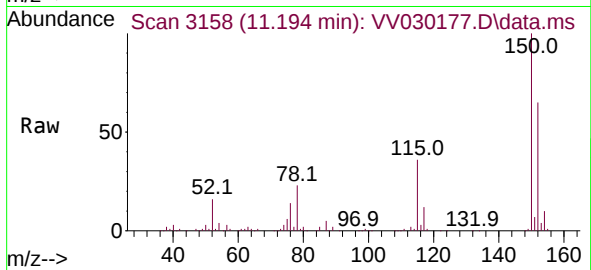
Acq: 13 Mar 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :

C0BD2



Tgt Ion: 75 Resp: 9643

Ion Ratio Lower Upper

75 100

77 33.9 26.5 39.7

110 1.8 31.8 47.6#

