

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031723\
 Data File : VW030238.D
 Acq On : 17 Mar 2023 16:12
 Operator : SY/MD
 Sample : 01996-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 22:59:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

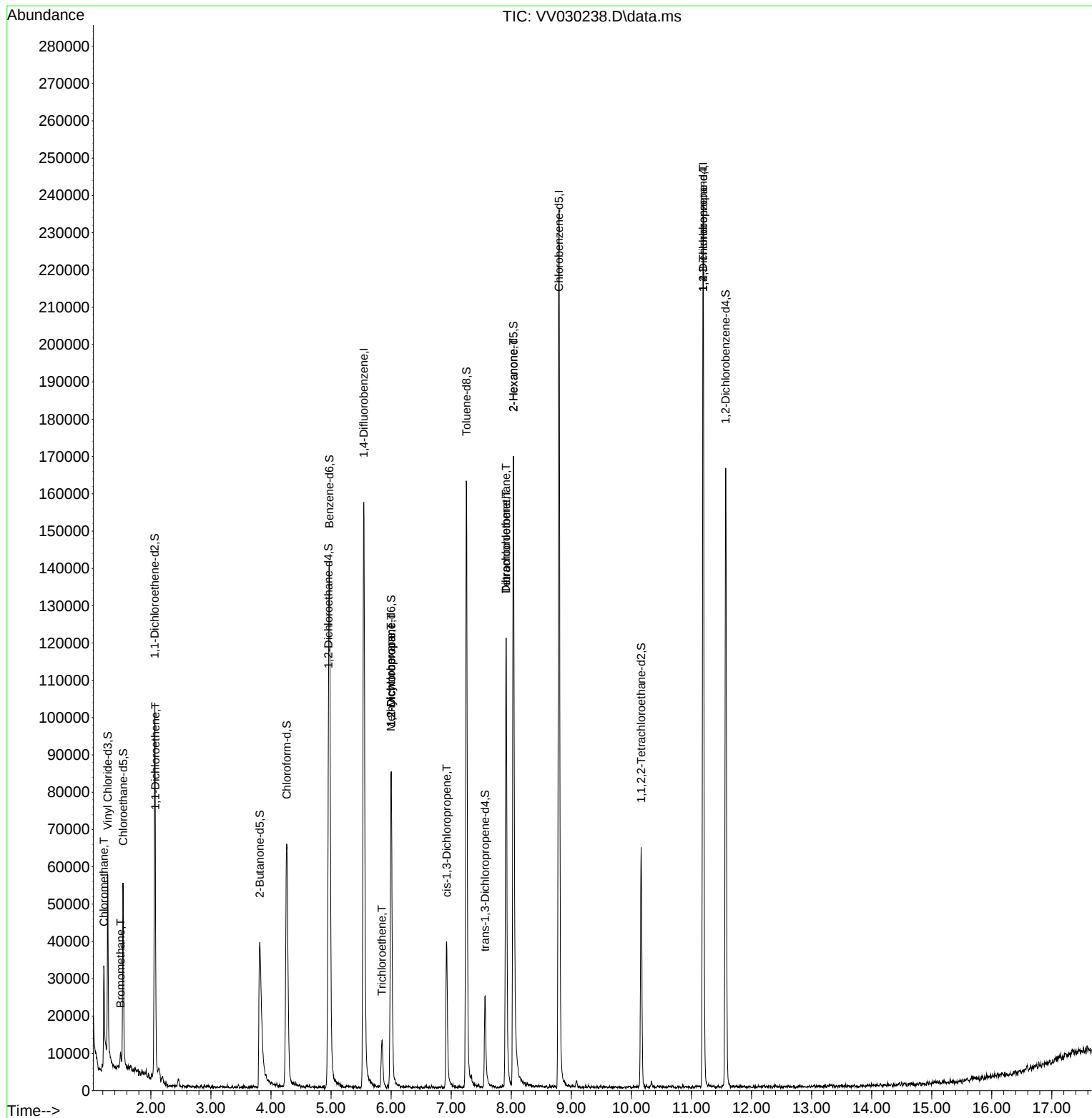
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	131152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	31279	3.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.539	69	29822	3.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.066	63	52151	2.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.815	46	77320	47.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.920%
24) Chloroform-d	4.262	84	70406	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	4.956	65	35256	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.973	84	124771	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.001	67	38098	3.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.252	98	107994	3.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	7.564	79	14742	4.059	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.037	63	59273	39.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.880%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29204	3.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	42144	4.007	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
3) Chloromethane	1.220	50	24734	1.428	ug/L	94
6) Bromomethane	1.497	94	1633	0.790	ug/L	95
12) 1,1-Dichloroethene	2.076	96	1908	0.210	ug/L #	1
34) Trichloroethene	5.847	95	4401	0.438	ug/L	95
35) Methylcyclohexane	5.998	83	10568	0.696	ug/L #	20
37) 1,2-Dichloropropane	6.001	63	4937	0.542	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	969	0.073	ug/L #	60
47) Tetrachloroethene	7.915	164	27669	3.212	ug/L	97
48) 2-Hexanone	8.037	43	8010	2.976	ug/L #	61
49) Dibromochloromethane	7.915	129	24299	3.185	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7234	1.739	ug/L #	68

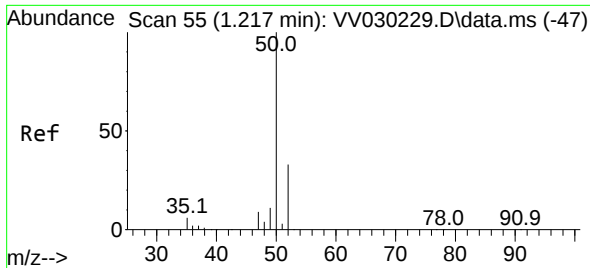
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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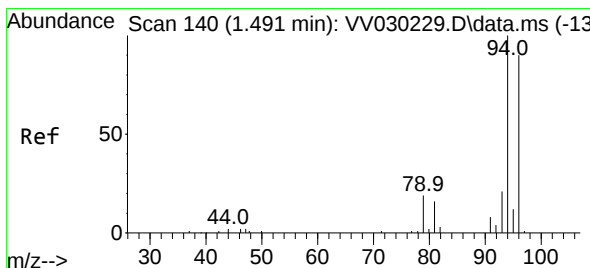
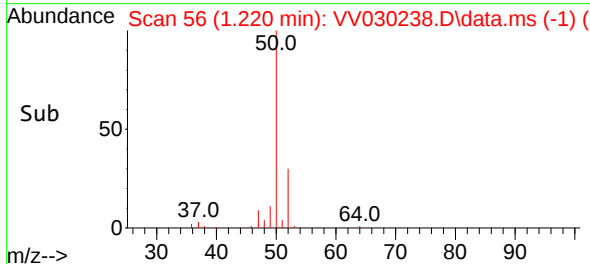
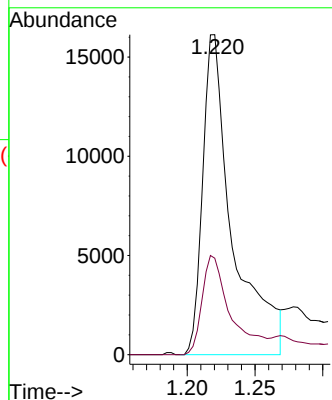
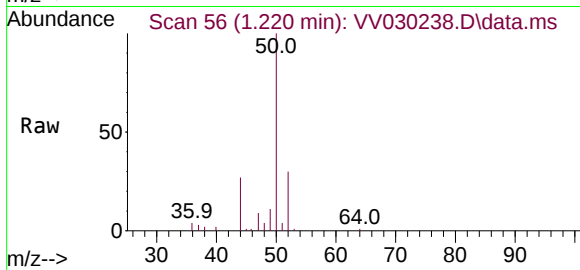




#3
Chloromethane
Concen: 1.428 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

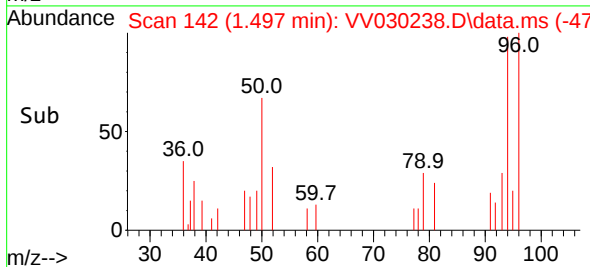
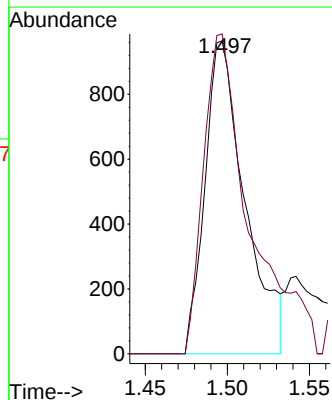
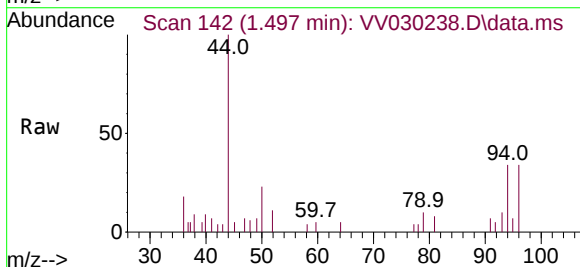
Instrument :
MSVOA_V
ClientSampleId :

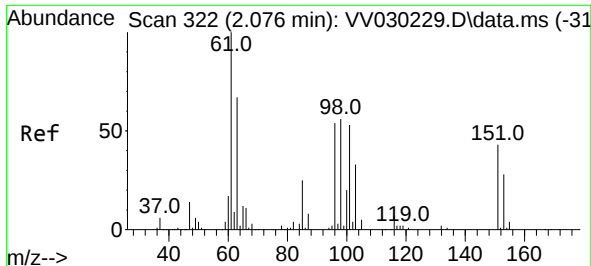
Tgt Ion: 50 Resp: 24734
Ion Ratio Lower Upper
50 100
52 30.1 23.6 43.8



#6
Bromomethane
Concen: 0.790 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

Tgt Ion: 94 Resp: 1633
Ion Ratio Lower Upper
94 100
96 102.2 68.4 127.0

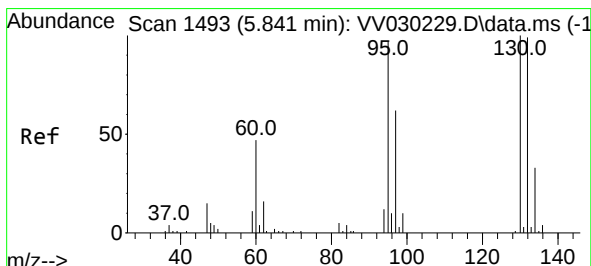
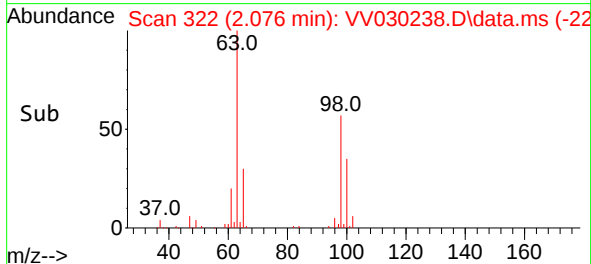
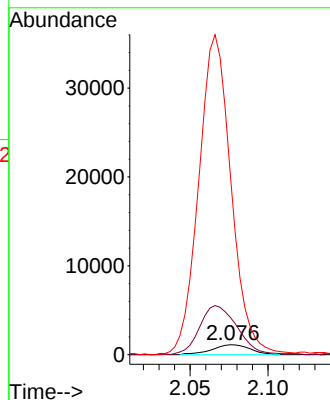
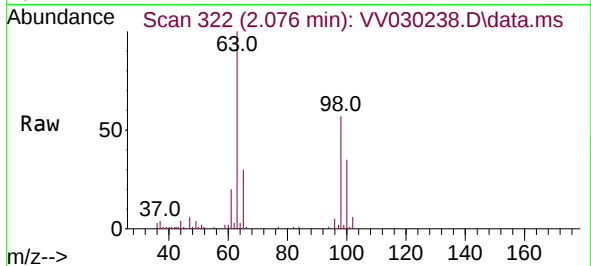




#12
1,1-Dichloroethene
Concen: 0.210 ug/L
RT: 2.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

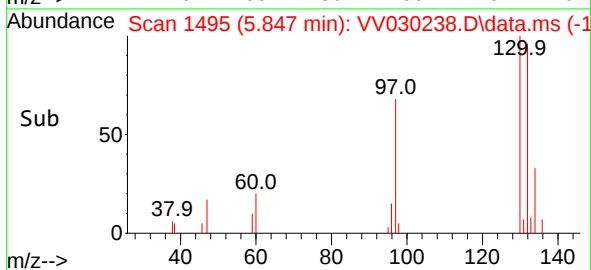
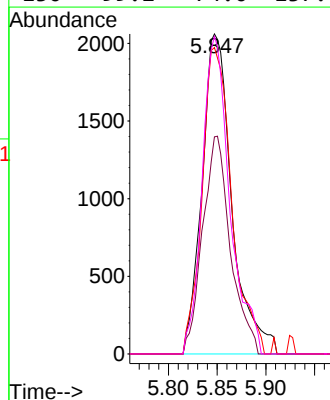
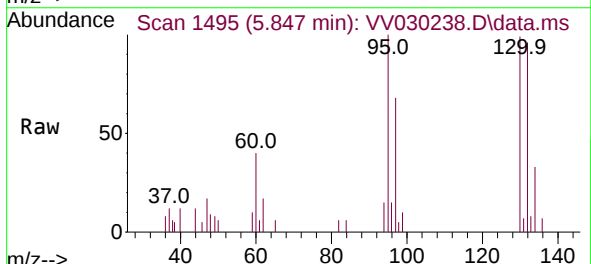
Instrument :
MSVOA_V
ClientSampleId :

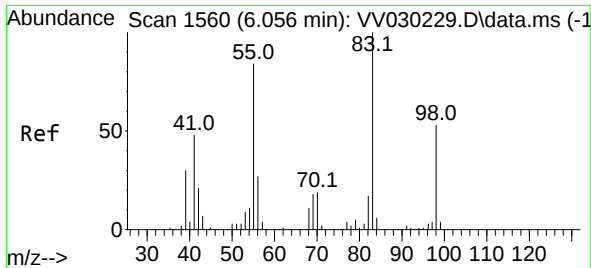
Tgt Ion: 96 Resp: 1908
Ion Ratio Lower Upper
96 100
61 379.9 115.6 214.6#
63 1861.2 85.6 159.0#



#34
Trichloroethene
Concen: 0.438 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

Tgt Ion: 95 Resp: 4401
Ion Ratio Lower Upper
95 100
97 67.8 46.5 86.5
132 95.7 71.7 133.3
130 99.2 74.0 137.4

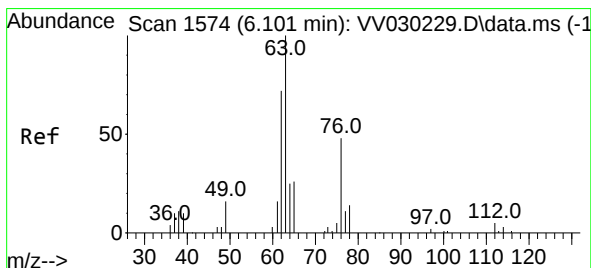
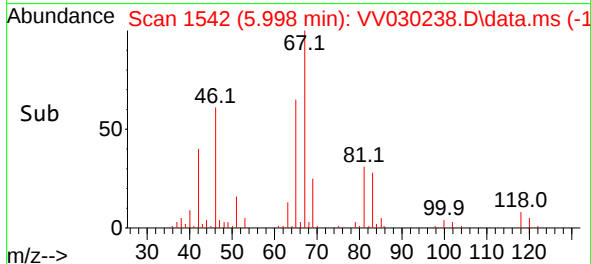
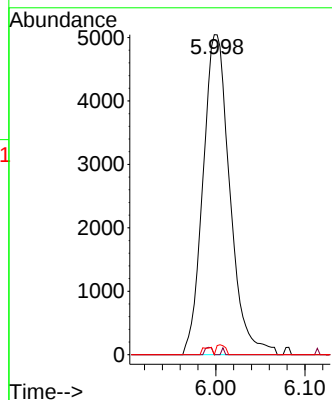
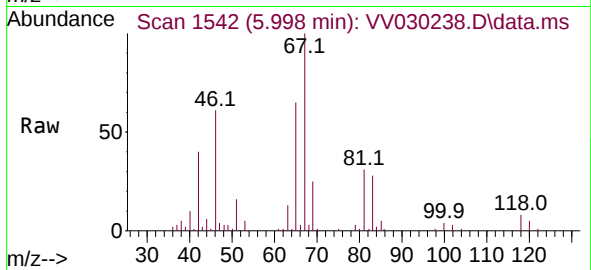




#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

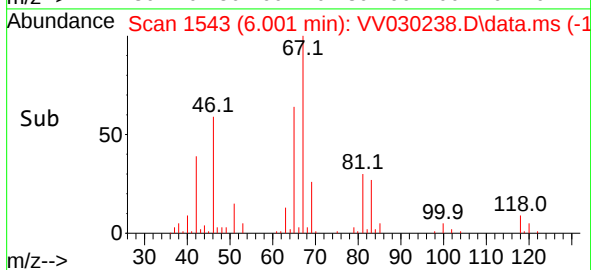
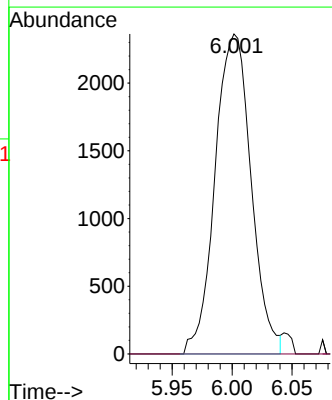
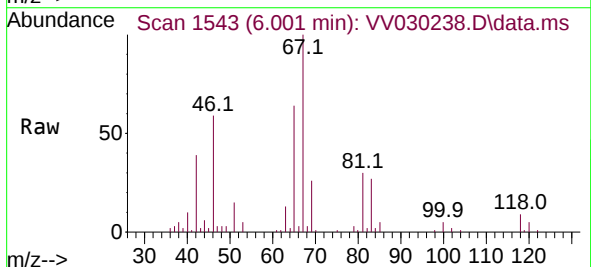
Instrument :
MSVOA_V
ClientSampleId :

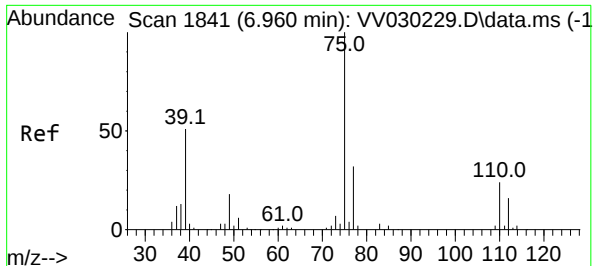
Tgt Ion: 83 Resp: 10568
Ion Ratio Lower Upper
83 100
55 0.6 57.6 86.4#
98 0.8 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.001 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

Tgt Ion: 63 Resp: 4937
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.036 min

Lab File: VV030238.D

Acq: 17 Mar 2023 16:12

Instrument :

MSVOA_V

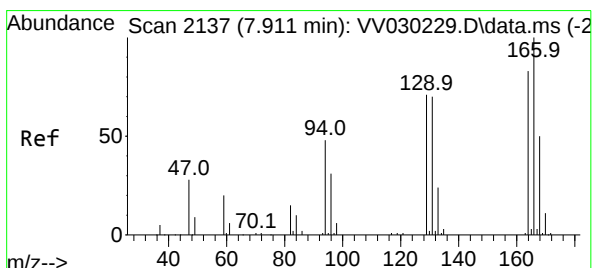
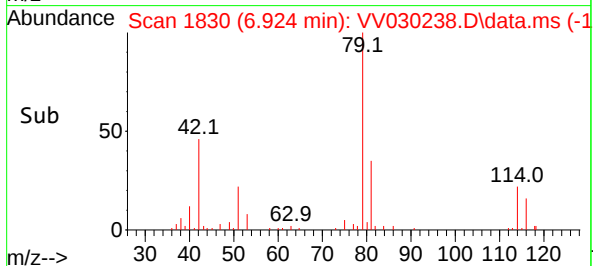
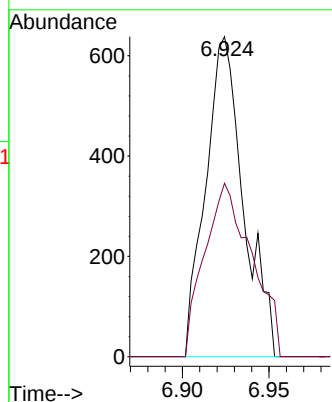
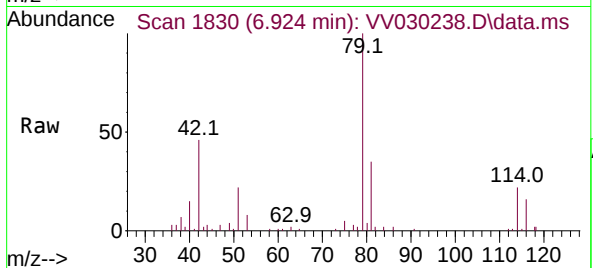
ClientSampleId :

Tgt Ion: 75 Resp: 969

Ion Ratio Lower Upper

75 100

77 54.2 22.3 41.3#



#47

Tetrachloroethene

Concen: 3.212 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030238.D

Acq: 17 Mar 2023 16:12

Tgt Ion: 164 Resp: 27669

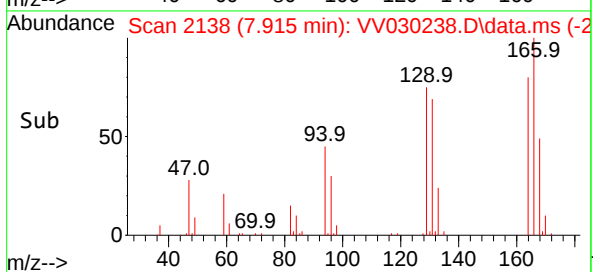
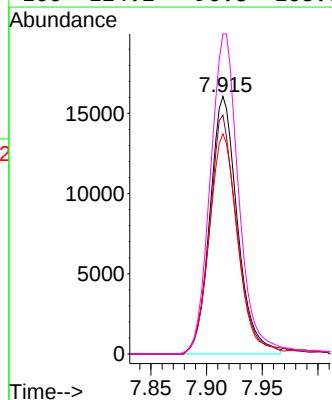
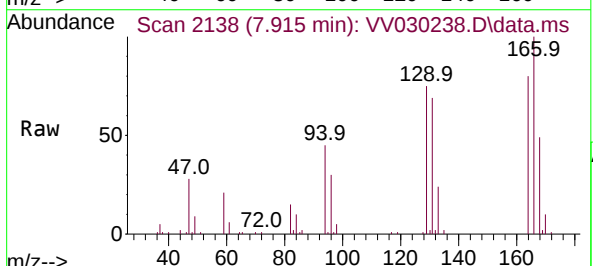
Ion Ratio Lower Upper

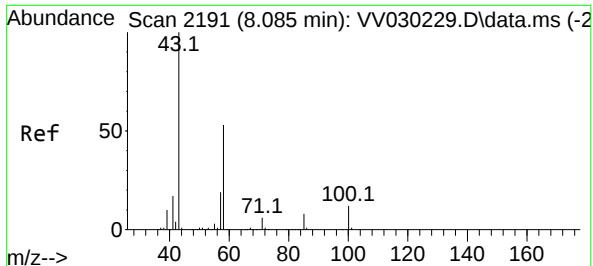
164 100

129 92.8 63.6 118.2

131 85.4 61.7 114.7

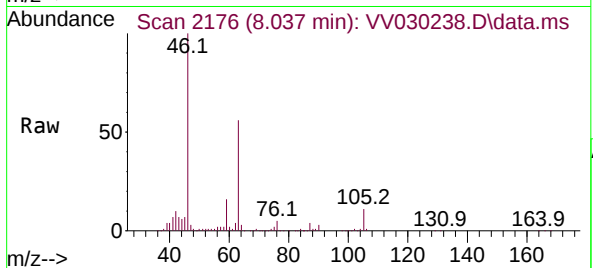
166 124.2 90.8 168.6



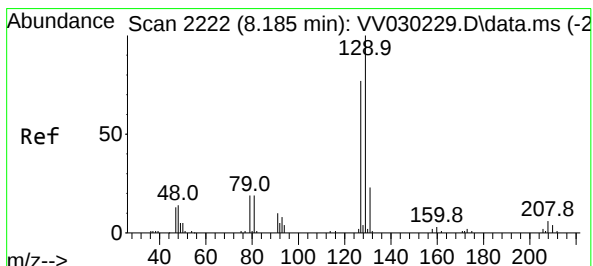
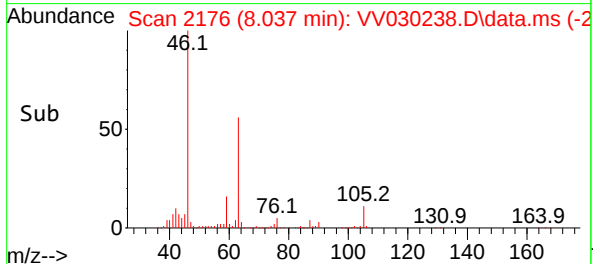
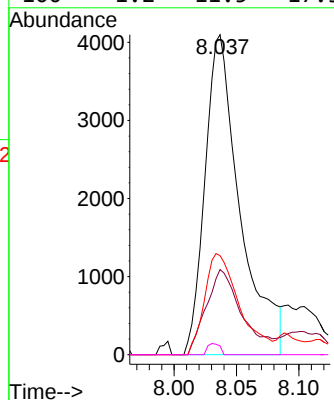


#48
2-Hexanone
Concen: 2.976 ug/L
RT: 8.037 min Scan# 2191
Delta R.T. -0.048 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

Instrument :
MSVOA_V
ClientSampleId :

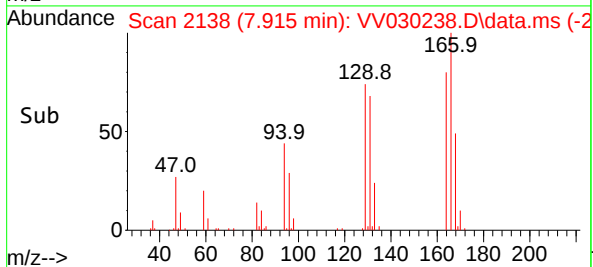
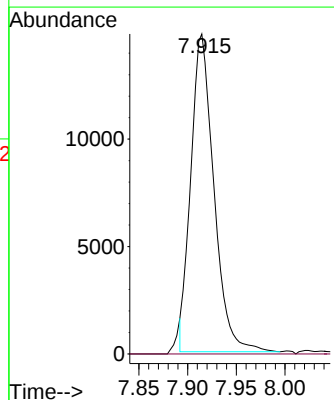
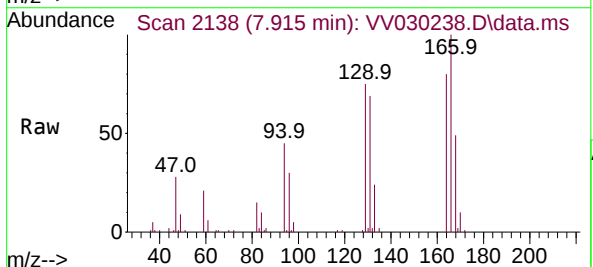


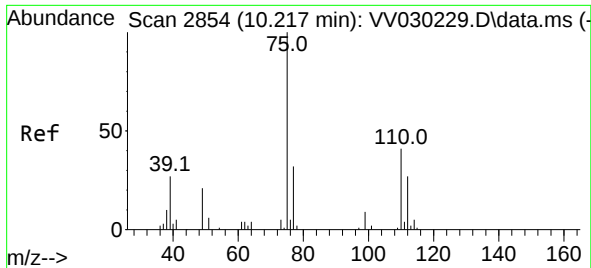
Tgt Ion: 43	Resp: 8010
Ion Ratio	Lower Upper
43 100	
58 27.2	49.8 74.8#
57 31.5	16.6 24.8#
100 1.2	11.5 17.3#



#49
Dibromochloromethane
Concen: 3.185 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030238.D
Acq: 17 Mar 2023 16:12

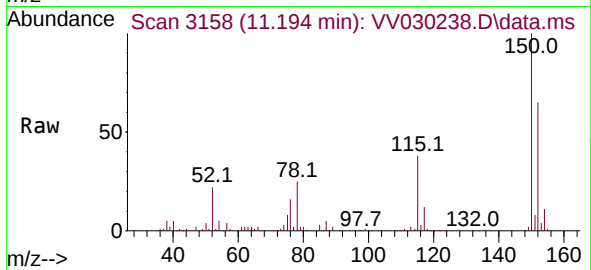
Tgt Ion:129	Resp:	24299	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.739 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030238.D
 Acq: 17 Mar 2023 16:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7234
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.5 39.7
 110 3.7 31.8 47.6#

