

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030400.D
 Acq On : 05 Apr 2023 14:55
 Operator : SY/MD
 Sample : 02194-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW3

Quant Time: Apr 06 05:27:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

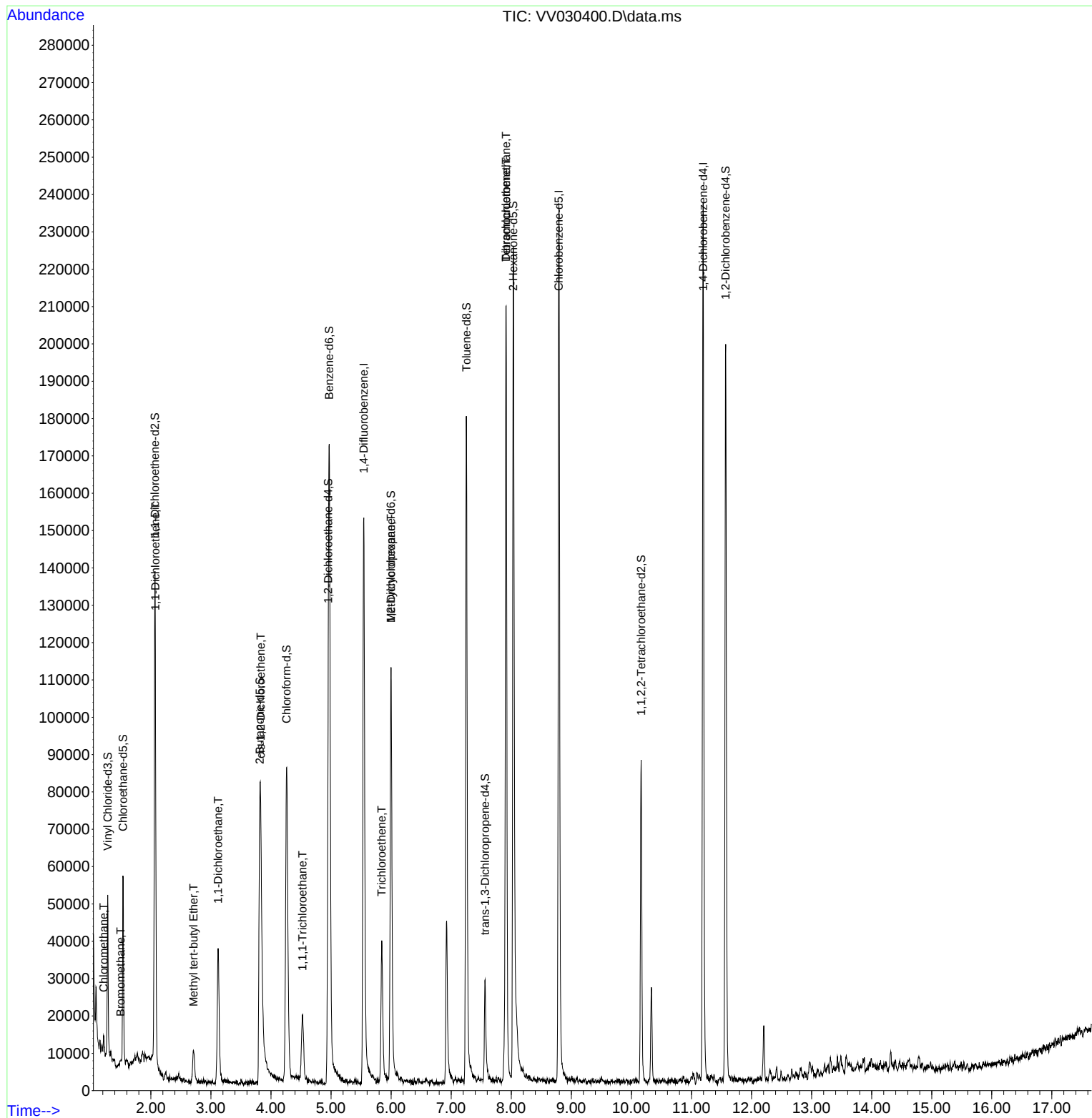
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	133245	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	127176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	24795	2.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.536	69	30947	3.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.066	63	57020	2.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	3.812	46	102244	44.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.640%
24) Chloroform-d	4.259	84	90334	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.953	65	46479	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.970	84	148704	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.998	67	50366	4.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.252	98	119785	3.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.564	79	16451	3.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.034	63	80978	47.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38938	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	50862	4.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
3) Chloromethane	1.217	50	3980	0.186	ug/L	94
6) Bromomethane	1.494	94	522	0.117	ug/L	97
12) 1,1-Dichloroethene	2.076	96	19108	1.716	ug/L #	84
17) Methyl tert-butyl Ether	2.712	73	7442	0.316	ug/L	96
19) 1,1-Dichloroethane	3.121	63	34438	1.515	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	20279	1.723	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	14047	0.687	ug/L	95
34) Trichloroethene	5.844	95	13118	1.077	ug/L	93
35) Methylcyclohexane	5.998	83	13155	0.688	ug/L #	17
47) Tetrachloroethene	7.915	164	47821	4.448	ug/L	96
49) Dibromochloromethane	7.915	129	41466	4.266	ug/L #	12

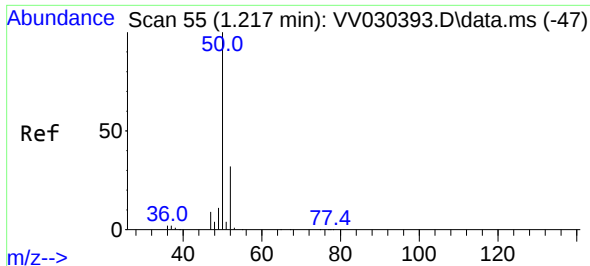
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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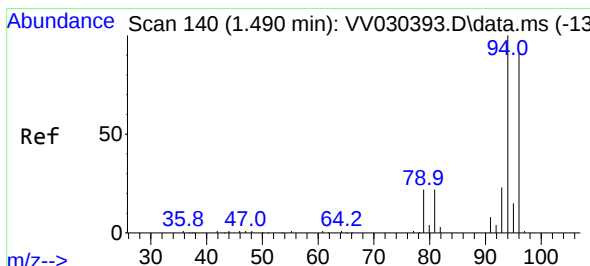
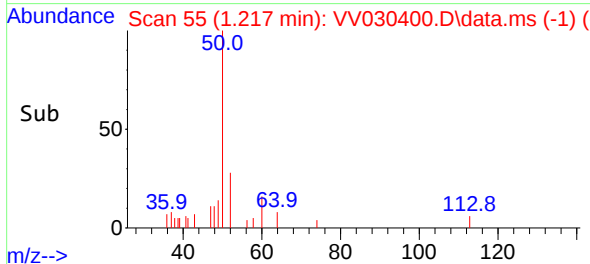
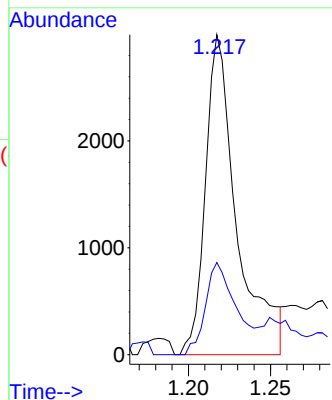
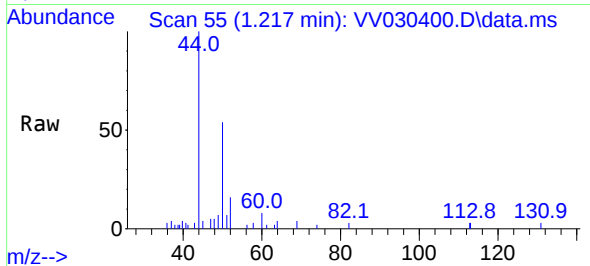




#3
Chloromethane
Concen: 0.186 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030400.D
Acq: 05 Apr 2023 14:55

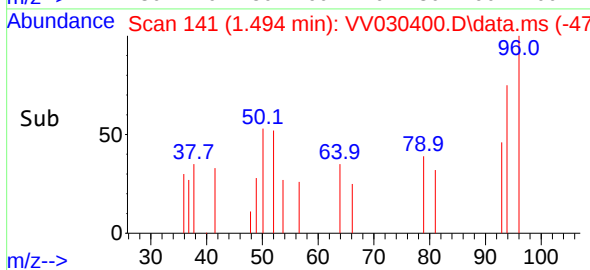
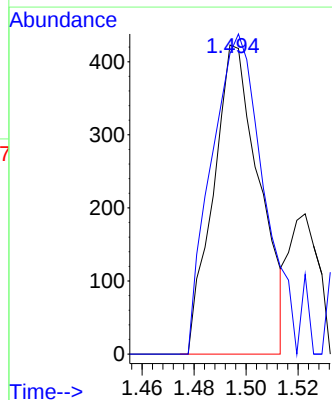
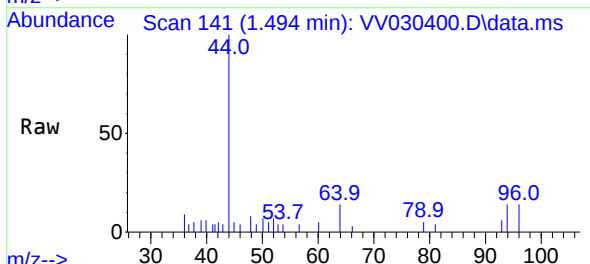
Instrument :
MSVOA_V
ClientSampleId :
BHDW3

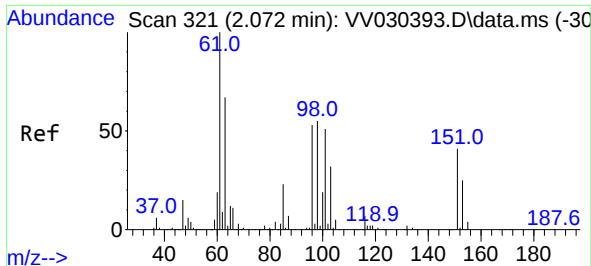
Tgt Ion: 50 Resp: 3980
Ion Ratio Lower Upper
50 100
52 28.8 22.3 41.5



#6
Bromomethane
Concen: 0.117 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030400.D
Acq: 05 Apr 2023 14:55

Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 97.2 66.1 122.7





#12

1,1-Dichloroethene

Concen: 1.716 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030400.D

Acq: 05 Apr 2023 14:55

Instrument :

MSVOA_V

ClientSampleId :

BHDW3

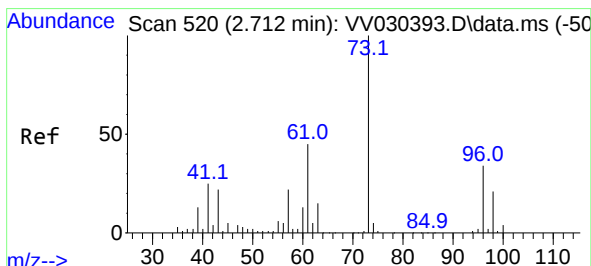
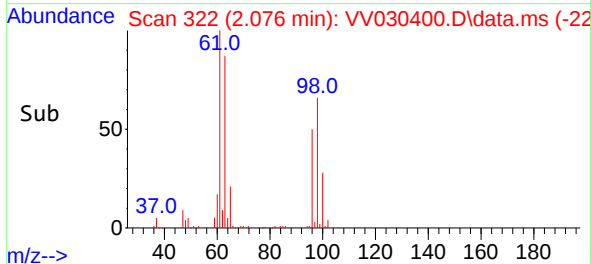
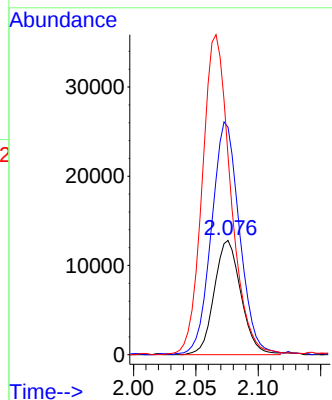
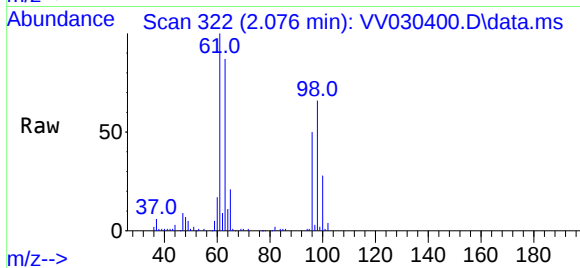
Tgt Ion: 96 Resp: 19108

Ion Ratio Lower Upper

96 100

61 199.0 136.3 253.1

63 173.8 92.1 171.1#



#17

Methyl tert-butyl Ether

Concen: 0.316 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.000 min

Lab File: VV030400.D

Acq: 05 Apr 2023 14:55

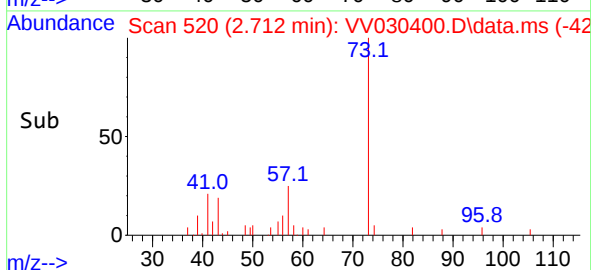
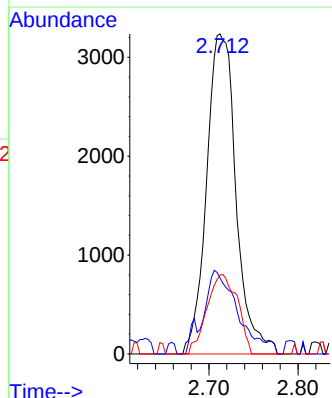
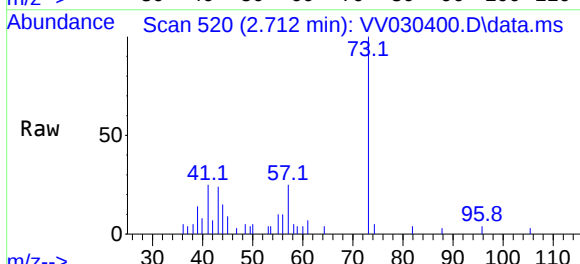
Tgt Ion: 73 Resp: 7442

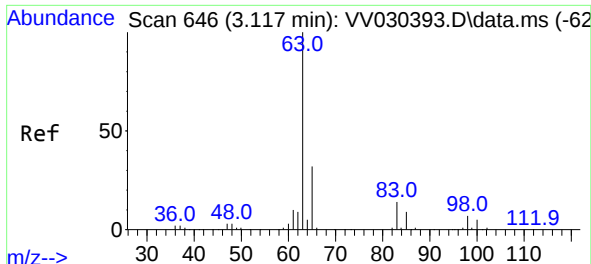
Ion Ratio Lower Upper

73 100

43 21.1 17.4 26.2

57 25.7 18.3 27.5



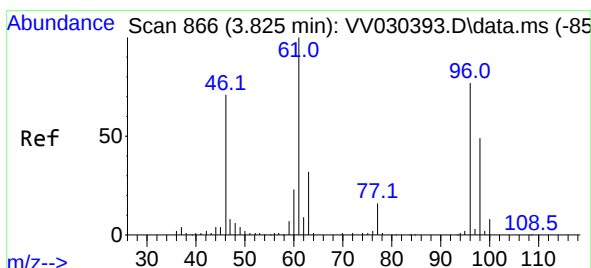
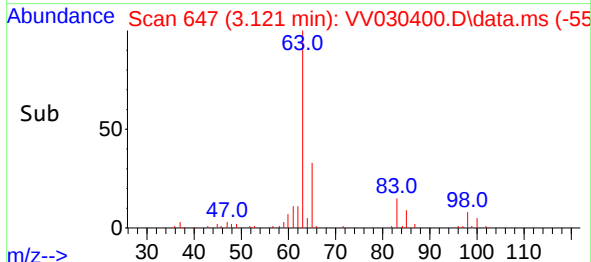
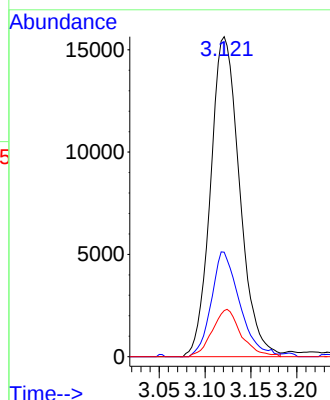
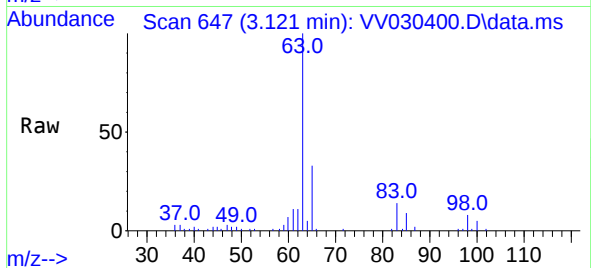


#19
1,1-Dichloroethane
Concen: 1.515 ug/L
RT: 3.121 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV030400.D
Acq: 05 Apr 2023 14:55

Instrument :
MSVOA_V
ClientSampleId :
BHDW3

Tgt Ion: 63 Resp: 34438

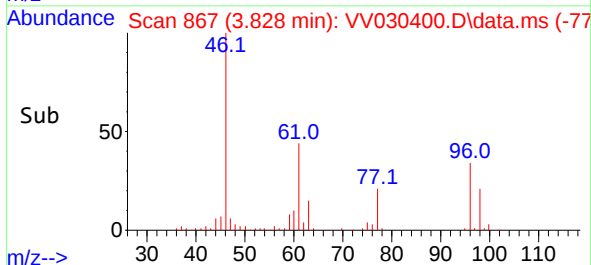
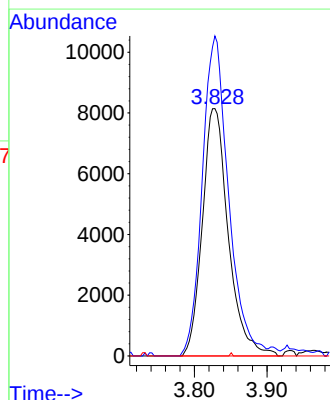
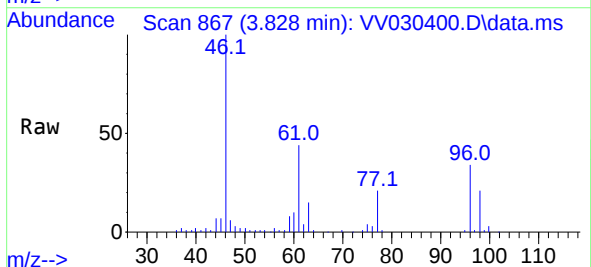
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.7	40.3
83	14.4	9.1	16.9

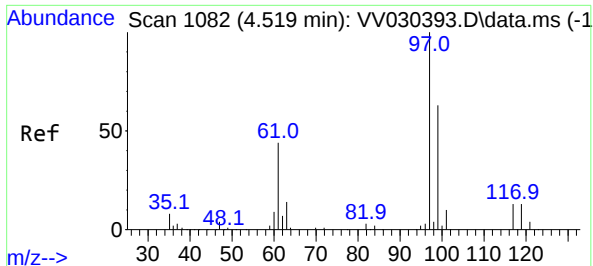


#22
cis-1,2-Dichloroethene
Concen: 1.723 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV030400.D
Acq: 05 Apr 2023 14:55

Tgt Ion: 96 Resp: 20279

Ion	Ratio	Lower	Upper
96	100		
61	129.4	92.0	170.8
68	0.0	0.0	0.0





#29

1,1,1-Trichloroethane

Concen: 0.687 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV030400.D

Acq: 05 Apr 2023 14:55

Instrument :

MSVOA_V

ClientSampleId :

BHDW3

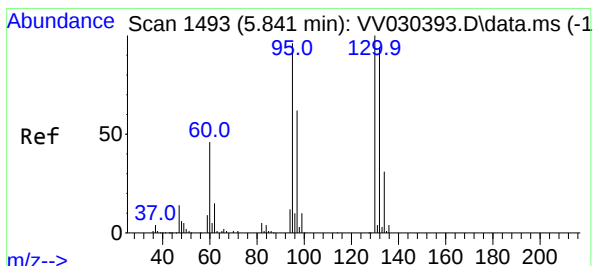
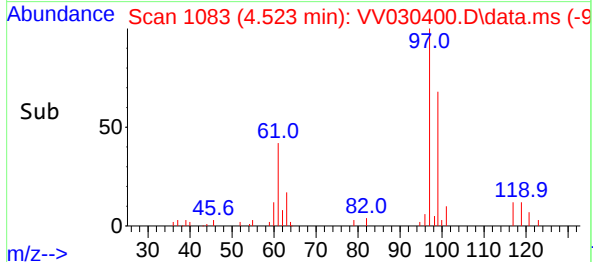
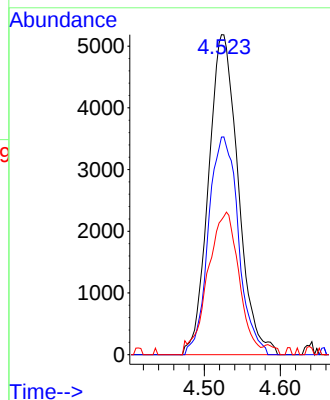
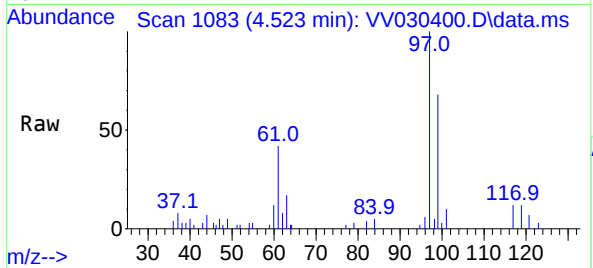
Tgt Ion: 97 Resp: 14047

Ion Ratio Lower Upper

97 100

99 68.6 50.9 76.3

61 46.5 35.9 53.9



#34

Trichloroethene

Concen: 1.077 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030400.D

Acq: 05 Apr 2023 14:55

Tgt Ion: 95 Resp: 13118

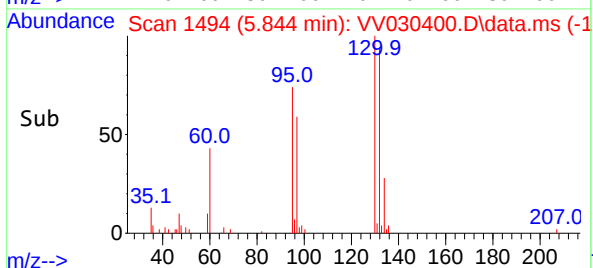
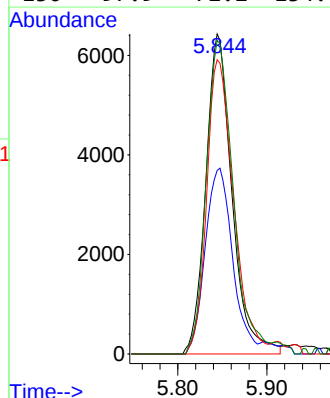
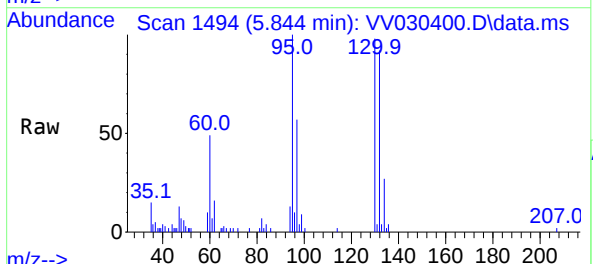
Ion Ratio Lower Upper

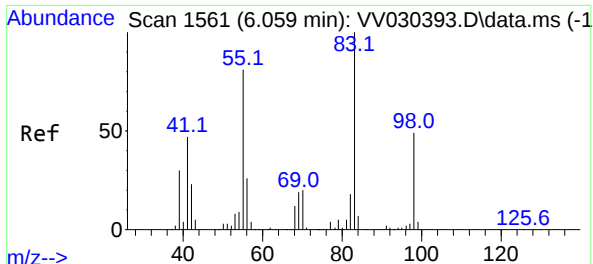
95 100

97 57.3 44.2 82.2

132 91.9 69.5 129.1

130 97.9 72.2 134.0





#35

Methylcyclohexane

Concen: 0.688 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV030400.D

Acq: 05 Apr 2023 14:55

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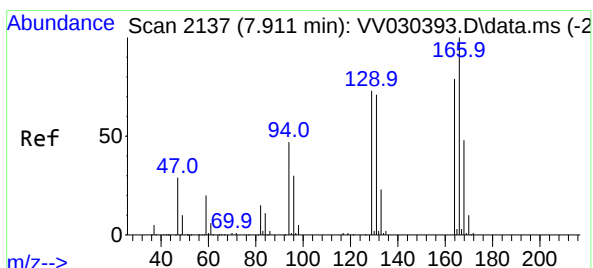
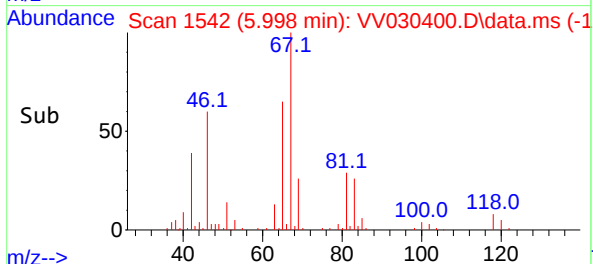
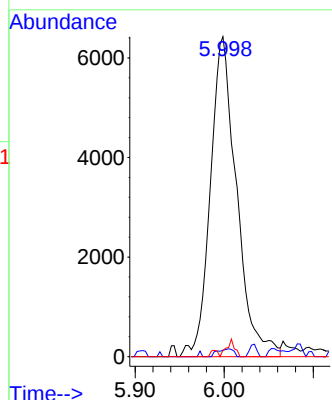
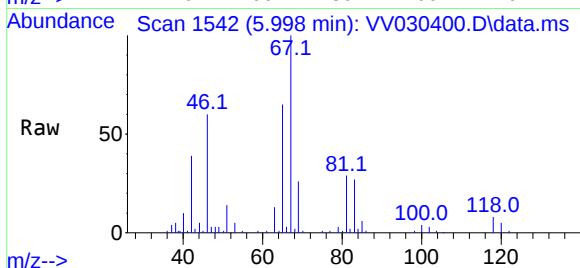
Tgt Ion: 83 Resp: 13155

Ion Ratio Lower Upper

83 100

55 1.5 66.6 100.0#

98 1.7 38.6 58.0#



#47

Tetrachloroethene

Concen: 4.448 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030400.D

Acq: 05 Apr 2023 14:55

Tgt Ion:164 Resp: 47821

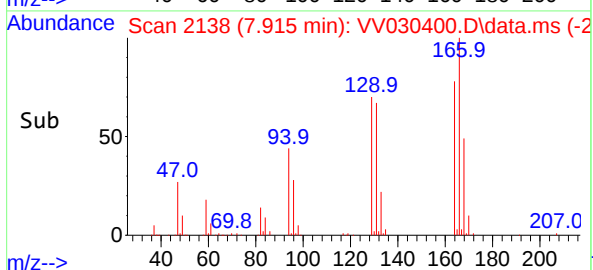
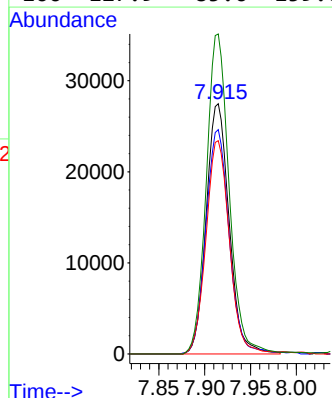
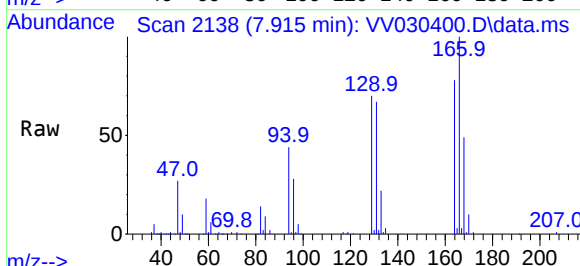
Ion Ratio Lower Upper

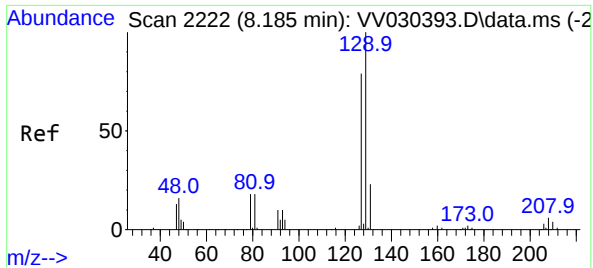
164 100

129 89.6 60.8 112.8

131 85.2 61.7 114.7

166 127.9 85.6 159.0





#49
Dibromochloromethane
Concen: 4.266 ug/L
RT: 7.915 min Scan# 21
Delta R.T. -0.270 min
Lab File: VV030400.D
Acq: 05 Apr 2023 14:55

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:129 Resp: 41466
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#

