

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030330.D
 Acq On : 29 Mar 2023 16:31
 Operator : SY/MD
 Sample : 02099-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Quant Time: Mar 30 02:12:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

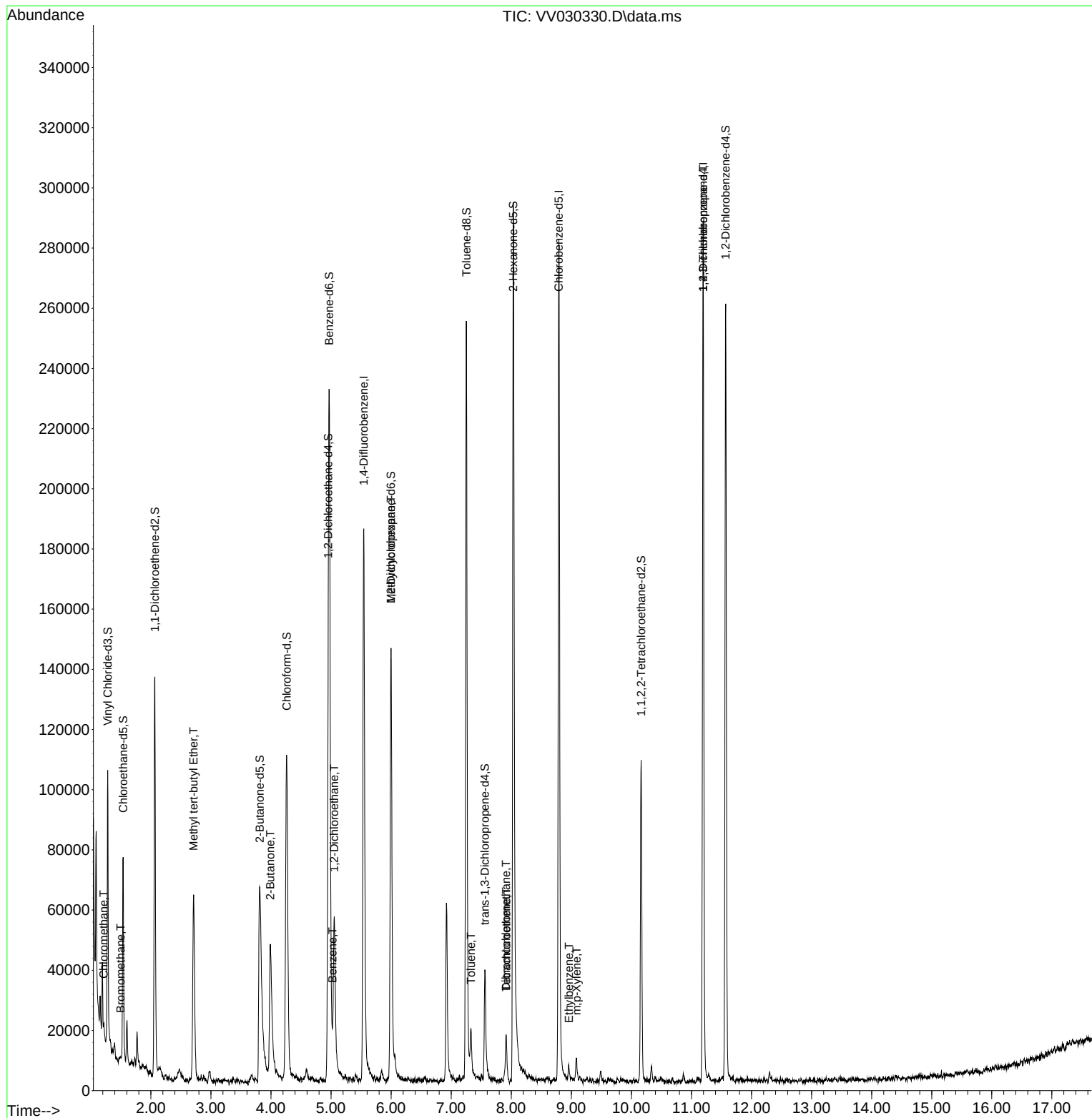
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	158611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	153428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	74310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43067	4.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.539	69	43809	4.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.066	63	71563	2.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.812	46	136489	50.269	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.540%
24) Chloroform-d	4.262	84	115320	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.953	65	58238	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.969	84	204139	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	5.998	67	66344	4.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.252	98	167321	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.561	79	22824	4.479	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.034	63	103586	50.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	50420	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	65077	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4773	0.188	ug/L	99
6) Bromomethane	1.494	94	502	0.095	ug/L	84
17) Methyl tert-butyl Ether	2.712	73	56802	2.024	ug/L	95
21) 2-Butanone	3.989	43	79259	24.253	ug/L #	54
27) 1,2-Dichloroethane	5.053	62	47595	2.878	ug/L	99
33) Benzene	5.024	78	8502	0.156	ug/L	100
35) Methylcyclohexane	5.998	83	16360	0.709	ug/L #	17
42) Toluene	7.330	91	10425	0.180	ug/L	96
47) Tetrachloroethene	7.918	164	3476	0.268	ug/L	91
49) Dibromochloromethane	7.915	129	3284	0.280	ug/L #	12
52) Ethylbenzene	8.960	91	2771	0.044	ug/L	98
53) m,p-Xylene	9.088	106	1871	0.077	ug/L	91
61) 1,2,3-Trichloropropane	11.194	75	8425	1.268	ug/L #	67

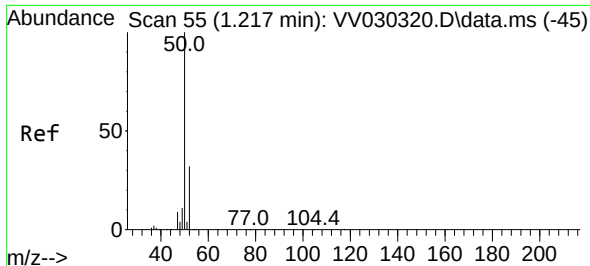
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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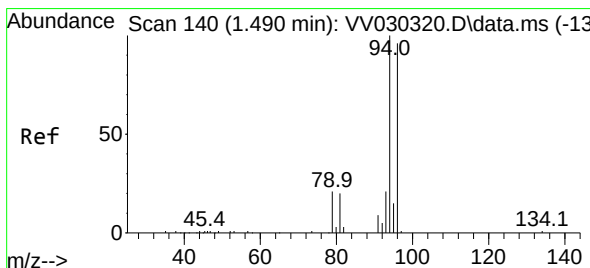
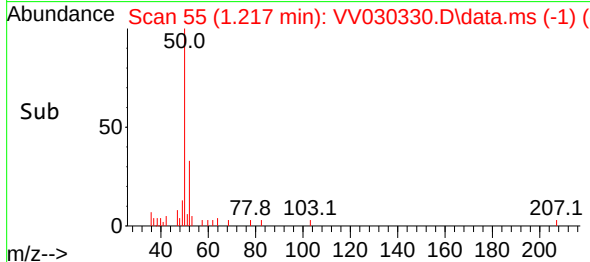
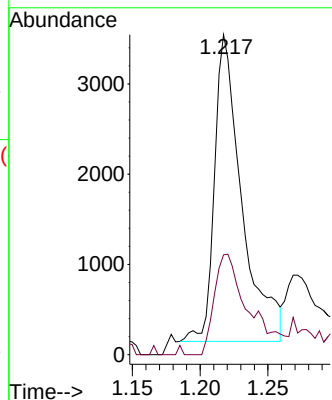
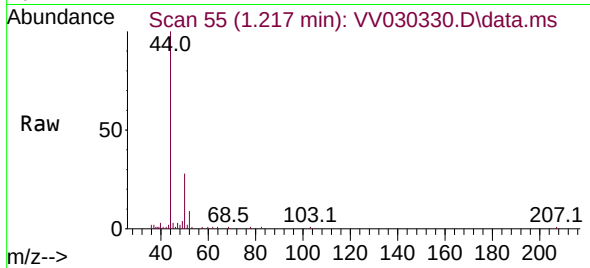




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

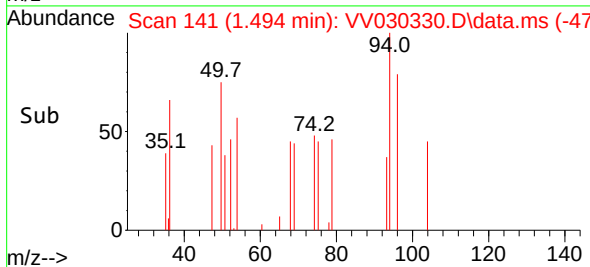
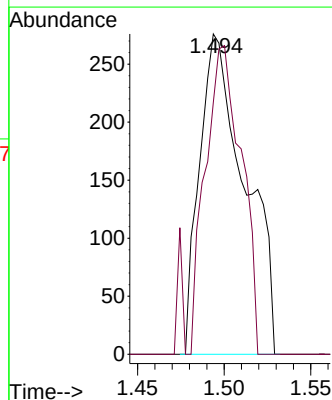
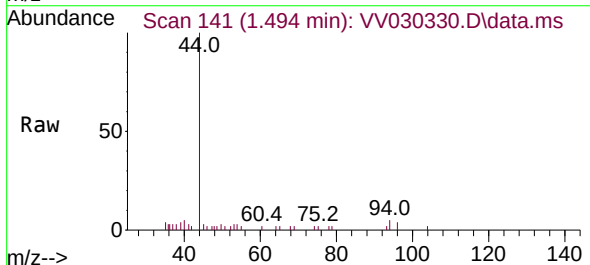
Instrument :
MSVOA_V
ClientSampleId :
H0AB1

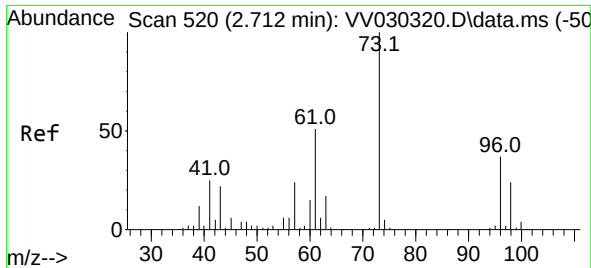
Tgt Ion: 50 Resp: 4773
Ion Ratio Lower Upper
50 100
52 31.2 22.3 41.5



#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 78.6 66.1 122.7

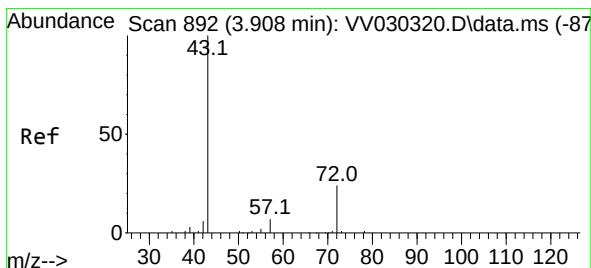
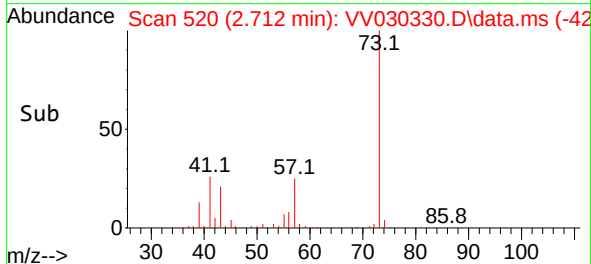
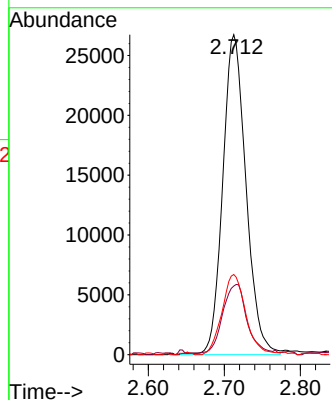
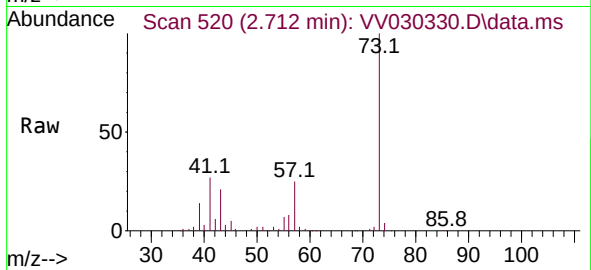




#17
Methyl tert-butyl Ether
Concen: 2.024 ug/L
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

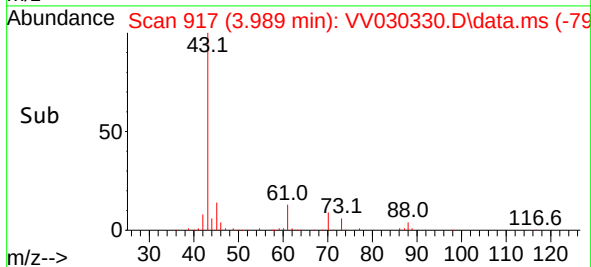
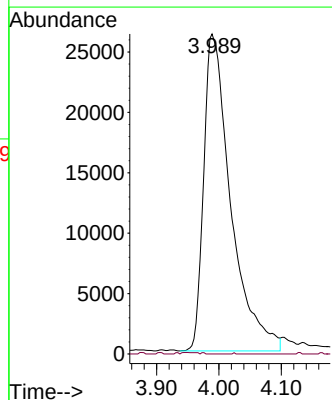
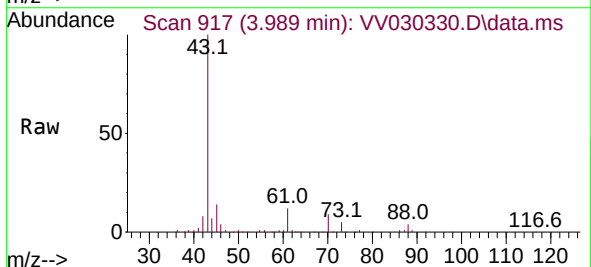
Instrument :
MSVOA_V
ClientSampleId :
H0AB1

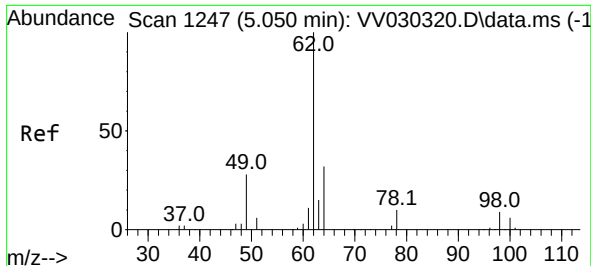
Tgt Ion: 73 Resp: 56802
Ion Ratio Lower Upper
73 100
43 23.6 17.4 26.2
57 25.6 18.3 27.5



#21
2-Butanone
Concen: 24.253 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.080 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

Tgt Ion: 43 Resp: 79259
Ion Ratio Lower Upper
43 100
72 0.1 11.2 33.5#





#27

1,2-Dichloroethane

Concen: 2.878 ug/L

RT: 5.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030330.D

Acq: 29 Mar 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

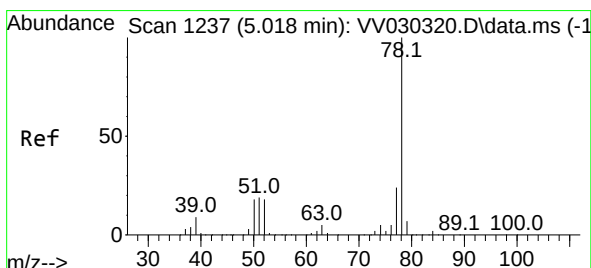
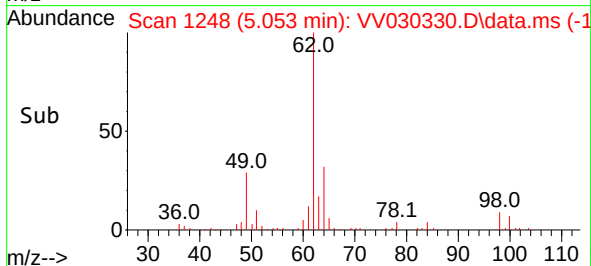
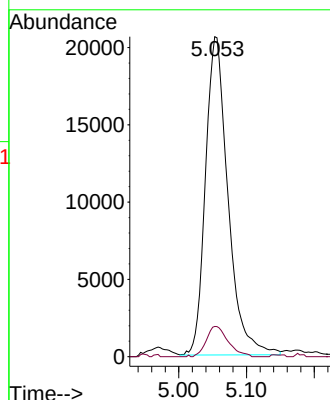
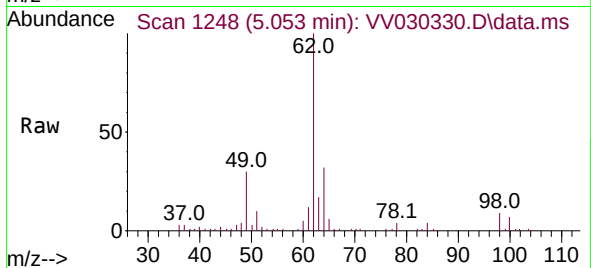
H0AB1

Tgt Ion: 62 Resp: 47595

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8



#33

Benzene

Concen: 0.156 ug/L

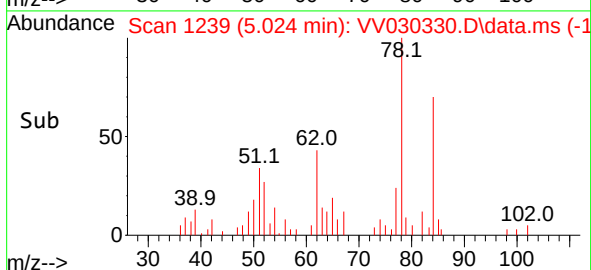
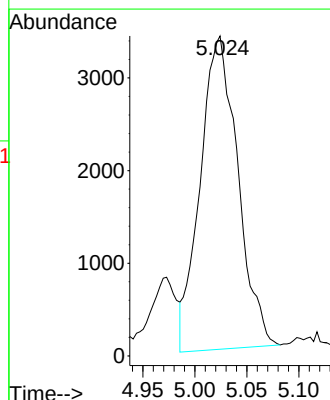
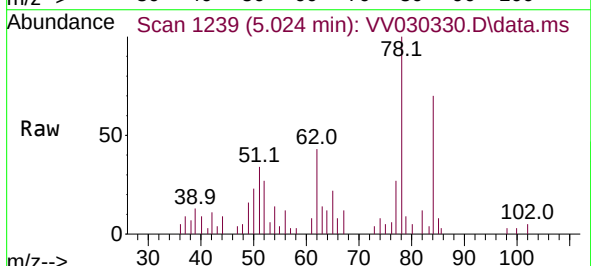
RT: 5.024 min Scan# 1239

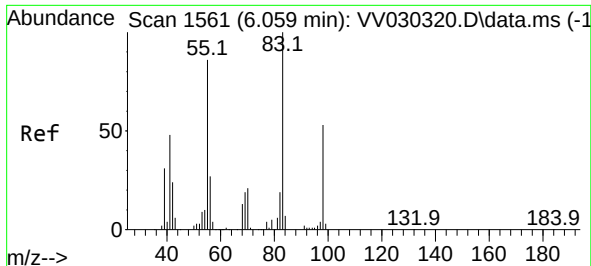
Delta R.T. 0.006 min

Lab File: VV030330.D

Acq: 29 Mar 2023 16:31

Tgt Ion: 78 Resp: 8502

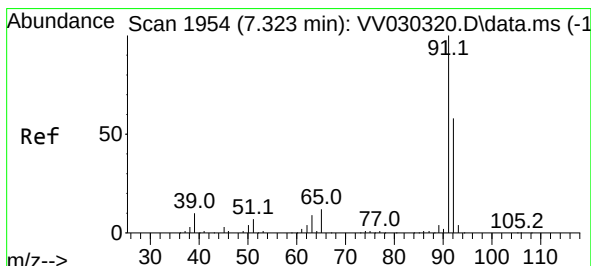
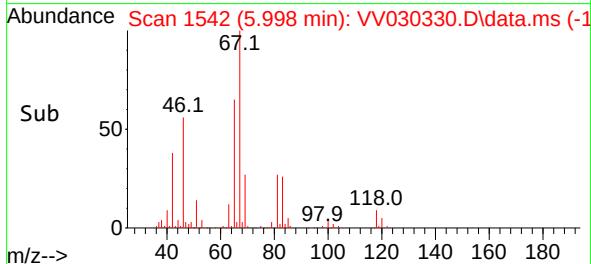
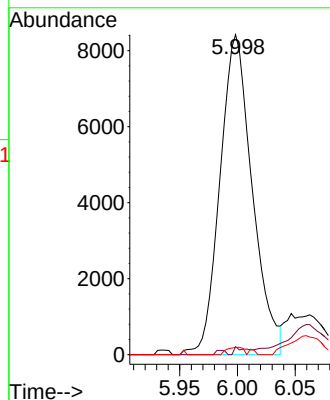
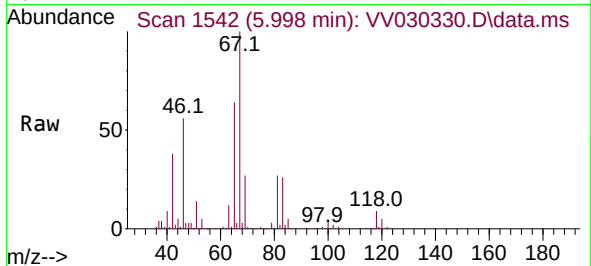




#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

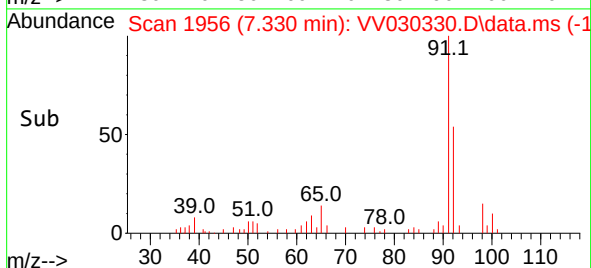
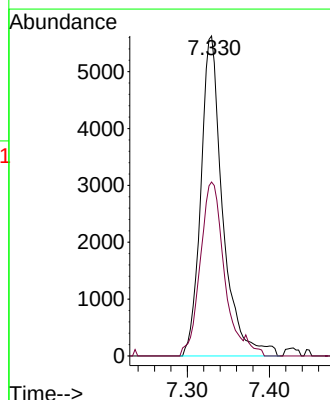
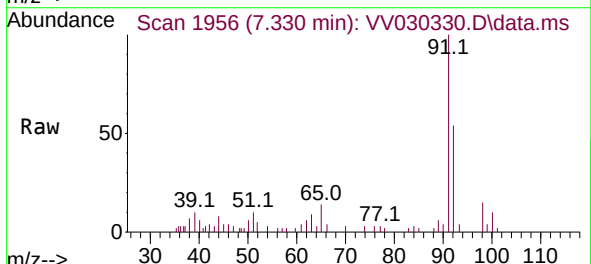
Instrument :
MSVOA_V
ClientSampleId :
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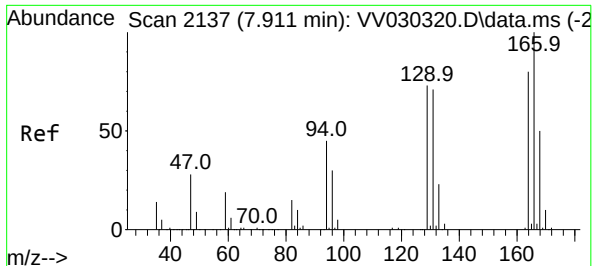
Tgt Ion: 83 Resp: 16360
Ion Ratio Lower Upper
83 100
55 0.9 66.6 100.0#
98 1.2 38.6 58.0#



#42
Toluene
Concen: 0.180 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

Tgt Ion: 91 Resp: 10425
Ion Ratio Lower Upper
91 100
92 54.4 40.4 75.0





#47

Tetrachloroethene

Concen: 0.268 ug/L

RT: 7.918 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VV030330.D

Acq: 29 Mar 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

H0AB1

Tgt Ion:164 Resp: 3476

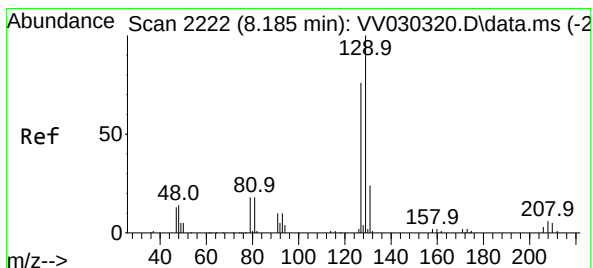
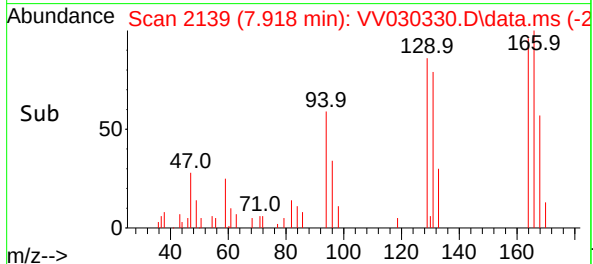
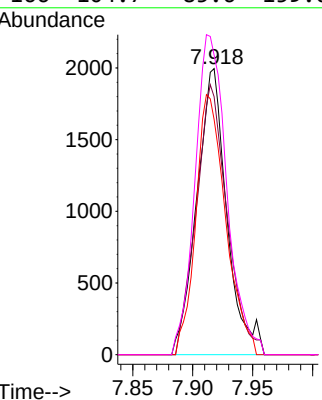
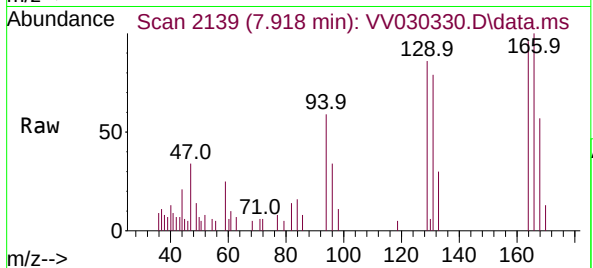
Ion Ratio Lower Upper

164 100

129 90.2 60.8 112.8

131 82.3 61.7 114.7

166 104.7 85.6 159.0



#49

Dibromochloromethane

Concen: 0.280 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030330.D

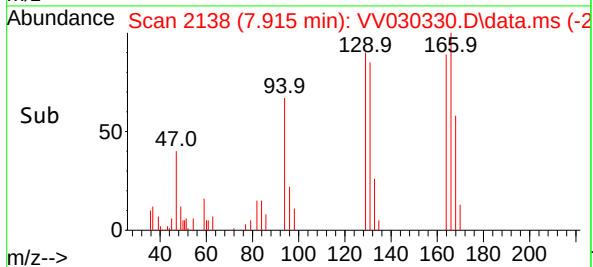
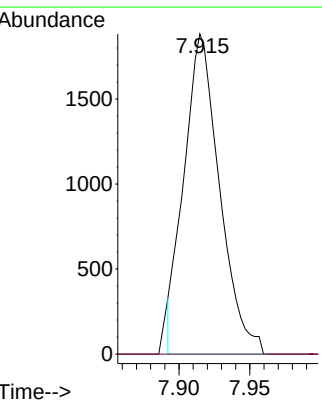
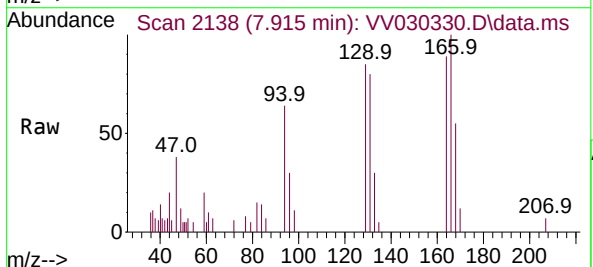
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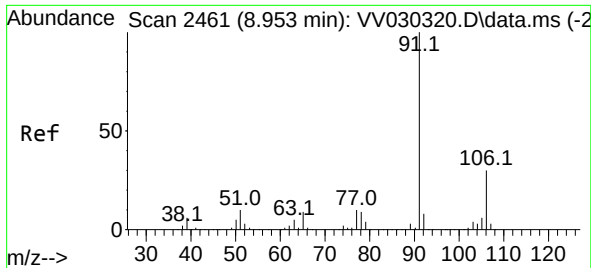
Tgt Ion:129 Resp: 3284

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#

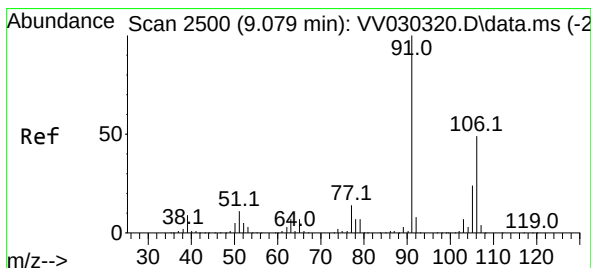
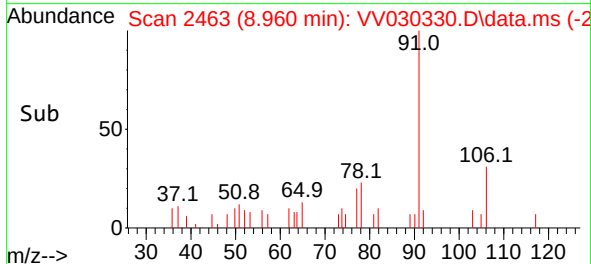
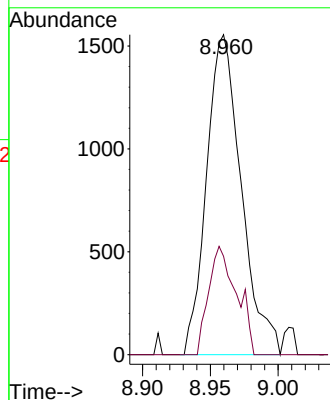
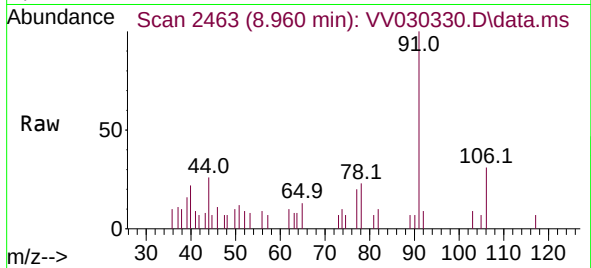




#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 8.960 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

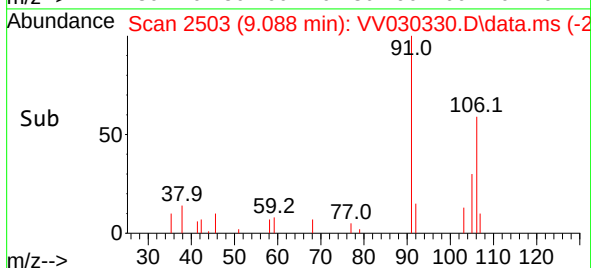
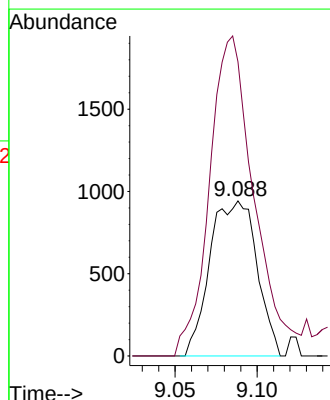
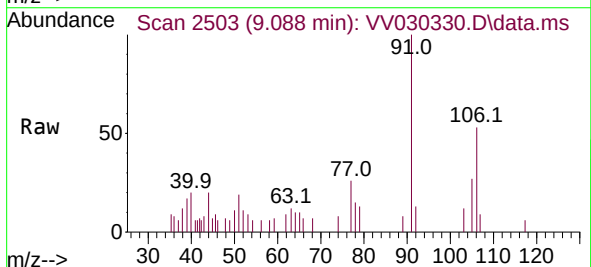
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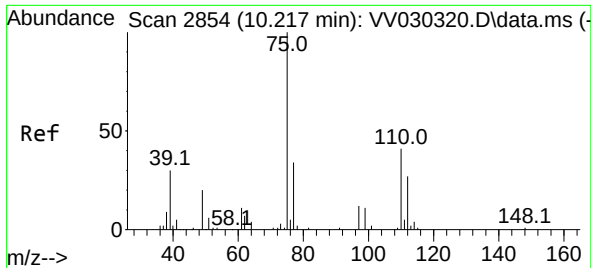
Tgt Ion: 91 Resp: 2771
Ion Ratio Lower Upper
91 100
106 30.7 22.2 41.2



#53
m,p-Xylene
Concen: 0.077 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.010 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

Tgt Ion: 106 Resp: 1871
Ion Ratio Lower Upper
106 100
91 189.6 142.4 264.4





#61

1,2,3-Trichloropropane

Concen: 1.268 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV030330.D

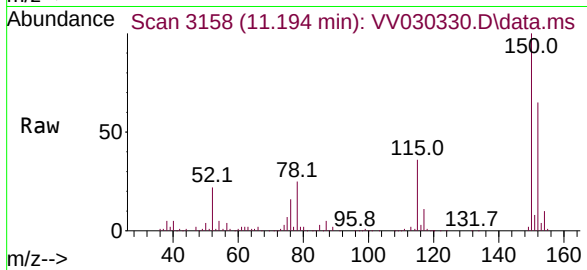
Acq: 29 Mar 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

H0AB1



Tgt Ion: 75 Resp: 8425

Ion Ratio Lower Upper

75 100

77 33.5 26.0 39.0

110 4.0 31.6 47.4#

