

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030325.D
 Acq On : 29 Mar 2023 14:28
 Operator : SY/MD
 Sample : 02099-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0

Quant Time: Mar 30 02:10:49 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)

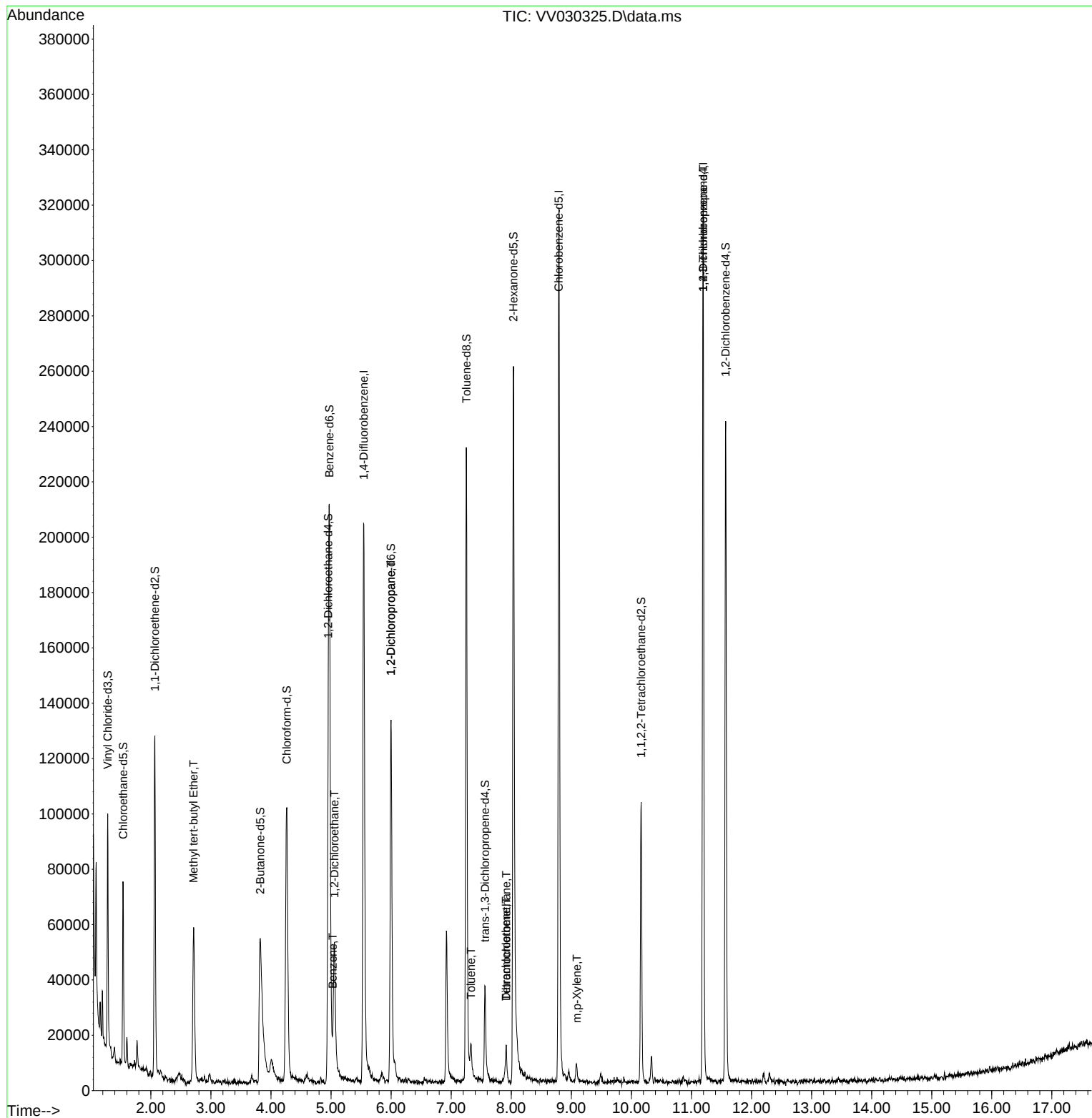
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	174724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	172852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39309	3.397	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.539	69	40937	3.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.066	63	67157	2.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.821	46	130008	43.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.940%
24) Chloroform-d	4.262	84	106402	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	4.953	65	52432	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	4.973	84	186644	3.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	5.998	67	60408	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.252	98	152812	3.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.564	79	20819	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.037	63	96375	41.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.540%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45962	3.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	61523	4.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.712	73	51822	1.676	ug/L	96
27) 1,2-Dichloroethane	5.056	62	44533	2.444	ug/L	97
33) Benzene	5.027	78	7040	0.115	ug/L	100
37) 1,2-Dichloropropane	5.998	63	7612	0.483	ug/L #	86
42) Toluene	7.329	91	8757	0.134	ug/L	89
47) Tetrachloroethene	7.915	164	2986	0.204	ug/L	86
49) Dibromochloromethane	7.918	129	2659	0.201	ug/L #	12
53) m,p-Xylene	9.091	106	1652	0.060	ug/L	82
61) 1,2,3-Trichloropropane	11.194	75	9714	1.300	ug/L #	64

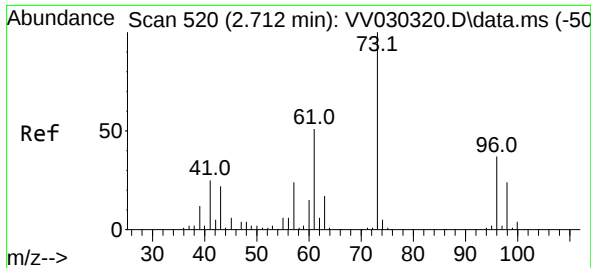
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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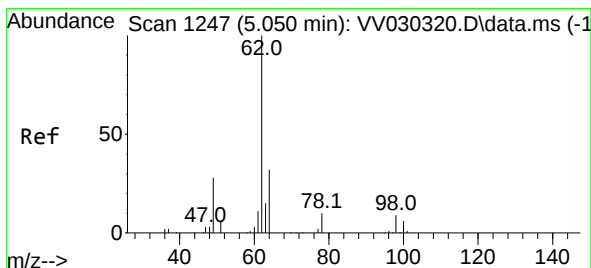
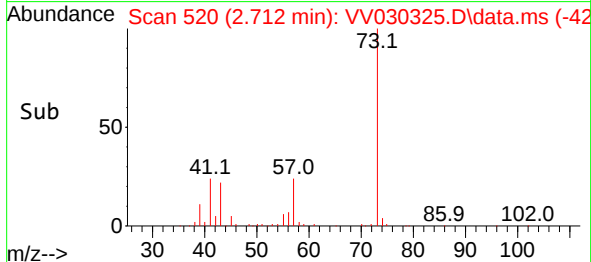
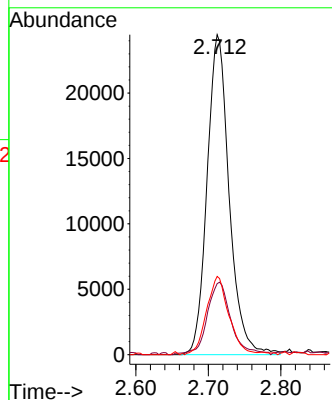
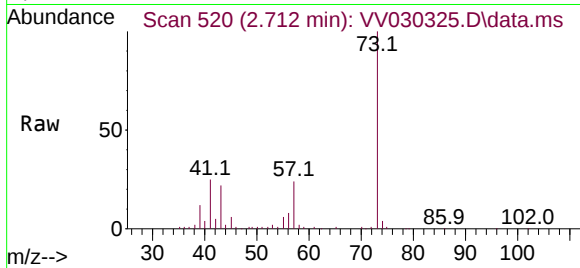




#17
Methyl tert-butyl Ether
Concen: 1.676 ug/L
RT: 2.712 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030325.D
Acq: 29 Mar 2023 14:28

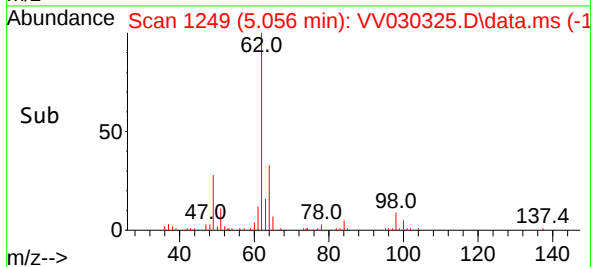
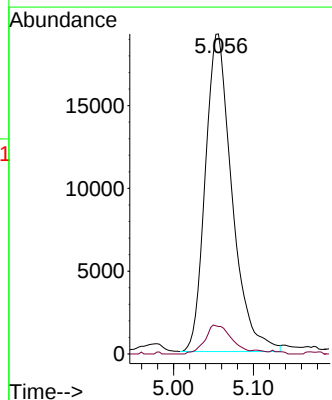
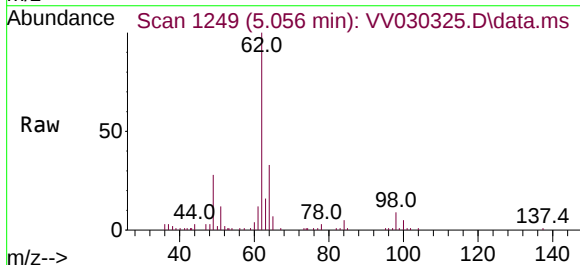
Instrument :
MSVOA_V
ClientSampleId :
H0AB0

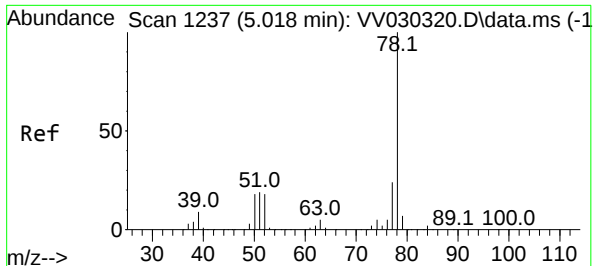
Tgt Ion: 73 Resp: 51822
Ion Ratio Lower Upper
73 100
43 24.3 17.4 26.2
57 24.7 18.3 27.5



#27
1,2-Dichloroethane
Concen: 2.444 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VV030325.D
Acq: 29 Mar 2023 14:28

Tgt Ion: 62 Resp: 44533
Ion Ratio Lower Upper
62 100
98 8.6 7.8 11.8

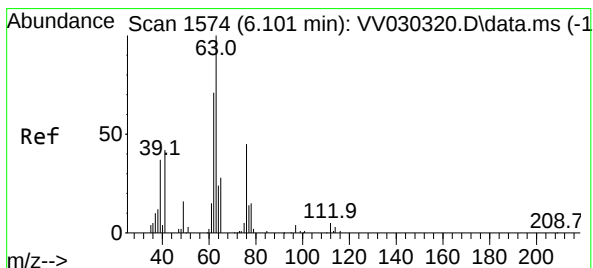
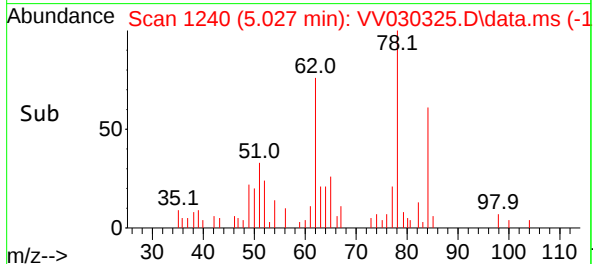
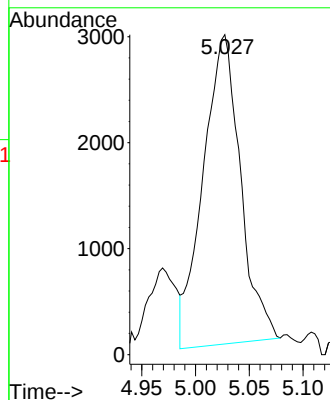
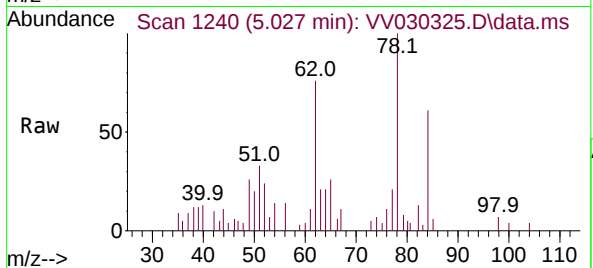




#33
Benzene
Concen: 0.115 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030325.D
Acq: 29 Mar 2023 14:28

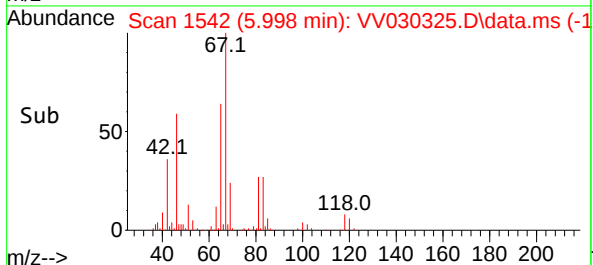
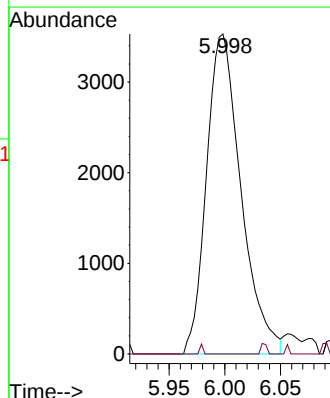
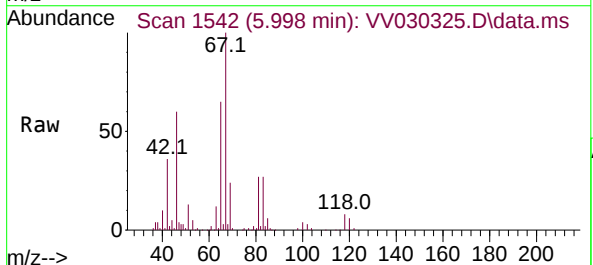
Instrument :
MSVOA_V
ClientSampleId :
H0AB0

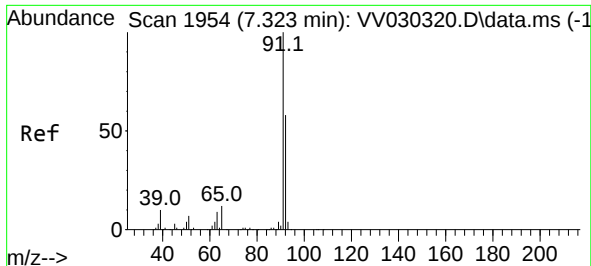
Tgt Ion: 78 Resp: 7040



#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030325.D
Acq: 29 Mar 2023 14:28

Tgt Ion: 63 Resp: 7612
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#





#42

Toluene

Concen: 0.134 ug/L

RT: 7.329 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV030325.D

Acq: 29 Mar 2023 14:28

Instrument :

MSVOA_V

ClientSampleId :

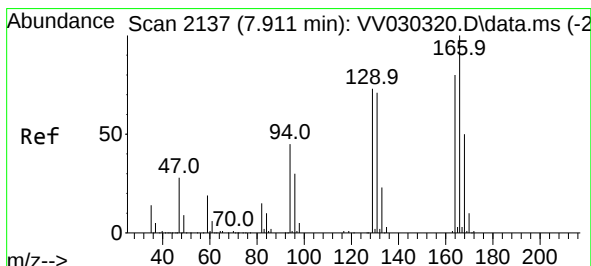
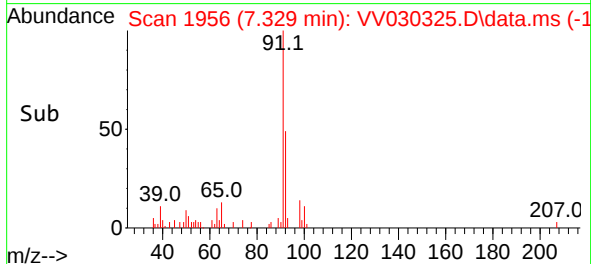
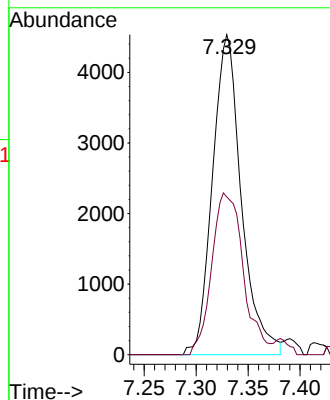
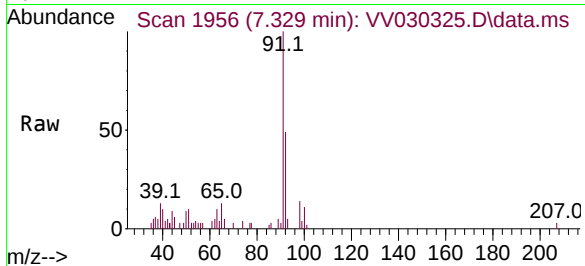
H0AB0

Tgt Ion: 91 Resp: 8757

Ion Ratio Lower Upper

91 100

92 49.3 40.4 75.0



#47

Tetrachloroethene

Concen: 0.204 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030325.D

Acq: 29 Mar 2023 14:28

Tgt Ion: 164 Resp: 2986

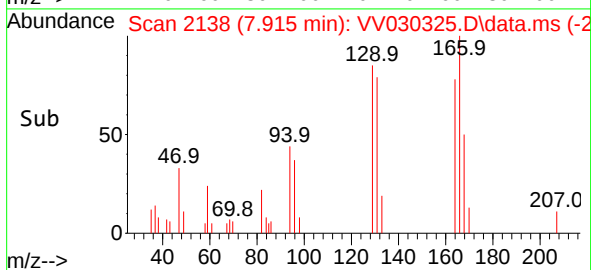
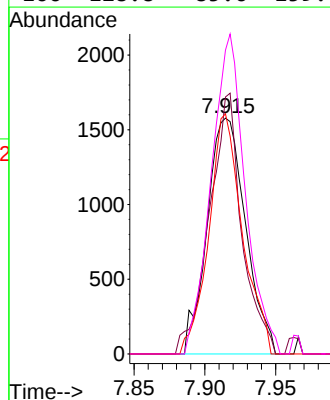
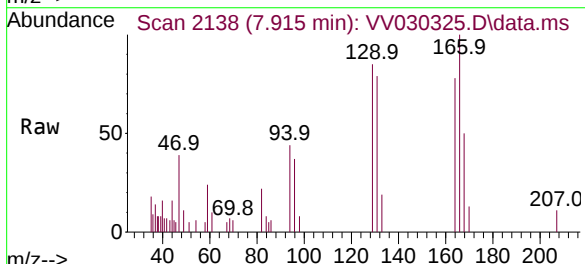
Ion Ratio Lower Upper

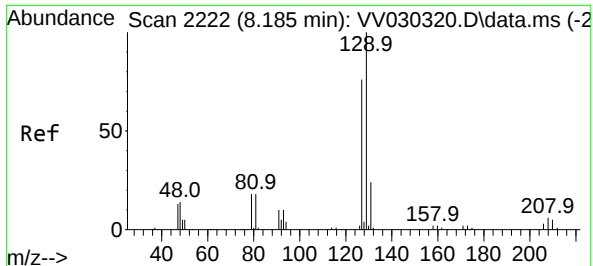
164 100

129 108.9 60.8 112.8

131 101.8 61.7 114.7

166 128.8 85.6 159.0





#49

Dibromochloromethane

Concen: 0.201 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030325.D

Acq: 29 Mar 2023 14:28

Instrument :

MSVOA_V

ClientSampleId :

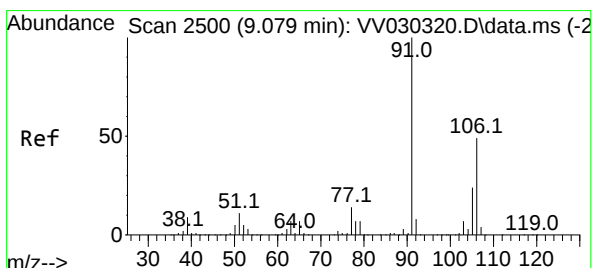
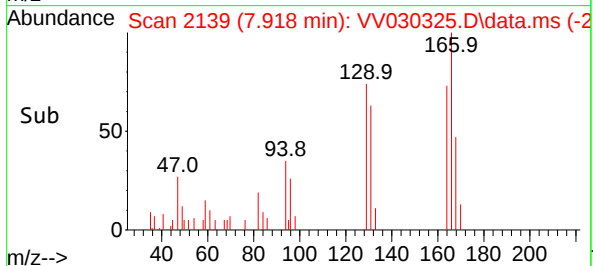
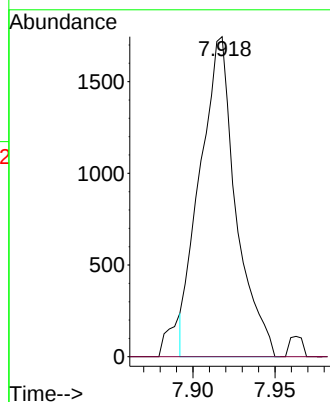
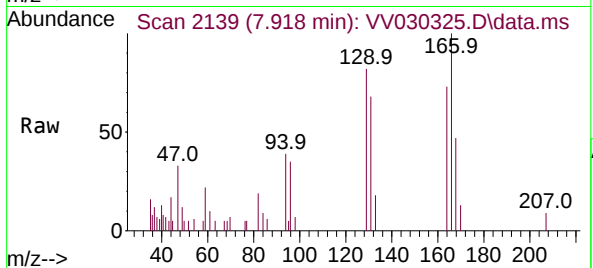
H0AB0

Tgt Ion:129 Resp: 2659

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#53

m,p-Xylene

Concen: 0.060 ug/L

RT: 9.091 min Scan# 2504

Delta R.T. 0.013 min

Lab File: VV030325.D

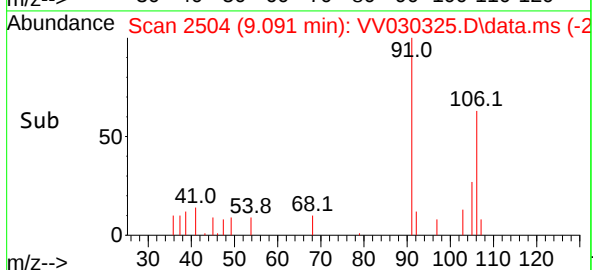
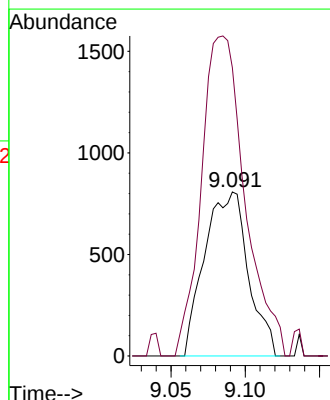
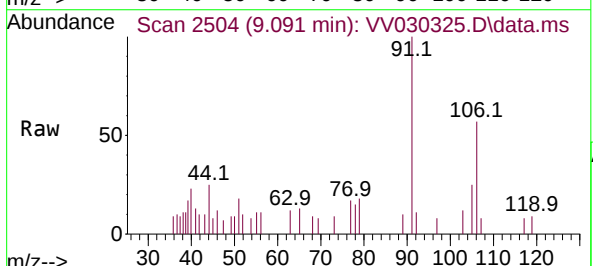
Acq: 29 Mar 2023 14:28

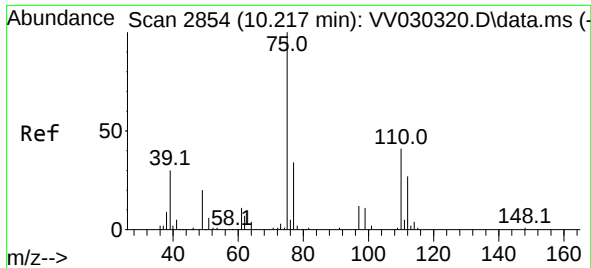
Tgt Ion:106 Resp: 1652

Ion Ratio Lower Upper

106 100

91 175.7 142.4 264.4





#61
 1,2,3-Trichloropropane
 Concen: 1.300 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030325.D
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Tgt Ion: 75 Resp: 9714
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.0 39.0
 110 3.8 31.6 47.4#

