

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
 Data File : VV025910.D
 Acq On : 16 May 2022 14:21
 Operator : SY/MD
 Sample : N2831-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K1

Quant Time: May 17 08:01:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

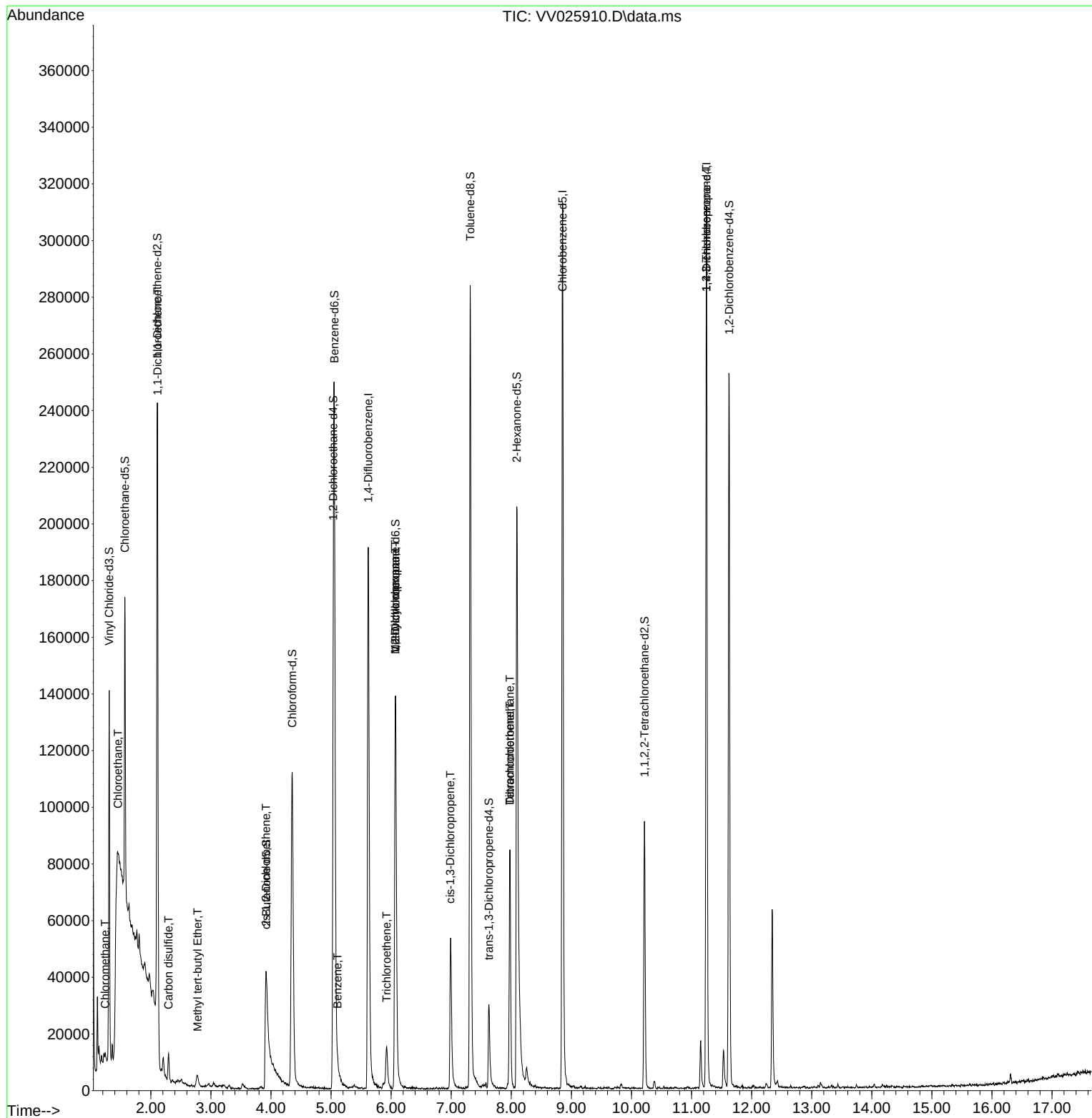
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	168464	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	175136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72280	5.195	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.800%		
7) Chloroethane-d5	1.568	69	63685	5.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.000%		
11) 1,1-Dichloroethene-d2	2.108	63	113463	3.684	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 73.600%		
20) 2-Butanone-d5	3.918	46	71857	44.596	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.200%		
24) Chloroform-d	4.352	84	115695	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
26) 1,2-Dichloroethane-d4	5.037	65	51905	5.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.800%		
32) Benzene-d6	5.053	84	232548	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
36) 1,2-Dichloropropane-d6	6.072	67	71845	5.434	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.600%		
41) Toluene-d8	7.317	98	193582	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.600%		
43) trans-1,3-Dichloroprop...	7.625	79	18669	4.318	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 86.400%		
46) 2-Hexanone-d5	8.091	63	84307	52.512	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.020%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46480	5.457	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	62869	5.531	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.600%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1635	0.077	ug/L	98
8) Chloroethane	1.452	64	183545	12.676	ug/L #	50
12) 1,1-Dichloroethene	2.111	96	1574	0.097	ug/L #	1
14) Carbon disulfide	2.294	76	10978	0.263	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	3709	0.144	ug/L #	79
22) cis-1,2-Dichloroethene	3.915	96	8229	0.571	ug/L	89
33) Benzene	5.104	78	3173	0.053	ug/L	100
34) Trichloroethene	5.924	95	5332	0.352	ug/L	95
35) Methylcyclohexane	6.069	83	17136	0.737	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	7449	0.532	ug/L #	91
39) cis-1,3-Dichloropropene	6.985	75	1537	0.085	ug/L #	70
47) Tetrachloroethene	7.976	164	18605	1.585	ug/L	99
49) Dibromochloromethane	7.976	129	17500	1.667	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	9737	1.465	ug/L #	65

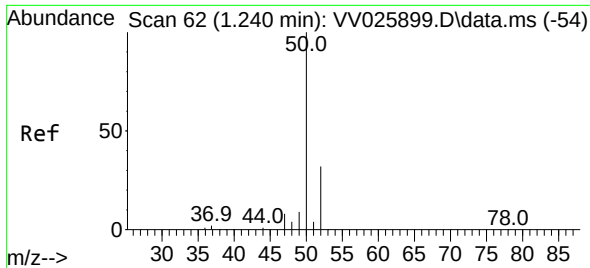
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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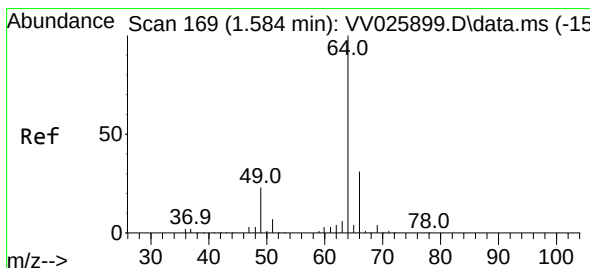
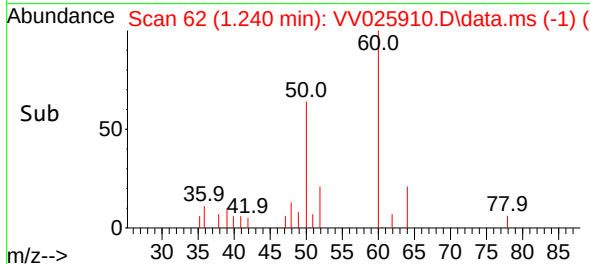
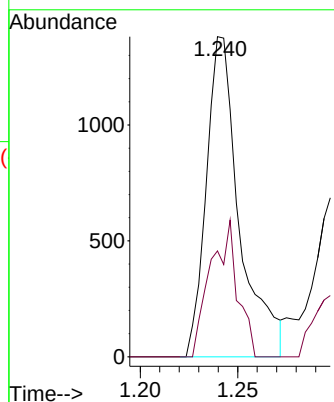
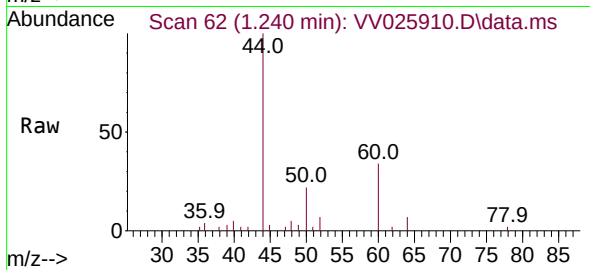




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

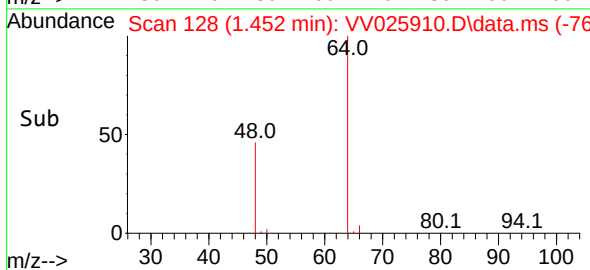
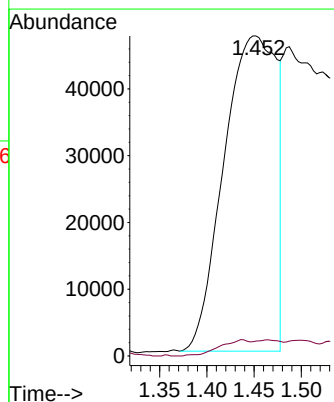
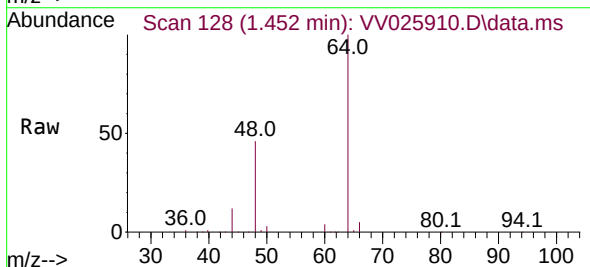
Instrument :
MSVOA_V
ClientSampleId :
YB2K1

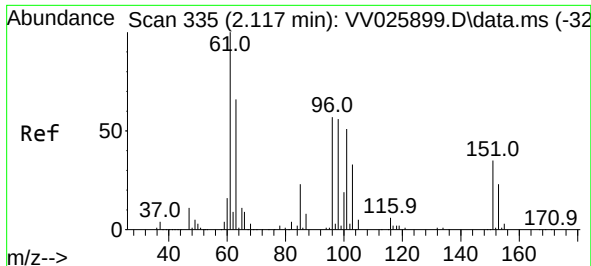
Tgt Ion: 50 Resp: 1635
Ion Ratio Lower Upper
50 100
52 33.1 23.9 44.3



#8
Chloroethane
Concen: 12.676 ug/L
RT: 1.452 min Scan# 128
Delta R.T. -0.132 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

Tgt Ion: 64 Resp: 183545
Ion Ratio Lower Upper
64 100
66 4.6 22.9 42.5#

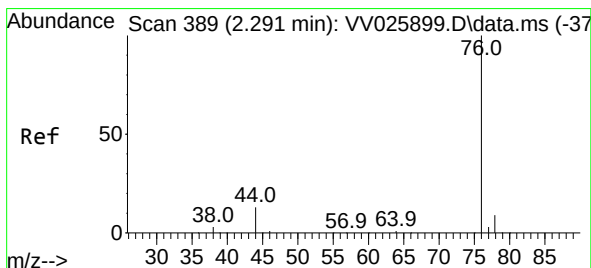
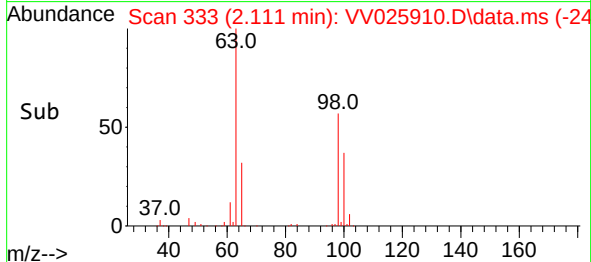
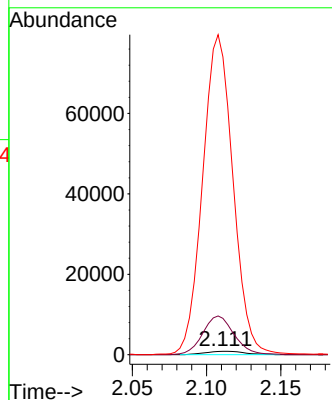
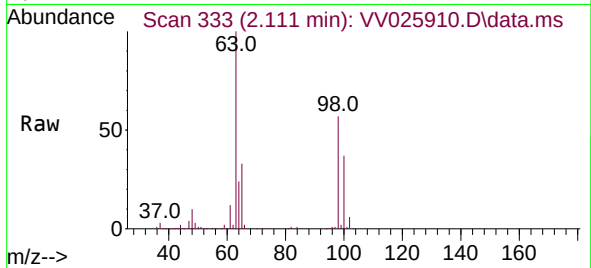




#12
 1,1-Dichloroethene
 Concen: 0.097 ug/L
 RT: 2.111 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV025910.D
 Acq: 16 May 2022 14:21

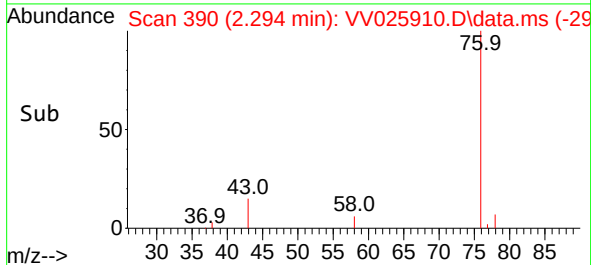
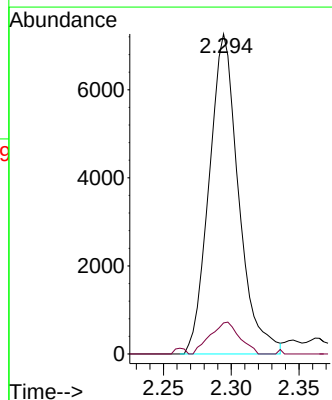
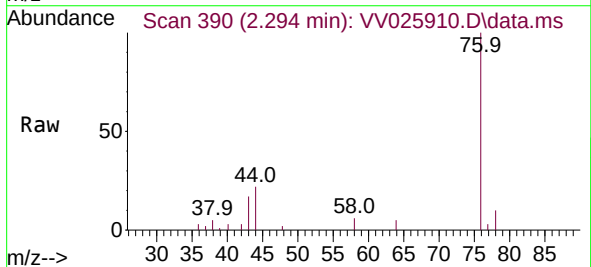
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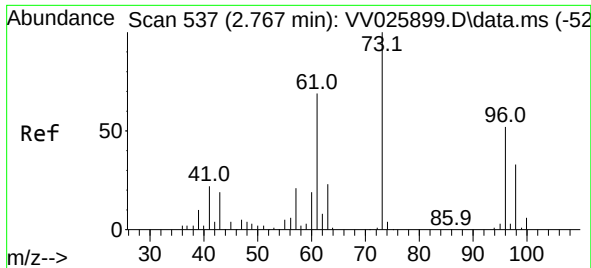
Tgt Ion: 96 Resp: 1574
 Ion Ratio Lower Upper
 96 100
 61 1060.6 119.8 222.6#
 63 8693.9 78.3 145.3#



#14
 Carbon disulfide
 Concen: 0.263 ug/L
 RT: 2.294 min Scan# 390
 Delta R.T. 0.003 min
 Lab File: VV025910.D
 Acq: 16 May 2022 14:21

Tgt Ion: 76 Resp: 10978
 Ion Ratio Lower Upper
 76 100
 78 9.7 7.0 10.6

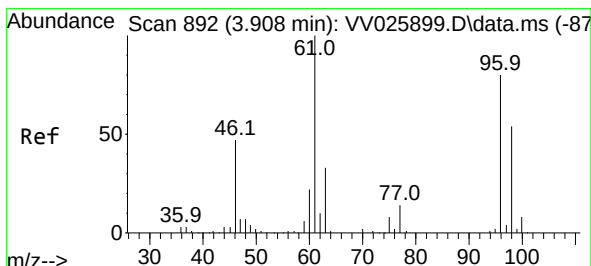
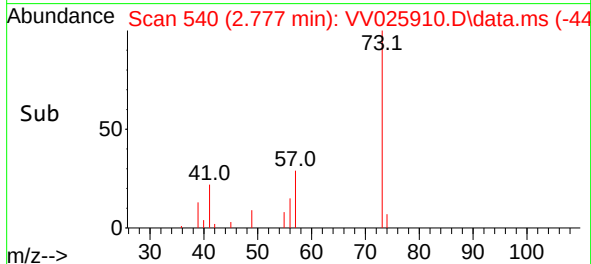
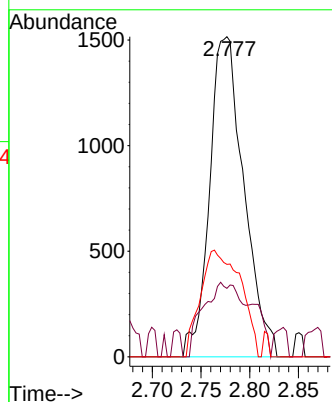
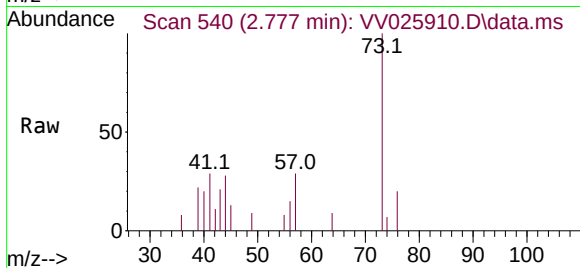




#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

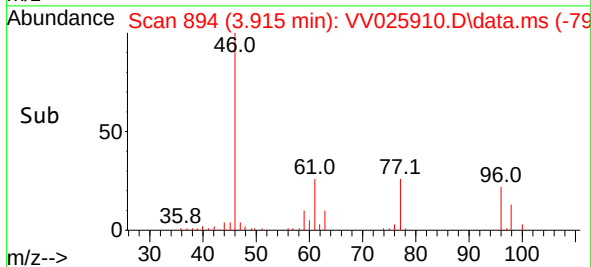
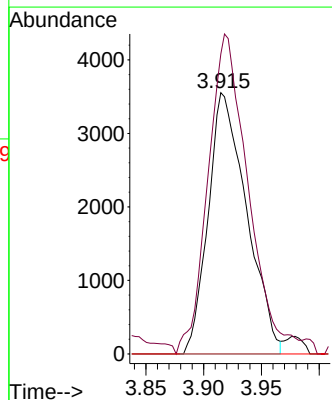
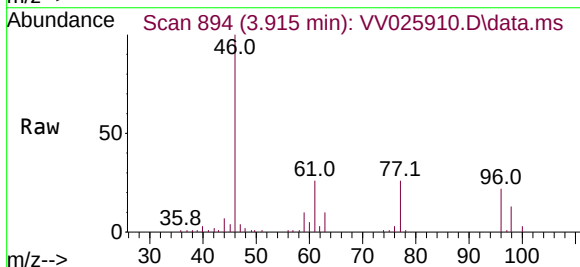
Instrument :
MSVOA_V
ClientSampleId :
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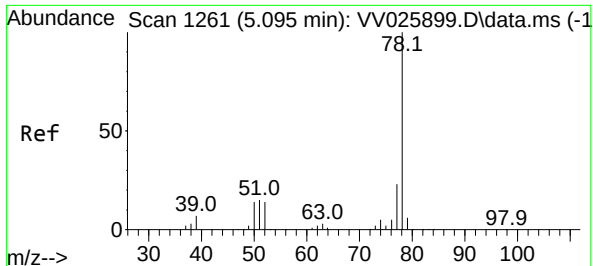
Tgt Ion: 73 Resp: 3709
Ion Ratio Lower Upper
73 100
43 16.4 14.6 22.0
57 38.9 17.9 26.9#



#22
cis-1,2-Dichloroethene
Concen: 0.571 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

Tgt Ion: 96 Resp: 8229
Ion Ratio Lower Upper
96 100
61 114.8 88.9 165.1
68 0.0 0.0 0.0

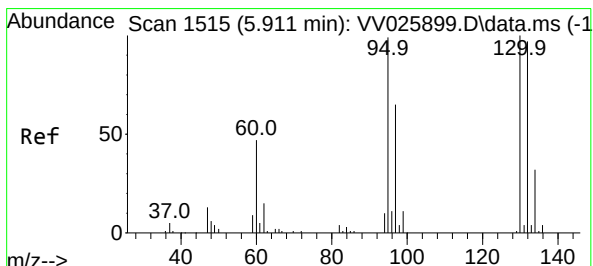
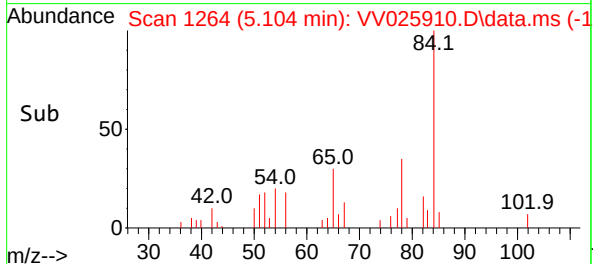
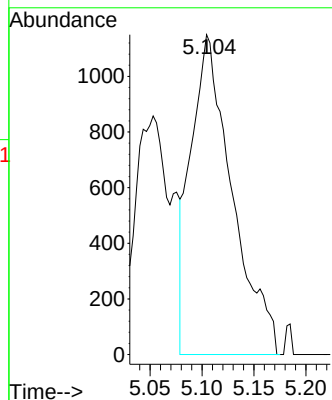
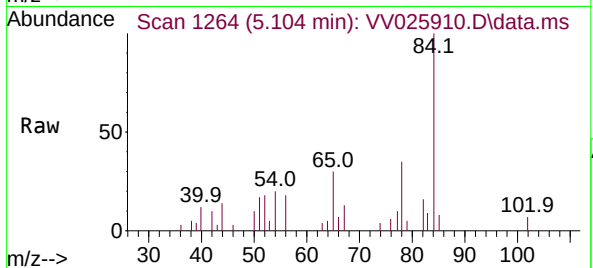




#33
Benzene
Concen: 0.053 ug/L
RT: 5.104 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

Instrument :
MSVOA_V
ClientSampleId :
YB2K1

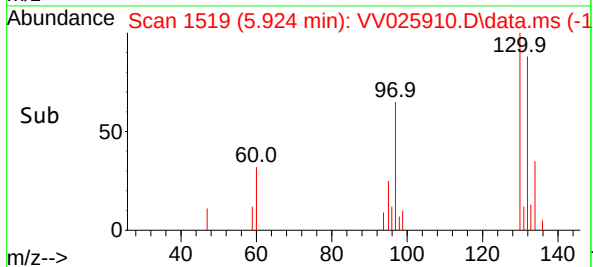
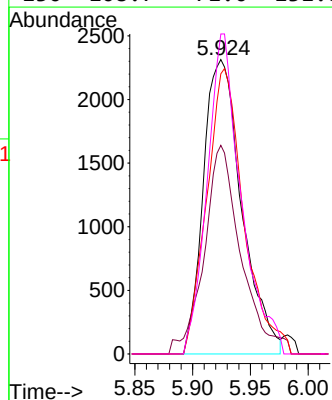
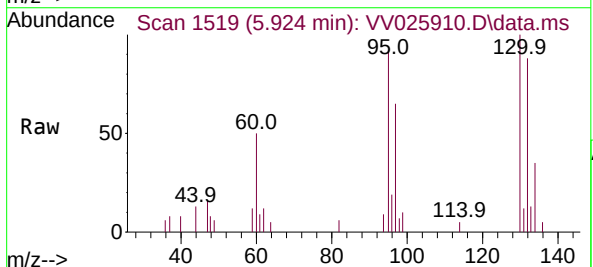
Tgt Ion: 78 Resp: 3173

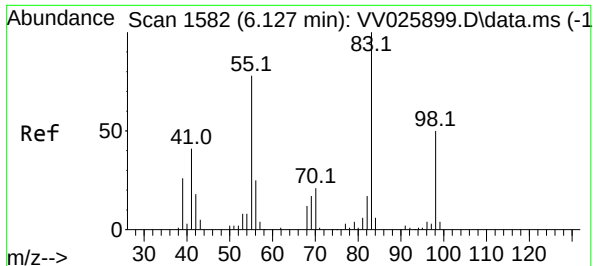


#34
Trichloroethene
Concen: 0.352 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

Tgt Ion: 95 Resp: 5332

Ion	Ratio	Lower	Upper
95	100		
97	70.9	44.9	83.3
132	95.2	67.6	125.6
130	108.7	71.0	131.8

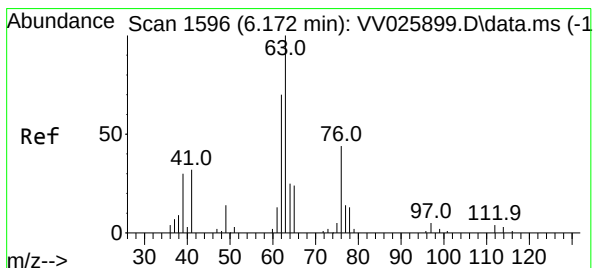
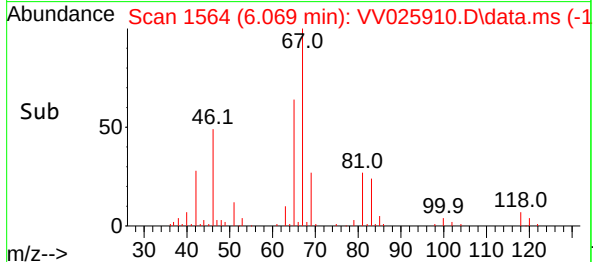
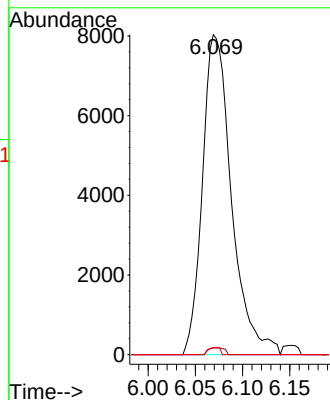
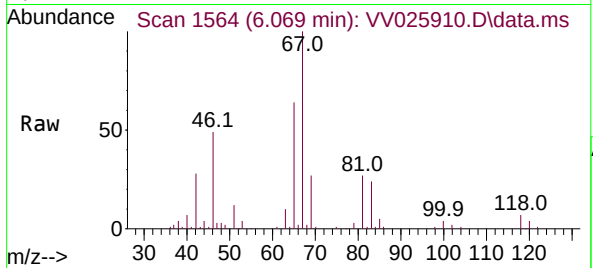




#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

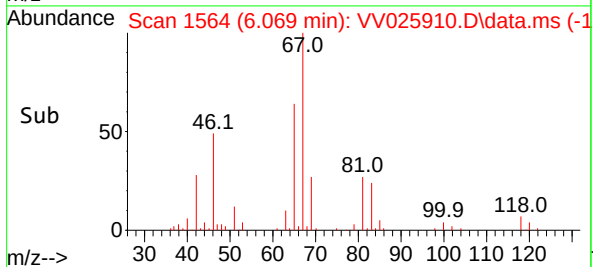
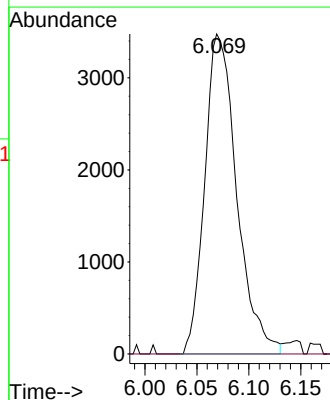
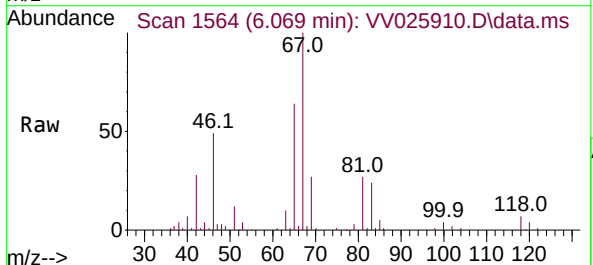
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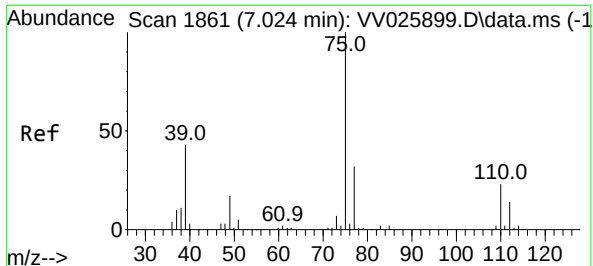
Tgt Ion: 83 Resp: 17136
Ion Ratio Lower Upper
83 100
55 1.2 60.1 90.1#
98 0.9 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV025910.D
Acq: 16 May 2022 14:21

Tgt Ion: 63 Resp: 7449
Ion Ratio Lower Upper
63 100
112 1.8 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025910.D

Acq: 16 May 2022 14:21

Instrument :

MSVOA_V

ClientSampleId :

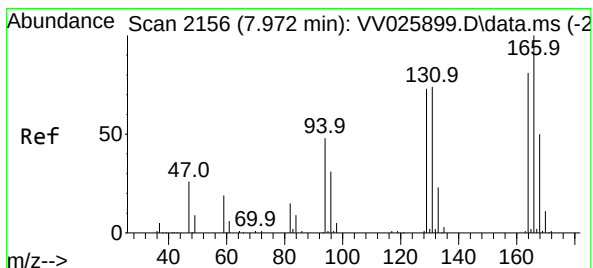
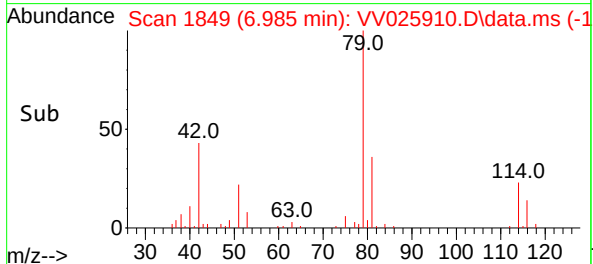
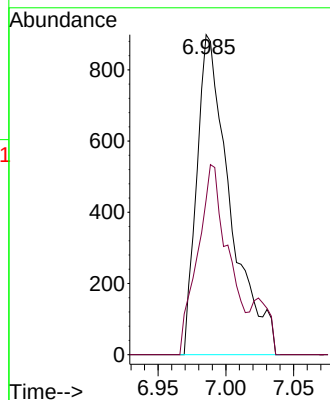
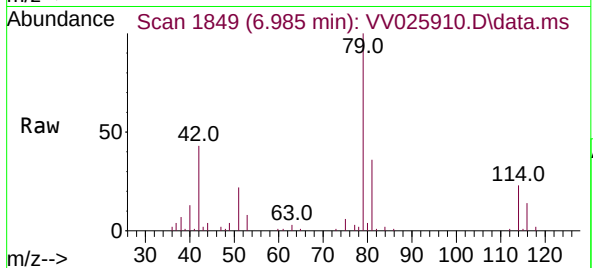
YB2K1

Tgt Ion: 75 Resp: 1537

Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



#47

Tetrachloroethene

Concen: 1.585 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025910.D

Acq: 16 May 2022 14:21

Tgt Ion: 164 Resp: 18605

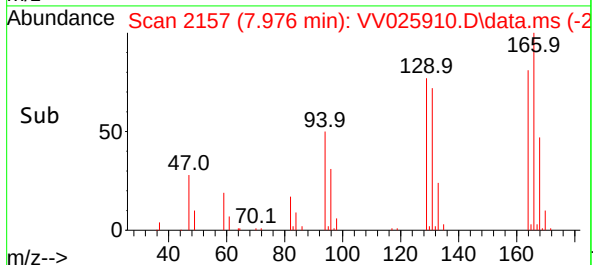
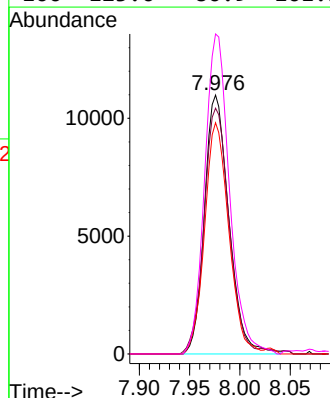
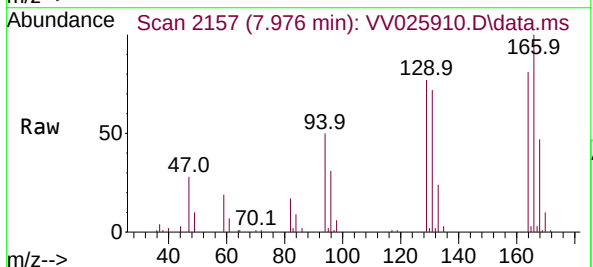
Ion Ratio Lower Upper

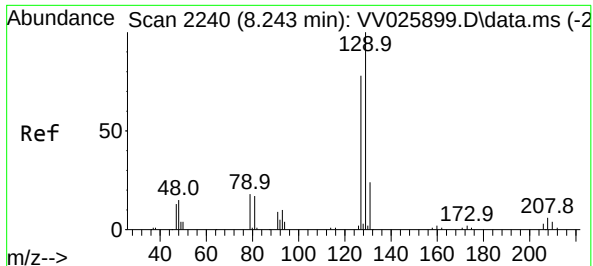
164 100

129 94.9 67.5 125.4

131 89.3 63.8 118.4

166 123.6 86.9 161.3





#49

Dibromochloromethane

Concen: 1.667 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025910.D

Acq: 16 May 2022 14:21

Instrument :

MSVOA_V

ClientSampleId :

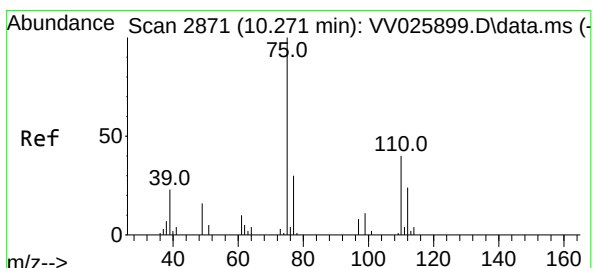
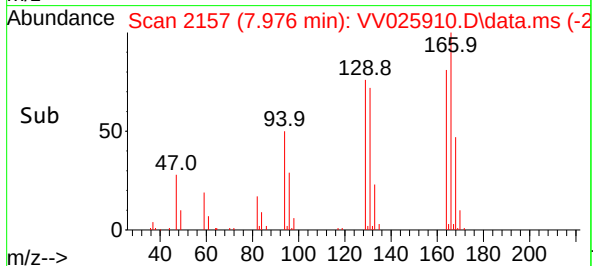
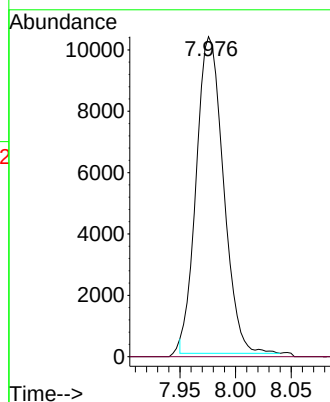
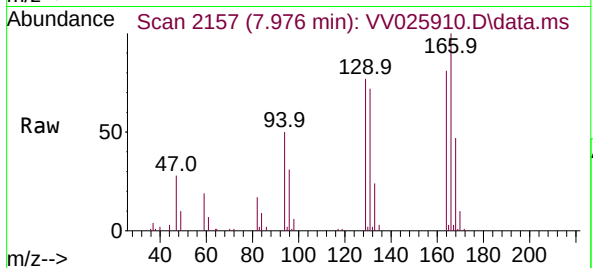
YB2K1

Tgt Ion:129 Resp: 17500

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025910.D

Acq: 16 May 2022 14:21

Tgt Ion: 75 Resp: 9737

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

110 1.9 32.4 48.6#

