

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
 Data File : VV025912.D
 Acq On : 16 May 2022 15:08
 Operator : SY/MD
 Sample : N2831-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K3

Quant Time: May 17 08:02:16 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)

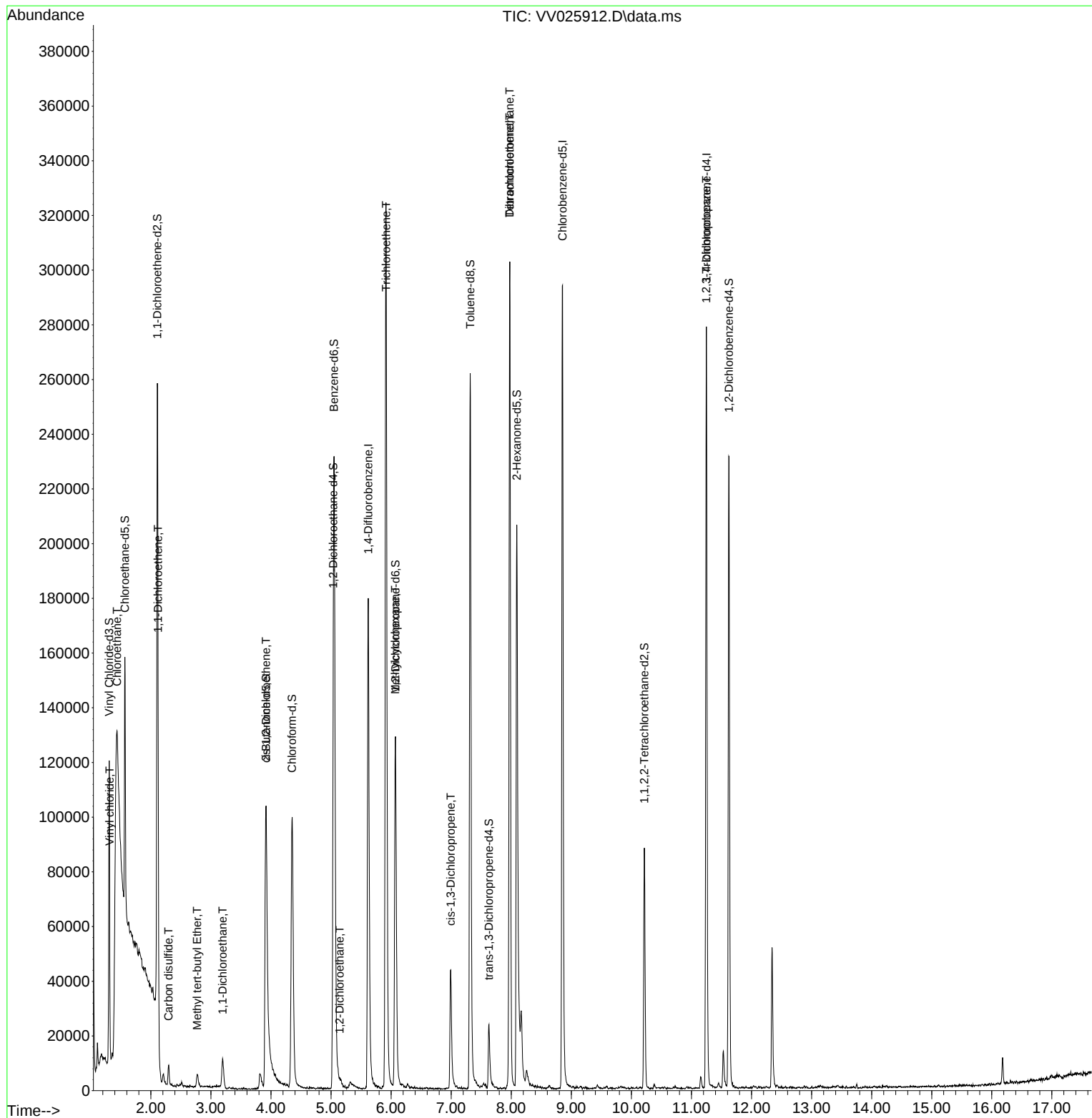
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155877	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67449	5.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.568	69	59052	5.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.108	63	115900	4.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.918	46	80906	54.266	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	4.352	84	106246	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.037	65	49941	5.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.050	84	210693	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.072	67	64533	5.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.317	98	176303	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.629	79	14287	3.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.092	63	76520	51.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42494	5.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	58217	5.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						
5) Vinyl chloride	1.314	62	1173	0.057	ug/L #	1
8) Chloroethane	1.436	64	543824	40.591	ug/L #	50
12) 1,1-Dichloroethene	2.121	96	19521	1.303	ug/L #	33
14) Carbon disulfide	2.294	76	8848	0.229	ug/L #	94
17) Methyl tert-butyl Ether	2.770	73	3461	0.145	ug/L #	90
19) 1,1-Dichloroethane	3.195	63	10485	0.424	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	42157	3.159	ug/L	95
27) 1,2-Dichloroethane	5.143	62	1796	0.136	ug/L #	73
34) Trichloroethene	5.915	95	116094	8.282	ug/L	98
35) Methylcyclohexane	6.069	83	15562	0.723	ug/L #	19
39) cis-1,3-Dichloropropene	6.992	75	1348	0.081	ug/L #	70
47) Tetrachloroethene	7.976	164	65449	6.026	ug/L	98
49) Dibromochloromethane	7.976	129	64269	6.617	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	9059	1.536	ug/L #	66

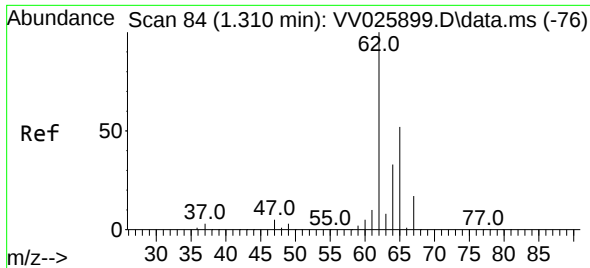
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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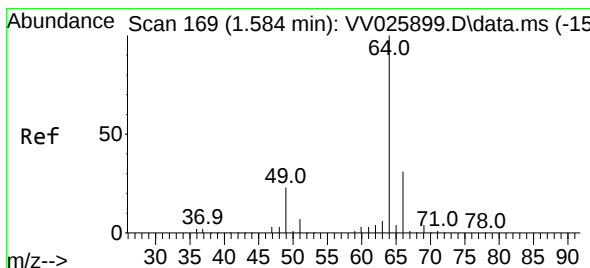
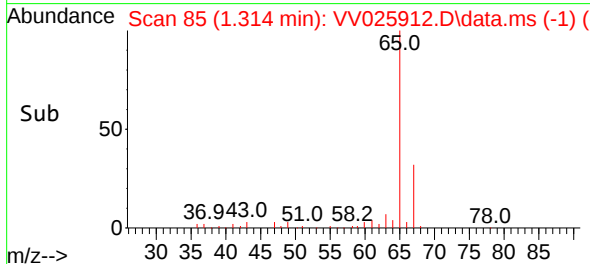
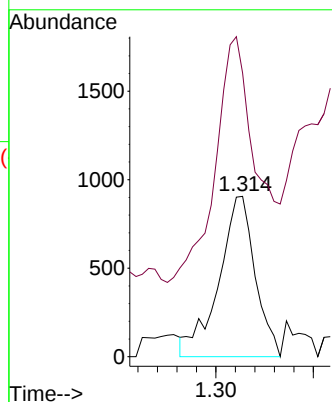
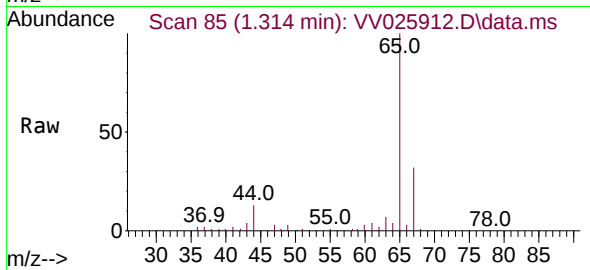




#5
 Vinyl chloride
 Concen: 0.057 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025912.D
 Acq: 16 May 2022 15:08

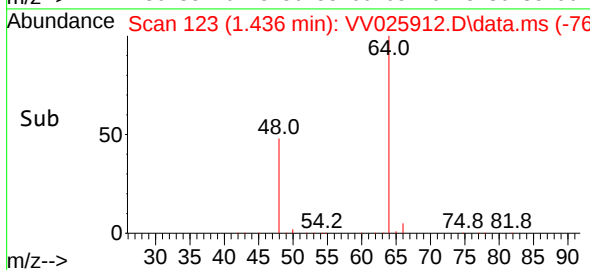
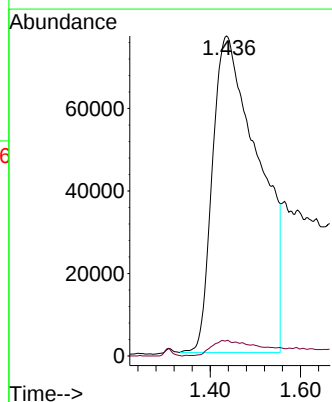
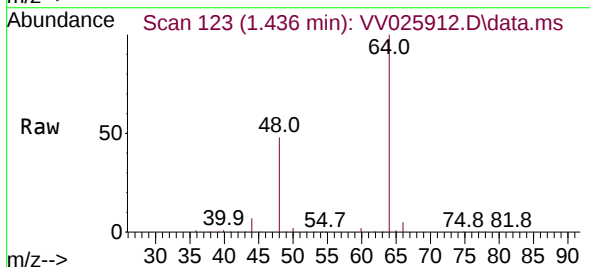
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K3

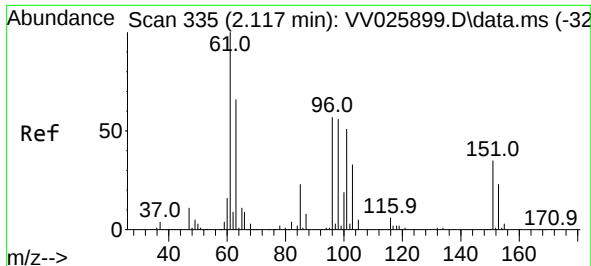
Tgt Ion: 62 Resp: 1173
 Ion Ratio Lower Upper
 62 100
 64 176.9 22.9 42.5#



#8
 Chloroethane
 Concen: 40.591 ug/L
 RT: 1.436 min Scan# 123
 Delta R.T. -0.148 min
 Lab File: VV025912.D
 Acq: 16 May 2022 15:08

Tgt Ion: 64 Resp: 543824
 Ion Ratio Lower Upper
 64 100
 66 4.8 22.9 42.5#

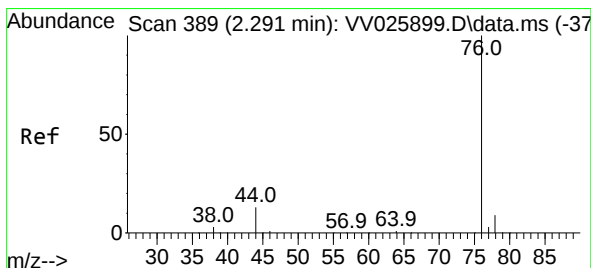
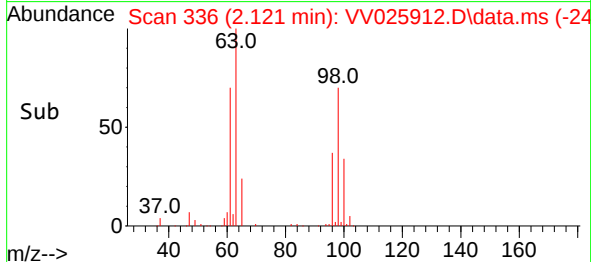
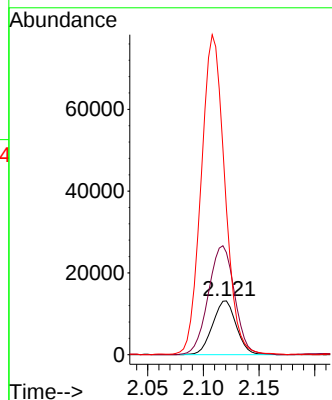
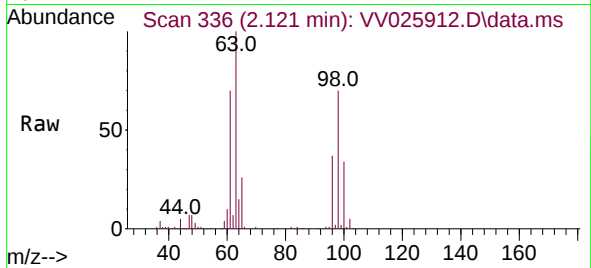




#12
1,1-Dichloroethene
Concen: 1.303 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025912.D
Acq: 16 May 2022 15:08

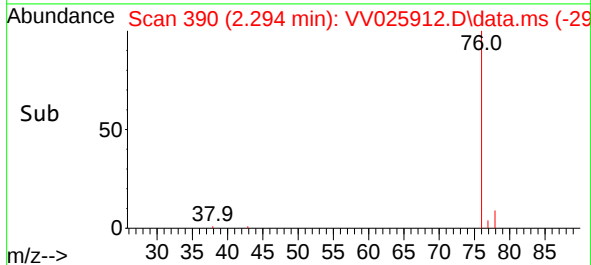
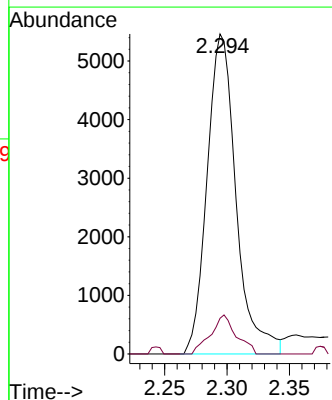
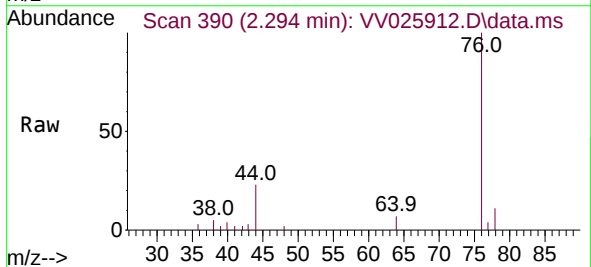
Instrument :
MSVOA_V
ClientSampleId :
YB2K3

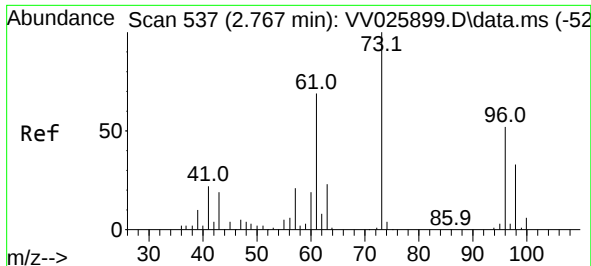
Tgt Ion: 96 Resp: 19521
Ion Ratio Lower Upper
96 100
61 189.8 119.8 222.6
63 271.5 78.3 145.3#



#14
Carbon disulfide
Concen: 0.229 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV025912.D
Acq: 16 May 2022 15:08

Tgt Ion: 76 Resp: 8848
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.6#

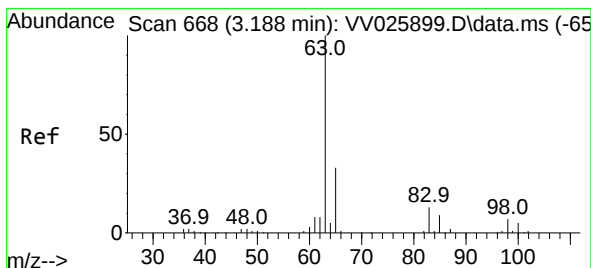
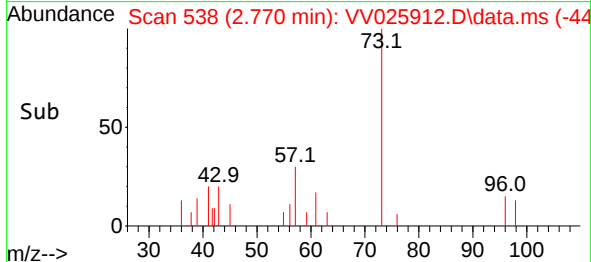
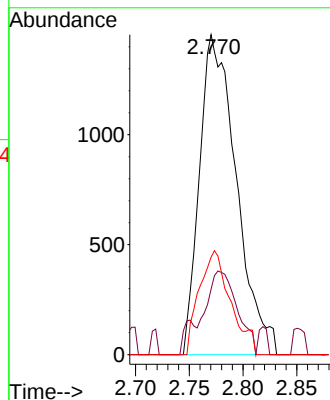
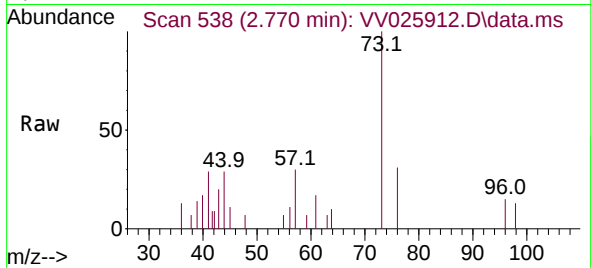




#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025912.D
Acq: 16 May 2022 15:08

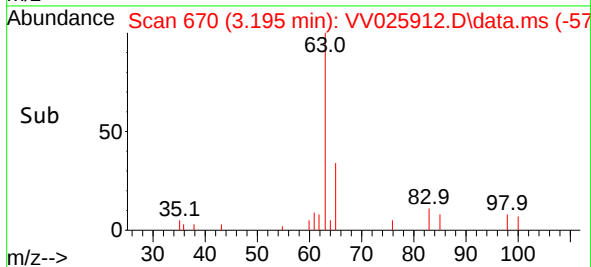
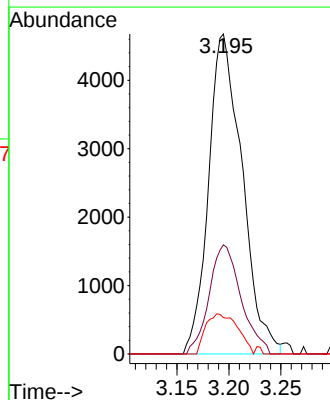
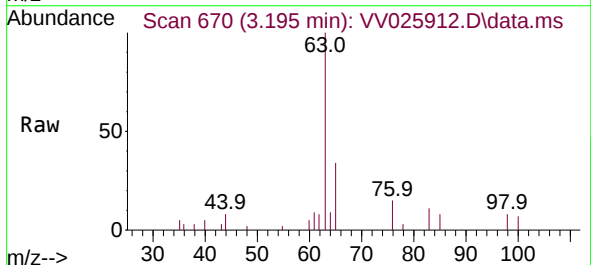
Instrument :
MSVOA_V
ClientSampleId :
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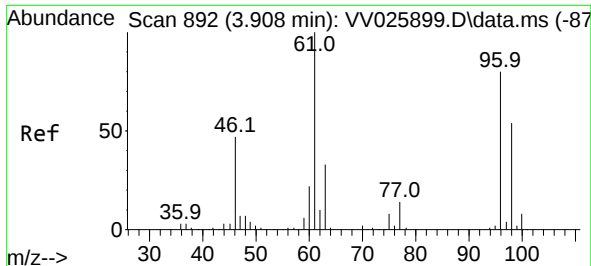
Tgt Ion: 73 Resp: 3461
Ion Ratio Lower Upper
73 100
43 21.7 14.6 22.0
57 27.7 17.9 26.9#



#19
1,1-Dichloroethane
Concen: 0.424 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV025912.D
Acq: 16 May 2022 15:08

Tgt Ion: 63 Resp: 10485
Ion Ratio Lower Upper
63 100
65 34.1 22.3 41.5
83 11.4 10.0 18.6





#22

cis-1,2-Dichloroethene

Concen: 3.159 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.007 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

Instrument :

MSVOA_V

ClientSampleId :

YB2K3

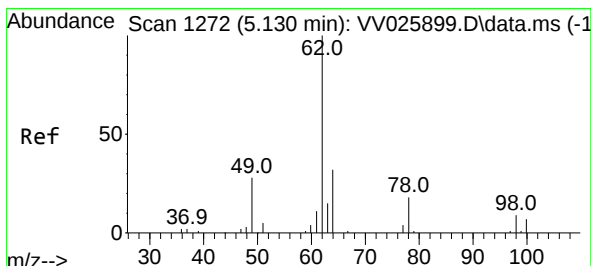
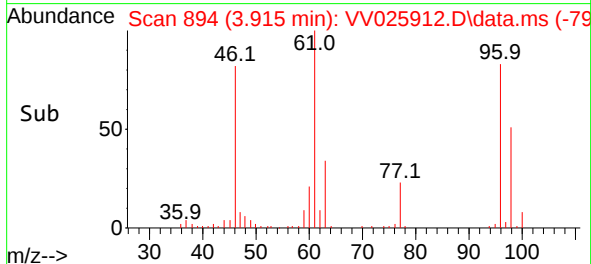
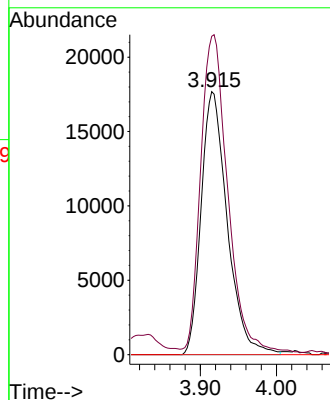
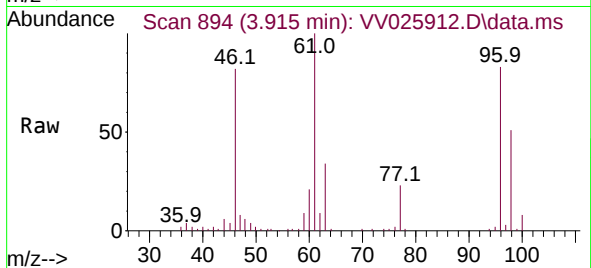
Tgt Ion: 96 Resp: 42157

Ion Ratio Lower Upper

96 100

61 121.0 88.9 165.1

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.136 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.013 min

Lab File: VV025912.D

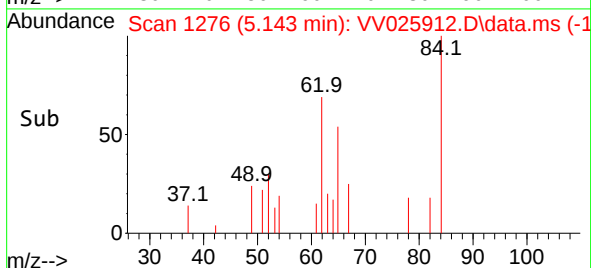
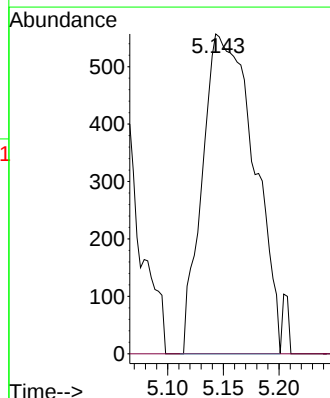
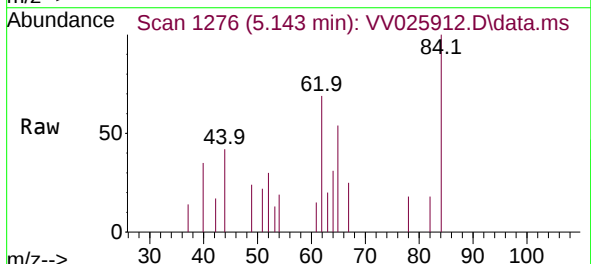
Acq: 16 May 2022 15:08

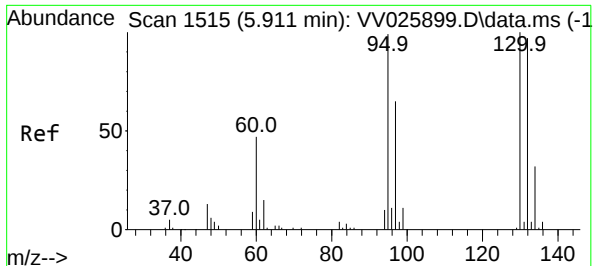
Tgt Ion: 62 Resp: 1796

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#34

Trichloroethene

Concen: 8.282 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

Instrument :

MSVOA_V

ClientSampleId :

YB2K3

Tgt Ion: 95 Resp: 116094

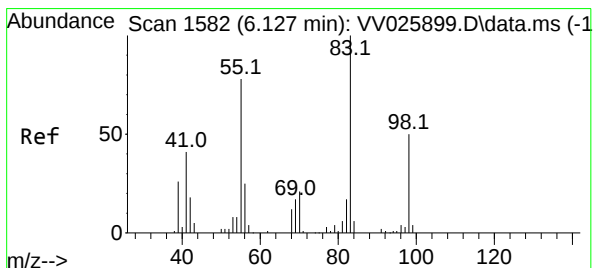
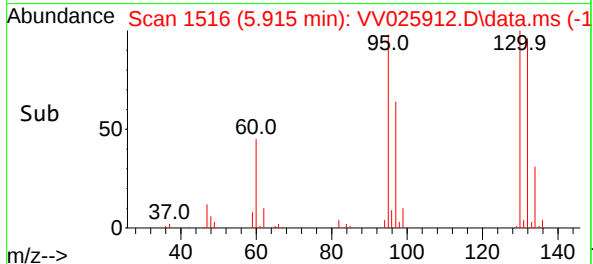
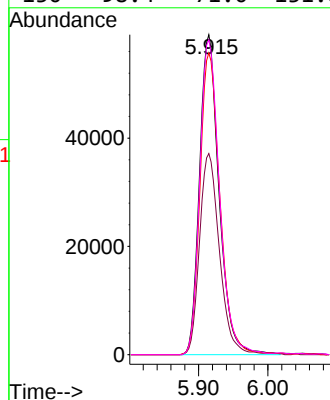
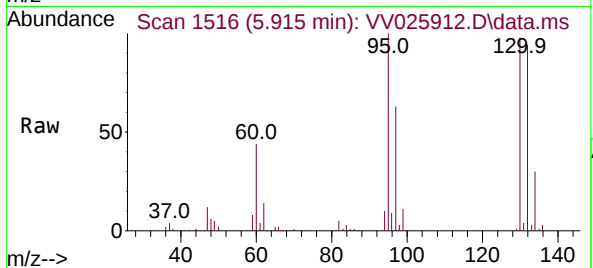
Ion Ratio Lower Upper

95 100

97 62.8 44.9 83.3

132 94.3 67.6 125.6

130 98.4 71.0 131.8



#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

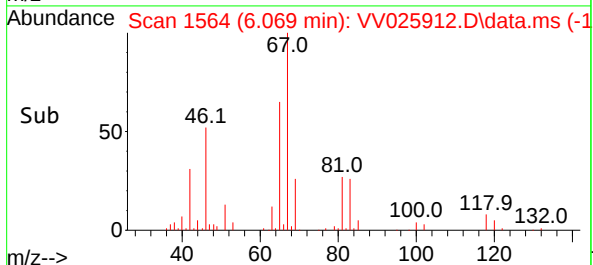
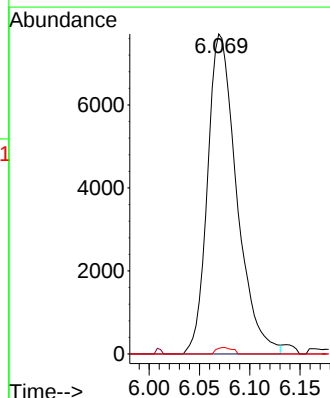
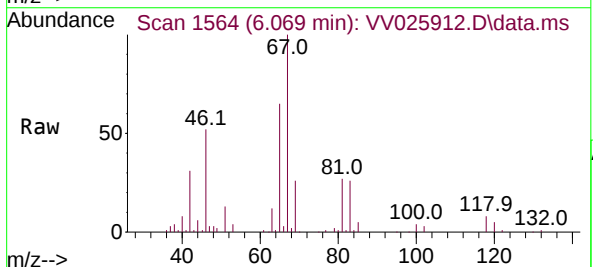
Tgt Ion: 83 Resp: 15562

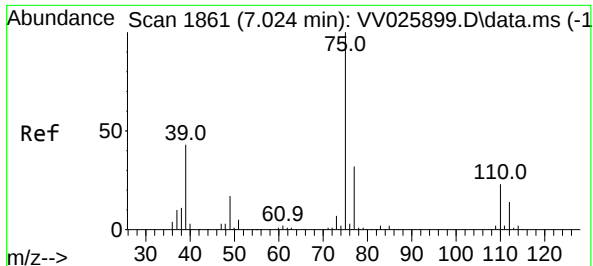
Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

98 1.1 40.6 61.0#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

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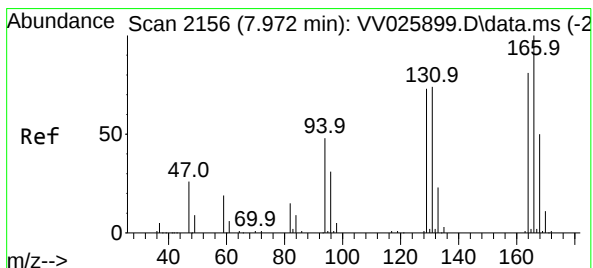
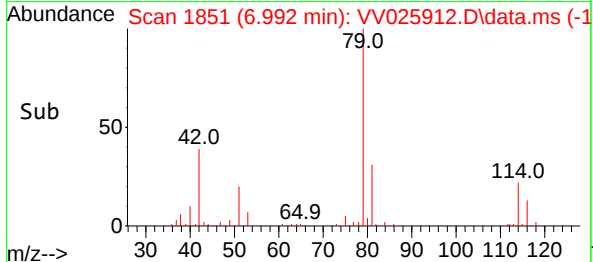
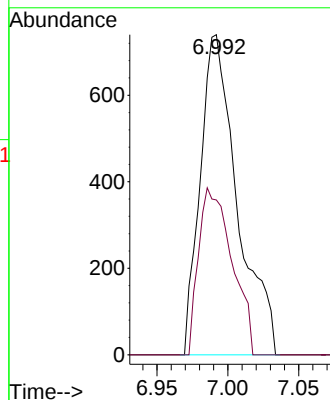
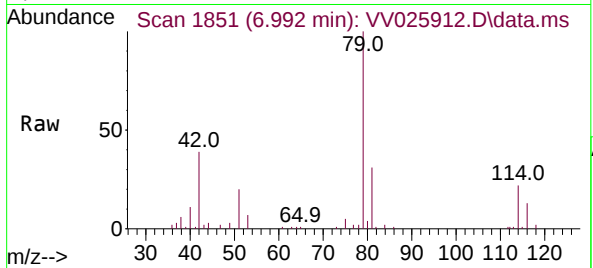
YB2K3

Tgt Ion: 75 Resp: 1348

Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



#47

Tetrachloroethene

Concen: 6.026 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

Tgt Ion: 164 Resp: 65449

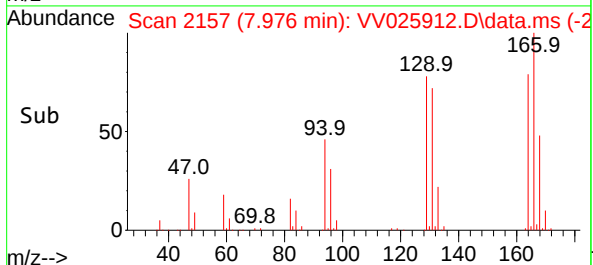
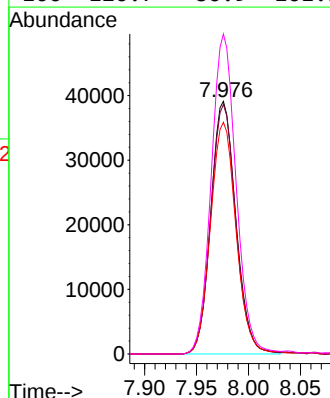
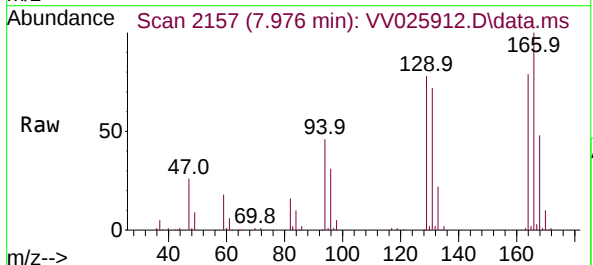
Ion Ratio Lower Upper

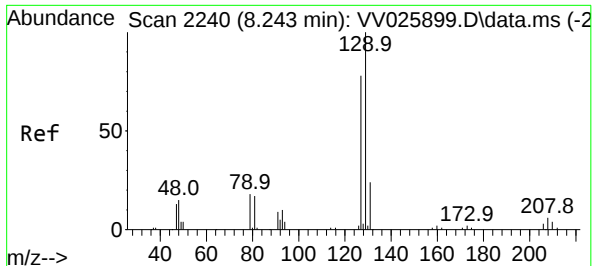
164 100

129 98.8 67.5 125.4

131 91.8 63.8 118.4

166 126.7 86.9 161.3





#49

Dibromochloromethane

Concen: 6.617 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

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MSVOA_V

ClientSampleId :

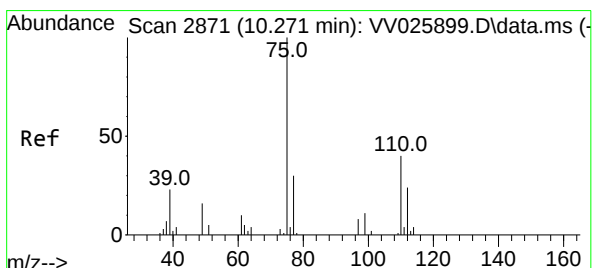
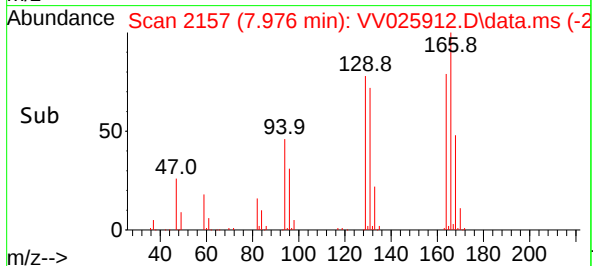
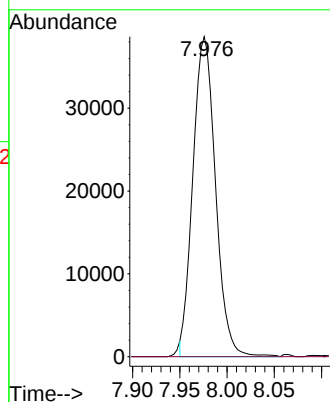
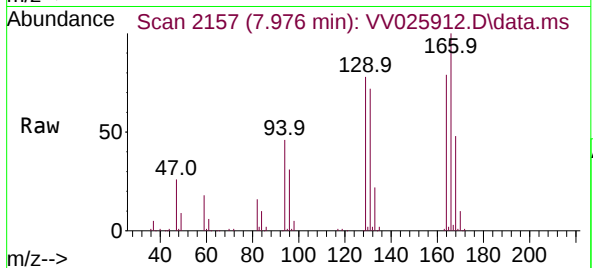
YB2K3

Tgt Ion:129 Resp: 64269

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.536 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

Tgt Ion: 75 Resp: 9059

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 2.3 32.4 48.6#

