

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025914.D
 Acq On : 16 May 2022 16:03
 Operator : SY/MD
 Sample : N2831-01DL 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J8DL

Quant Time: May 17 08:02:48 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)

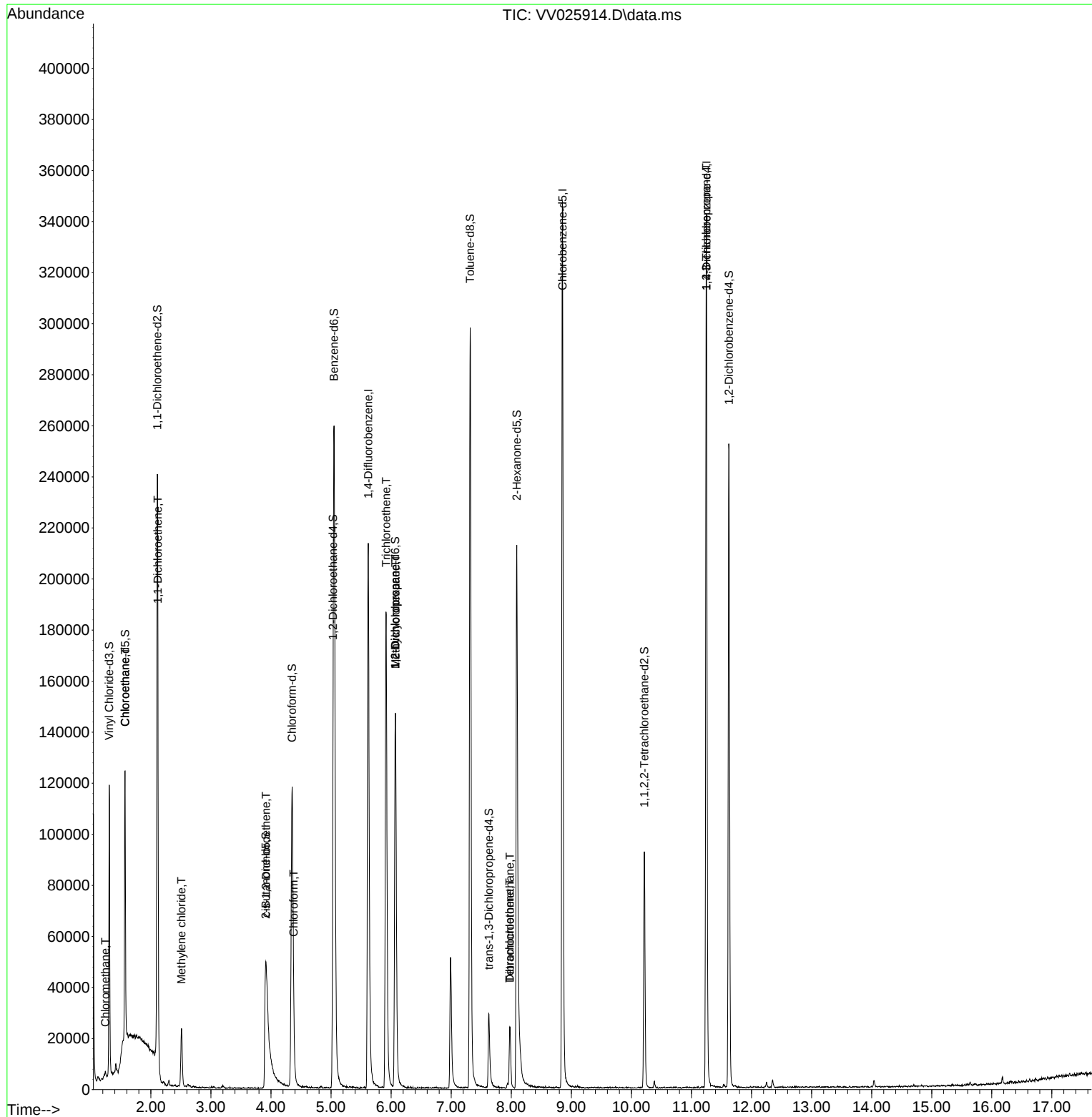
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	185146	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	193301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72132	4.717	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.571	69	66301	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	121548	3.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.912	46	97712	55.178	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.360%
24) Chloroform-d	4.352	84	122383	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.034	65	55010	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	244143	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	74273	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	204666	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.628	79	18062	3.785	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.091	63	75631	42.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45436	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	64656	5.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
3) Chloromethane	1.243	50	943	0.040	ug/L	91
8) Chloroethane	1.571	64	54580	3.430	ug/L #	52
12) 1,1-Dichloroethene	2.117	96	5790	0.325	ug/L #	1
16) Methylene chloride	2.510	84	9183	0.508	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	1311	0.083	ug/L	67
25) Chloroform	4.378	83	2604	0.087	ug/L #	60
34) Trichloroethene	5.915	95	66544	3.980	ug/L	99
35) Methylcyclohexane	6.072	83	17684	0.689	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	8219	0.532	ug/L #	87
47) Tetrachloroethene	7.976	164	5226	0.403	ug/L	86
49) Dibromochloromethane	7.979	129	5307	0.458	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	10722	1.469	ug/L #	66

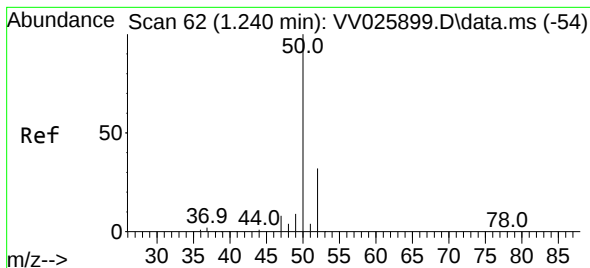
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.040 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025914.D

Acq: 16 May 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

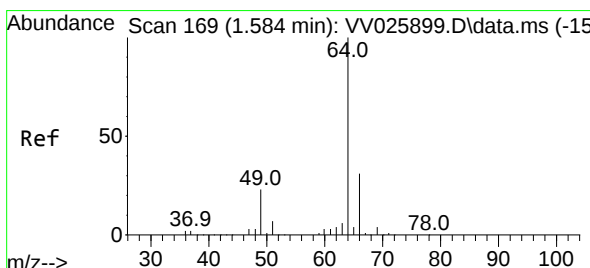
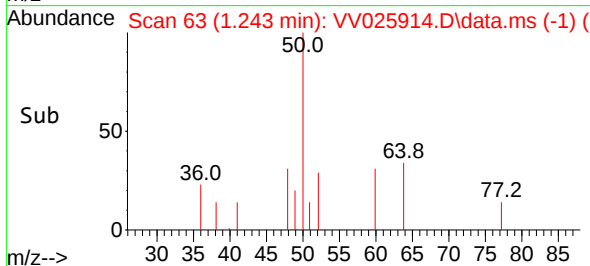
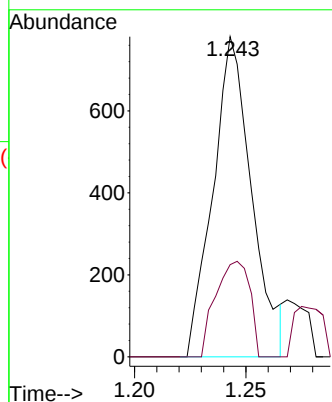
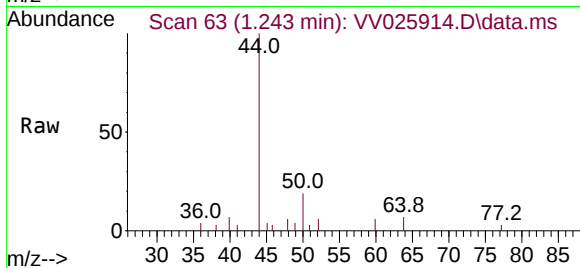
YB2J8DL

Tgt Ion: 50 Resp: 943

Ion Ratio Lower Upper

50 100

52 28.8 23.9 44.3



#8

Chloroethane

Concen: 3.430 ug/L

RT: 1.571 min Scan# 165

Delta R.T. -0.013 min

Lab File: VV025914.D

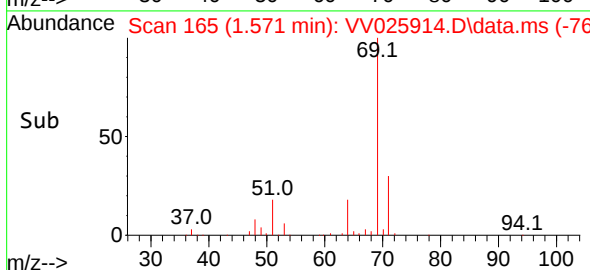
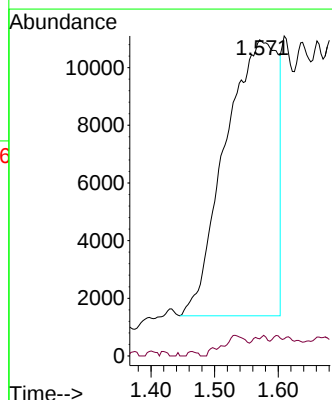
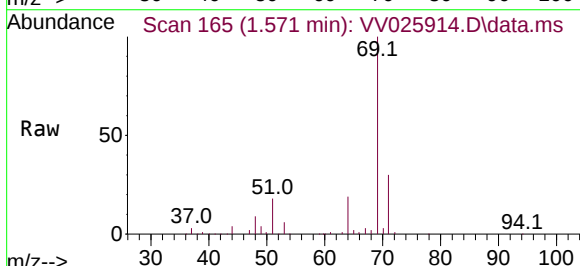
Acq: 16 May 2022 16:03

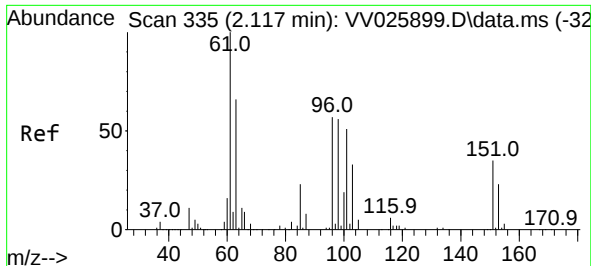
Tgt Ion: 64 Resp: 54580

Ion Ratio Lower Upper

64 100

66 5.4 22.9 42.5#





#12

1,1-Dichloroethene

Concen: 0.325 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025914.D

Acq: 16 May 2022 16:03

Instrument :

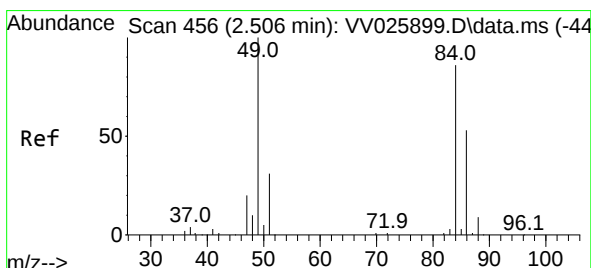
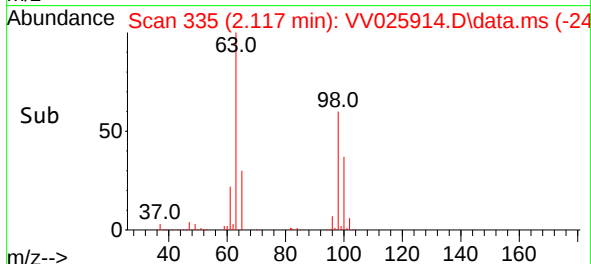
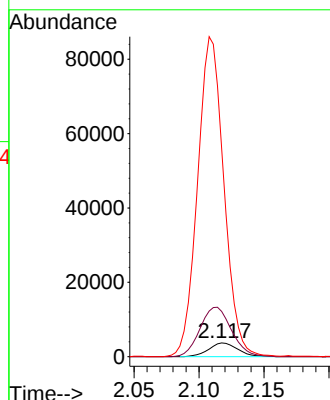
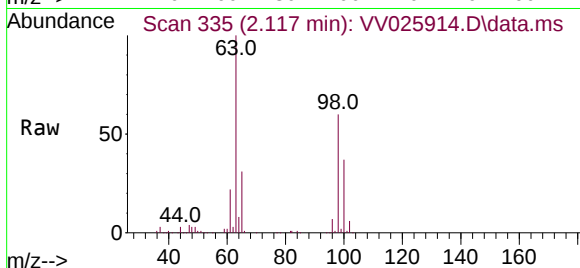
MSVOA_V

ClientSampleId :

YB2J8DL

Tgt Ion: 96 Resp: 5790

Ion	Ratio	Lower	Upper
96	100		
61	327.6	119.8	222.6#
63	1506.1	78.3	145.3#



#16

Methylene chloride

Concen: 0.508 ug/L

RT: 2.510 min Scan# 457

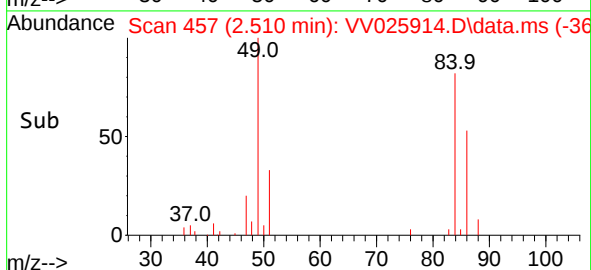
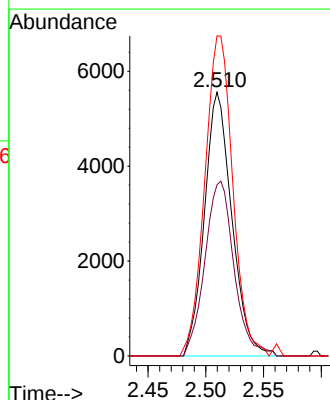
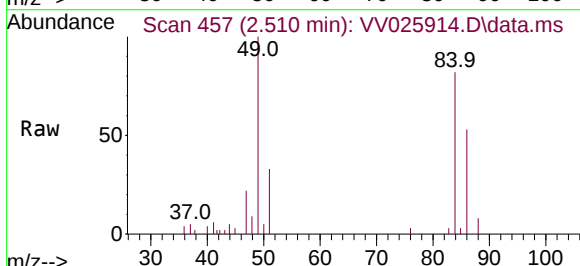
Delta R.T. 0.003 min

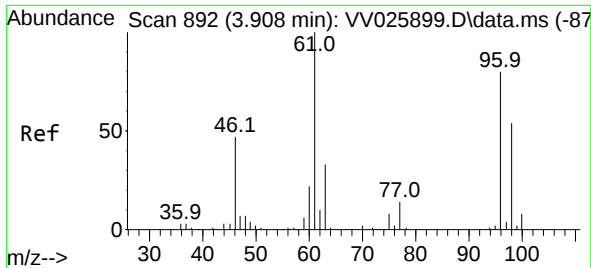
Lab File: VV025914.D

Acq: 16 May 2022 16:03

Tgt Ion: 84 Resp: 9183

Ion	Ratio	Lower	Upper
84	100		
86	64.9	45.4	84.2
49	121.4	85.6	159.0

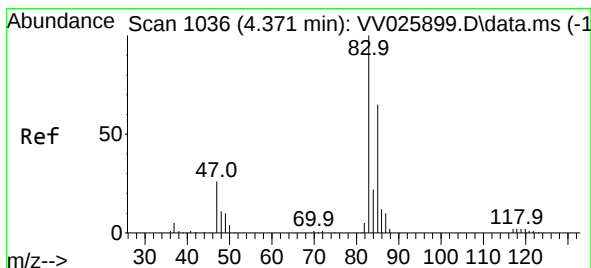
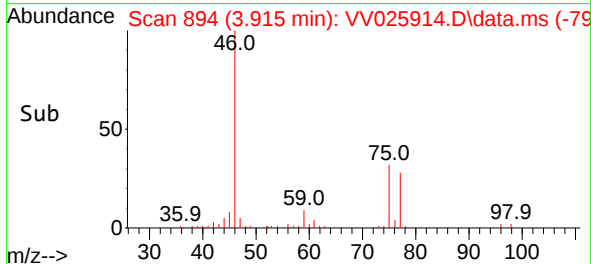
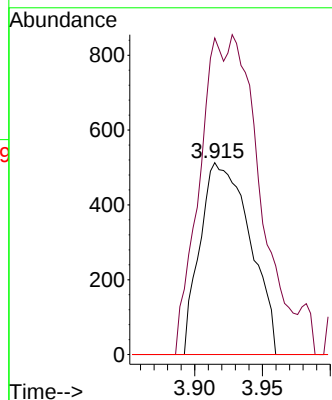
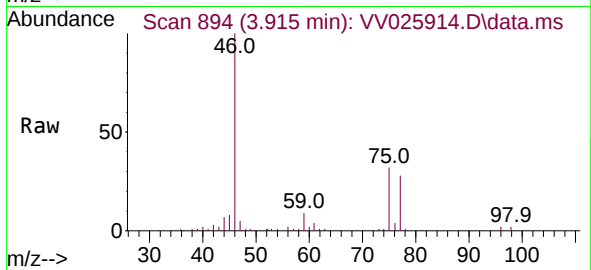




#22
 cis-1,2-Dichloroethene
 Concen: 0.083 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025914.D
 Acq: 16 May 2022 16:03

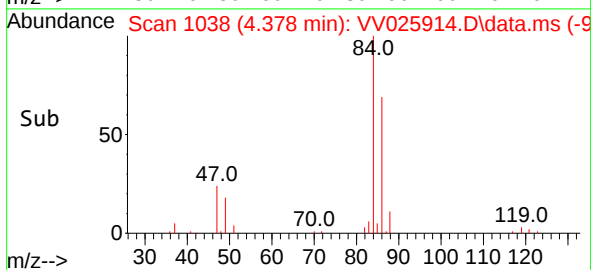
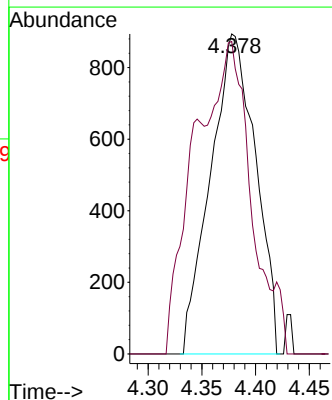
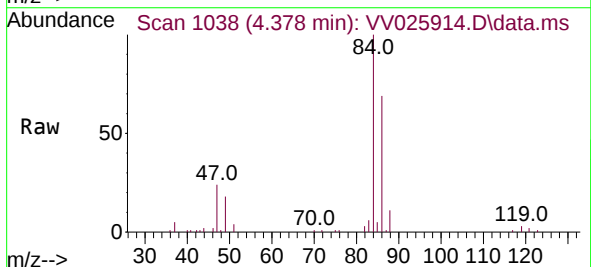
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J8DL

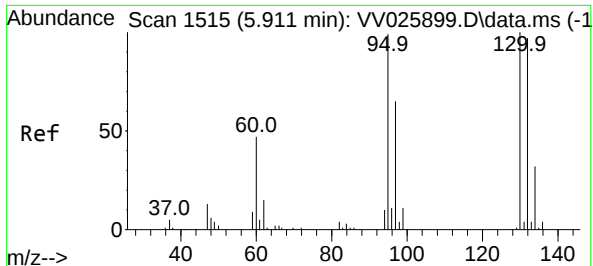
Tgt Ion: 96 Resp: 1311
 Ion Ratio Lower Upper
 96 100
 61 164.9 88.9 165.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.087 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VV025914.D
 Acq: 16 May 2022 16:03

Tgt Ion: 83 Resp: 2604
 Ion Ratio Lower Upper
 83 100
 85 97.7 46.1 85.7#





#34

Trichloroethene

Concen: 3.980 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025914.D

Acq: 16 May 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

YB2J8DL

Tgt Ion: 95 Resp: 66544

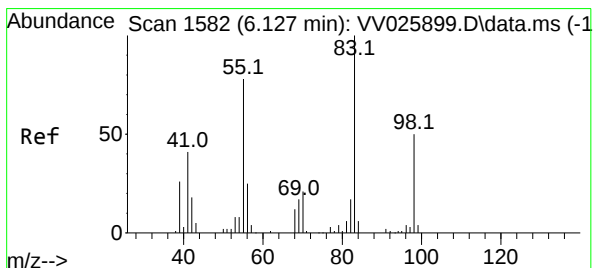
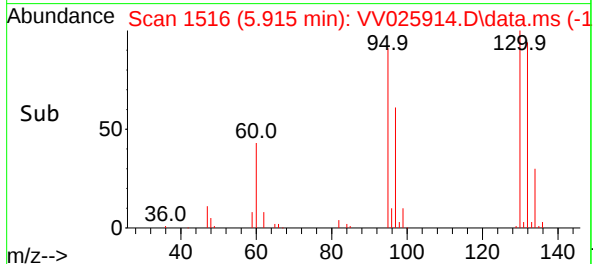
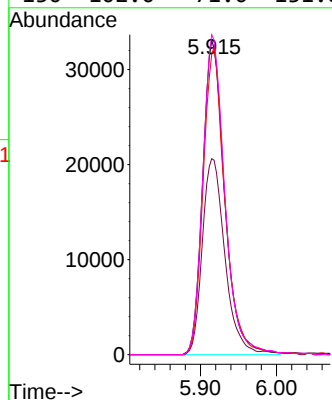
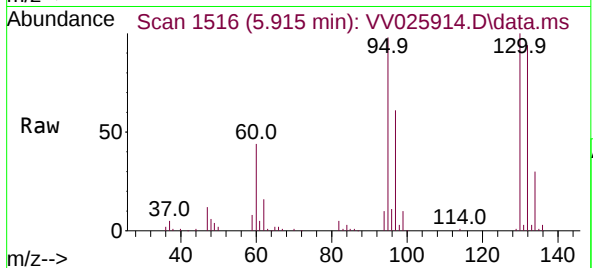
Ion Ratio Lower Upper

95 100

97 62.5 44.9 83.3

132 95.7 67.6 125.6

130 102.0 71.0 131.8



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025914.D

Acq: 16 May 2022 16:03

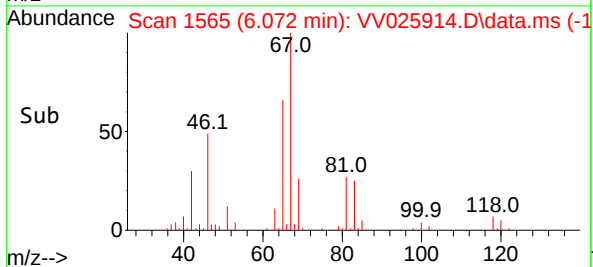
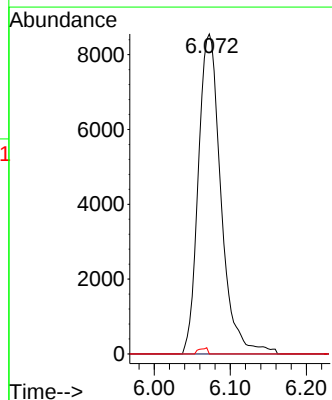
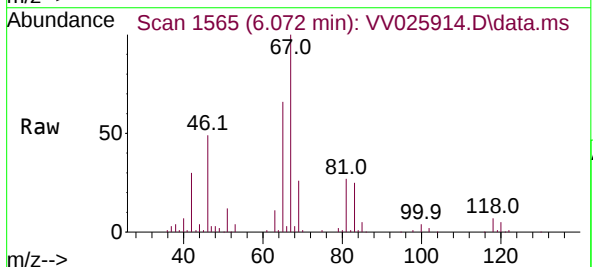
Tgt Ion: 83 Resp: 17684

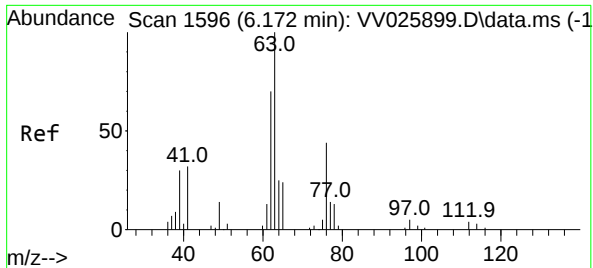
Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

98 0.7 40.6 61.0#

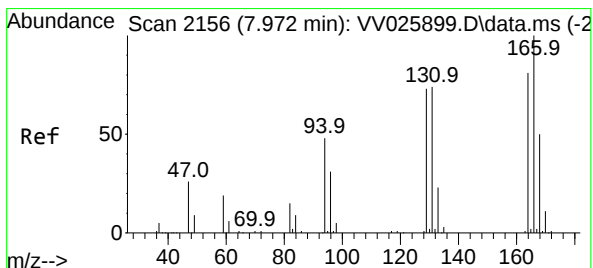
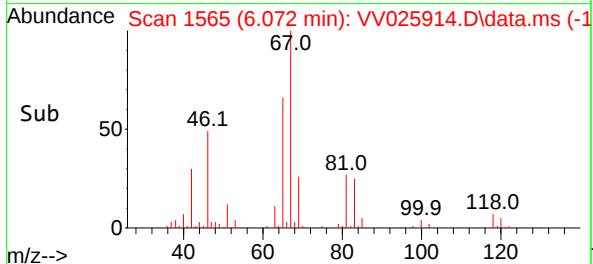
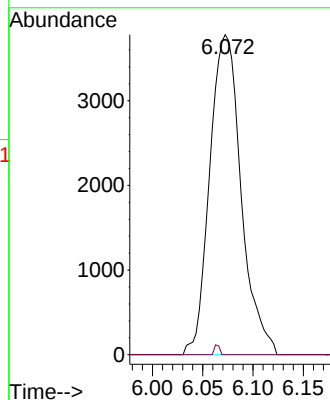
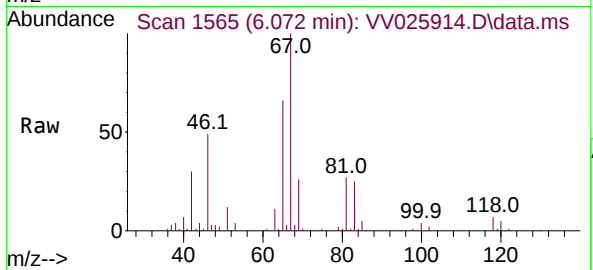




#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025914.D
Acq: 16 May 2022 16:03

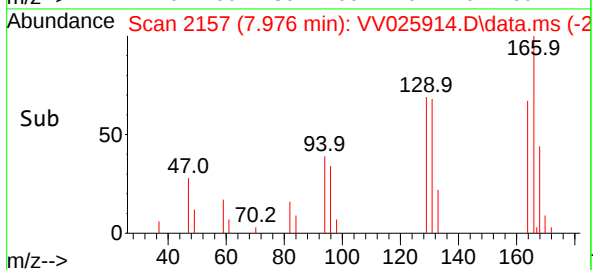
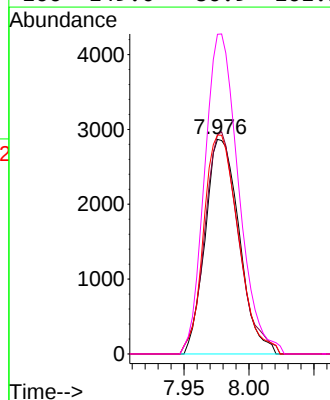
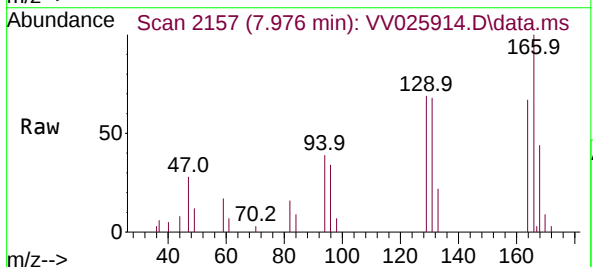
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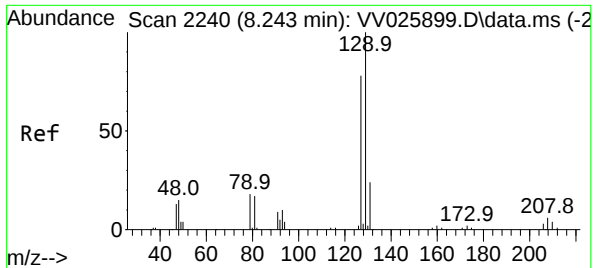
Tgt Ion: 63 Resp: 8219
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#



#47
Tetrachloroethene
Concen: 0.403 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025914.D
Acq: 16 May 2022 16:03

Tgt Ion: 164 Resp: 5226
Ion Ratio Lower Upper
164 100
129 102.1 67.5 125.4
131 102.0 63.8 118.4
166 149.0 86.9 161.3





#49

Dibromochloromethane

Concen: 0.458 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025914.D

Acq: 16 May 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

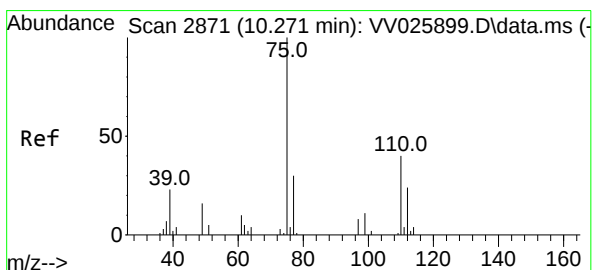
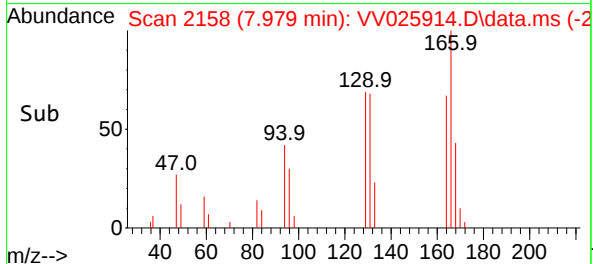
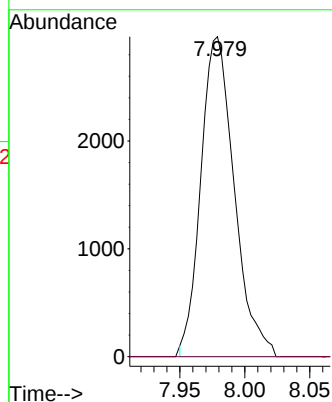
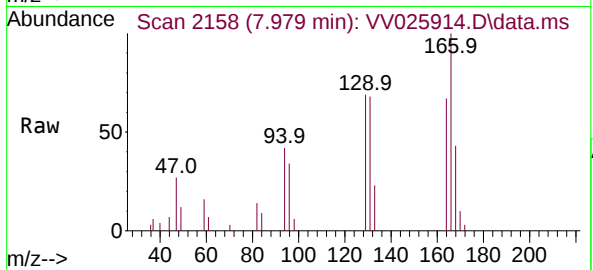
YB2J8DL

Tgt Ion:129 Resp: 5307

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.469 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025914.D

Acq: 16 May 2022 16:03

Tgt Ion: 75 Resp: 10722

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 2.7 32.4 48.6#

