

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025179.D
 Acq On : 25 Mar 2022 15:19
 Operator : SY/MD
 Sample : N2097-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0

Quant Time: Mar 25 23:22:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136223	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44694	4.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	41011	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.111	63	60154	3.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.896	46	98611	75.870	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.740%#
24) Chloroform-d	4.352	84	102070	5.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	5.034	65	45162	6.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.200%
32) Benzene-d6	5.050	84	197869	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.072	67	62277	5.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.400%
41) Toluene-d8	7.317	98	164231	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.625	79	16683	4.360	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	82188	62.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42716	6.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	59954	6.000	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	1865	0.114	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	8223	0.931	ug/L	98
12) 1,1-Dichloroethene	2.121	96	2104	0.242	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	26965	1.427	ug/L	97
19) 1,1-Dichloroethane	3.195	63	9179	0.516	ug/L #	91
22) cis-1,2-Dichloroethene	3.921	96	339	0.032	ug/L	75
25) Chloroform	4.378	83	19945	1.078	ug/L	99
27) 1,2-Dichloroethane	5.050	62	851	0.092	ug/L #	71
29) 1,1,1-Trichloroethane	4.613	97	24482	1.459	ug/L	99
31) Carbon tetrachloride	4.606	117	3120	0.217	ug/L	90
34) Trichloroethene	5.918	95	39096	3.431	ug/L	97
35) Methylcyclohexane	6.069	83	15331	0.850	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6255	0.636	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1063	0.078	ug/L #	56
47) Tetrachloroethene	7.976	164	9801	1.223	ug/L	93
49) Dibromochloromethane	7.976	129	9507	1.293	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6609	1.331	ug/L #	65

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QLast Update : Fri Mar 25 23:19:44 2022
Response via : Initial Calibration

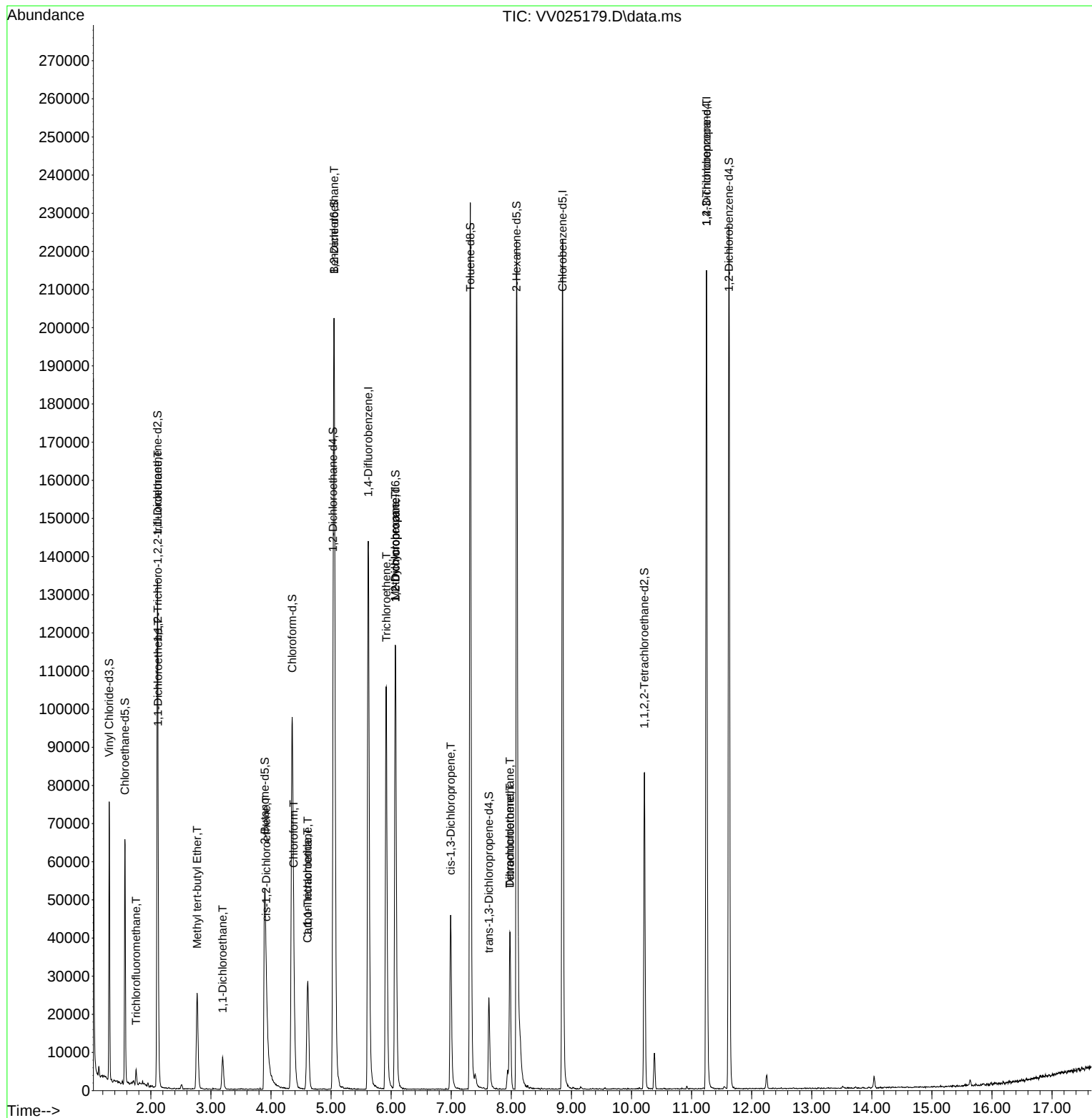
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

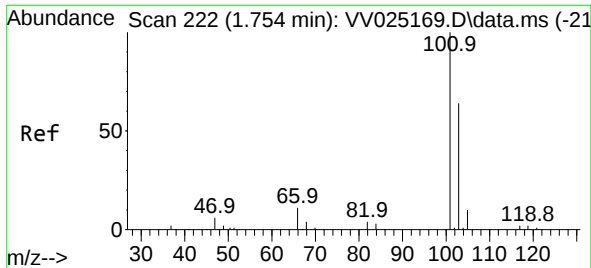
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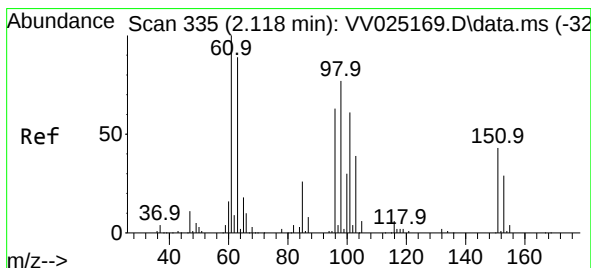
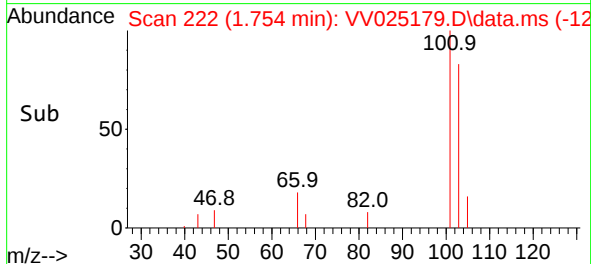
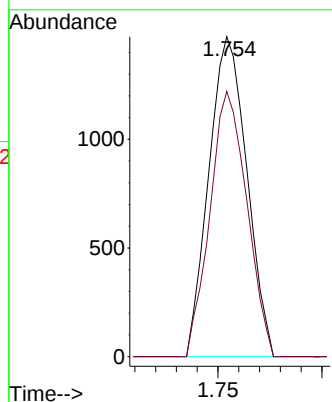
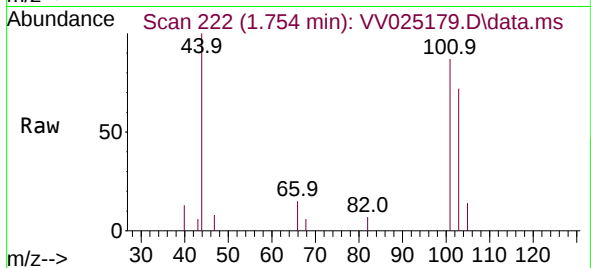




#9
Trichlorofluoromethane
Concen: 0.114 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

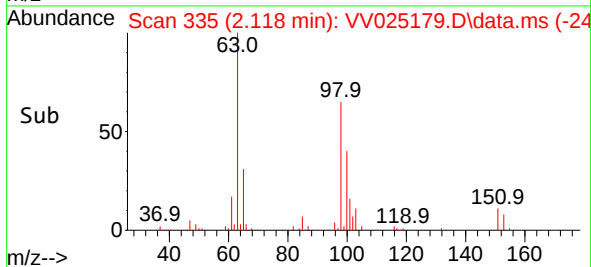
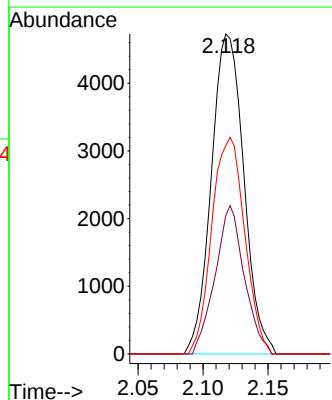
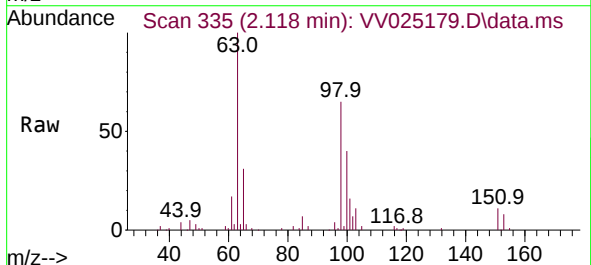
Instrument :
MSVOA_V
ClientSampleId :
C0AD0

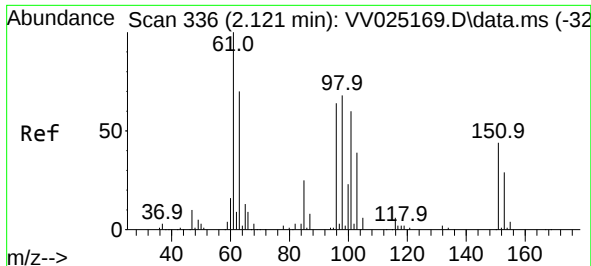
Tgt Ion:101 Resp: 1865
Ion Ratio Lower Upper
101 100
103 80.6 51.5 77.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.931 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

Tgt Ion:101 Resp: 8223
Ion Ratio Lower Upper
101 100
85 41.7 34.8 52.2
151 68.4 55.6 83.4

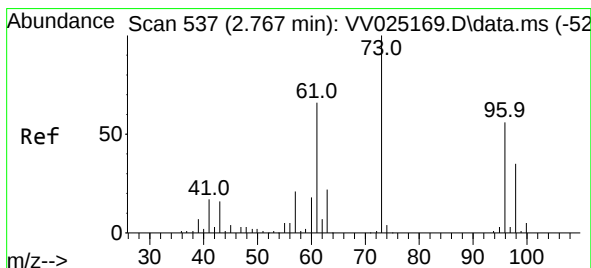
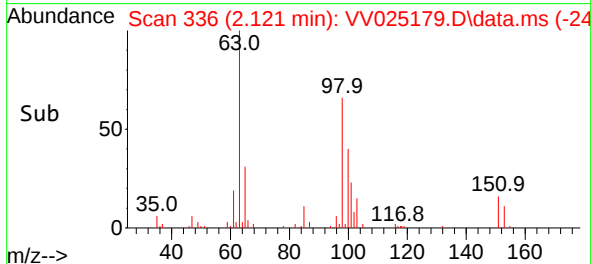
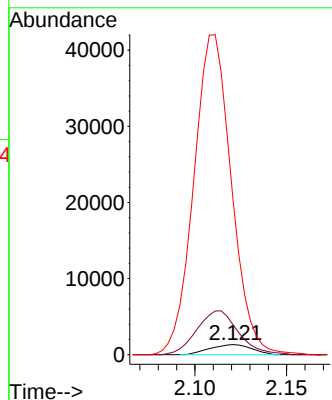
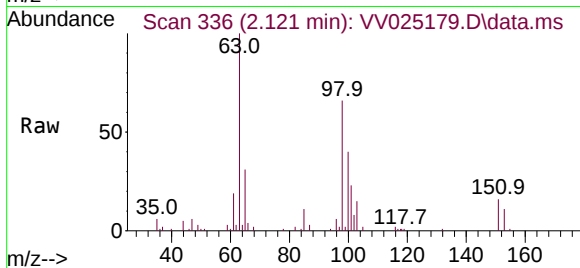




#12
1,1-Dichloroethene
Concen: 0.242 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

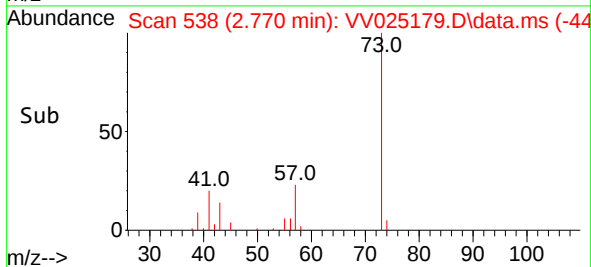
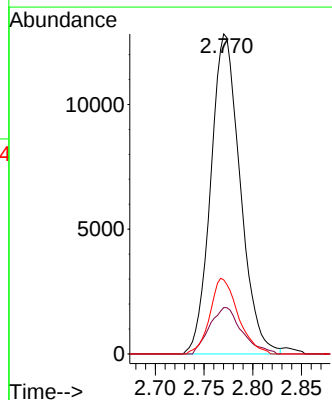
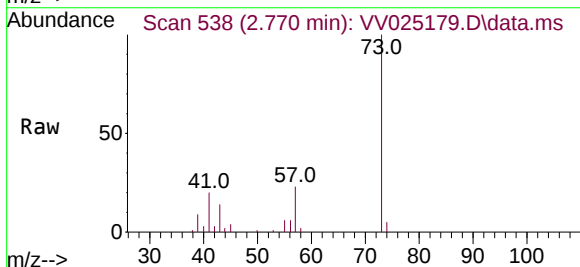
Instrument :
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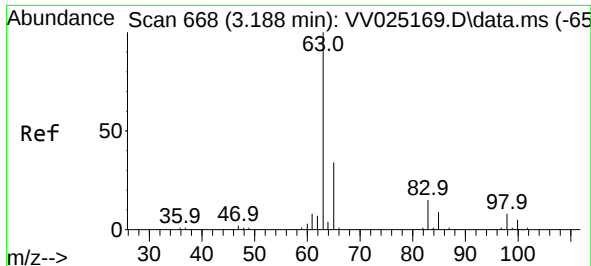
Tgt Ion: 96 Resp: 2104
Ion Ratio Lower Upper
96 100
61 299.1 113.0 209.9#
63 1546.0 82.1 152.5#



#17
Methyl tert-butyl Ether
Concen: 1.427 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

Tgt Ion: 73 Resp: 26965
Ion Ratio Lower Upper
73 100
43 15.9 13.2 19.8
57 22.5 16.7 25.1





#19

1,1-Dichloroethane

Concen: 0.516 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025179.D

Acq: 25 Mar 2022 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0AD0

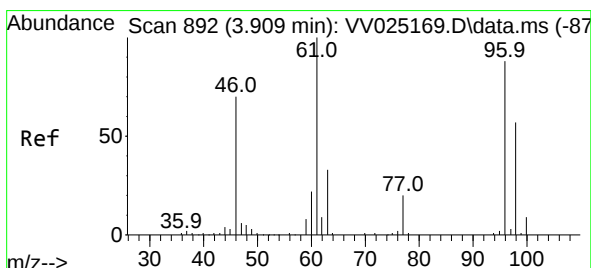
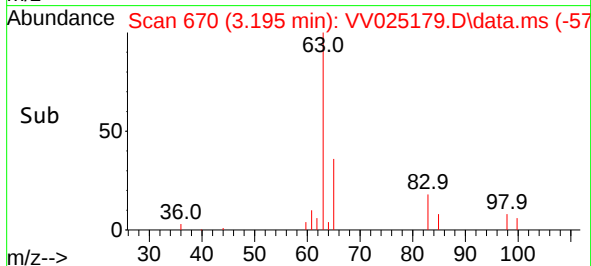
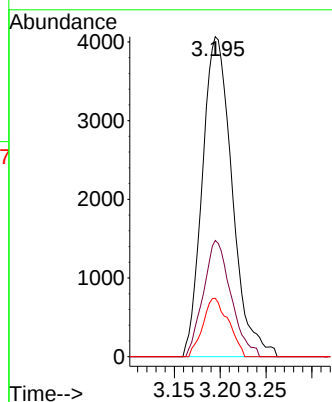
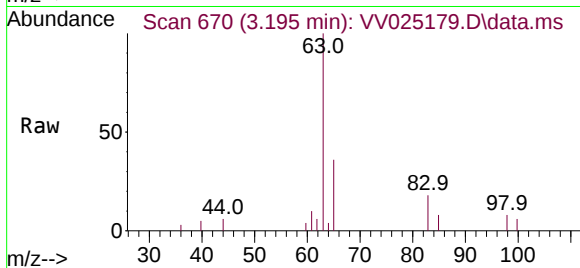
Tgt Ion: 63 Resp: 9179

Ion Ratio Lower Upper

63 100

65 36.3 22.2 41.2

83 18.3 9.4 17.4#



#22

cis-1,2-Dichloroethene

Concen: 0.032 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV025179.D

Acq: 25 Mar 2022 15:19

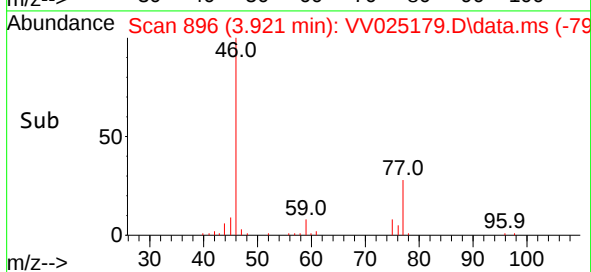
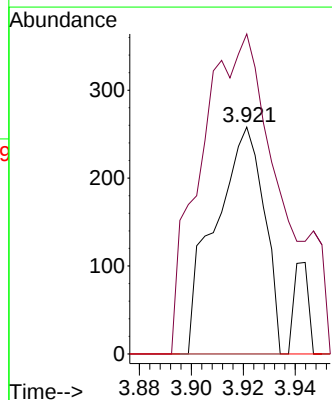
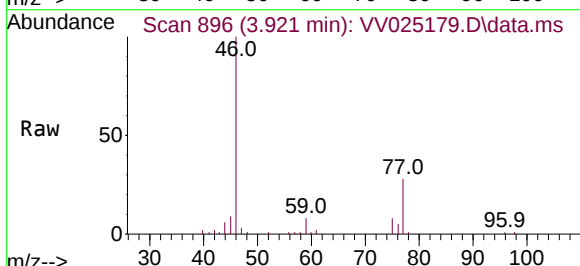
Tgt Ion: 96 Resp: 339

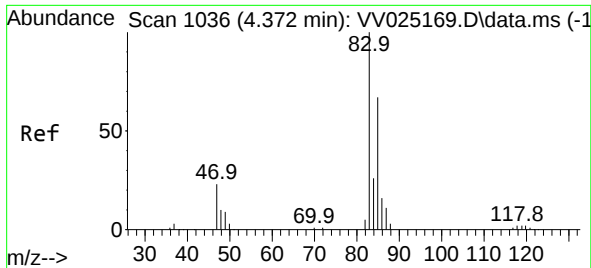
Ion Ratio Lower Upper

96 100

61 141.1 79.7 147.9

68 0.0 0.0 0.0

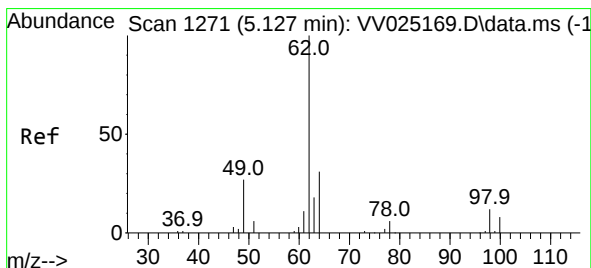
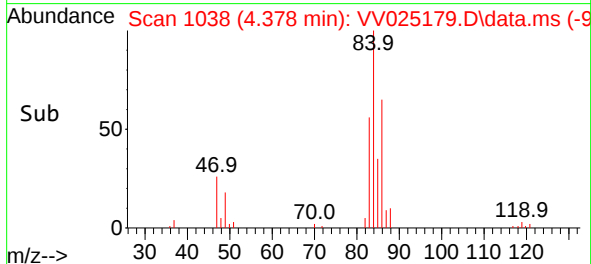
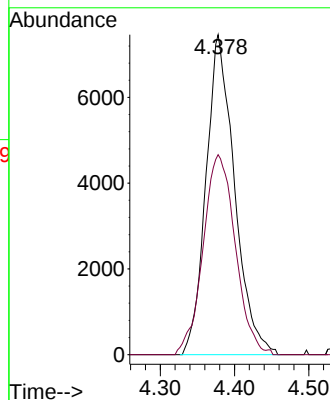
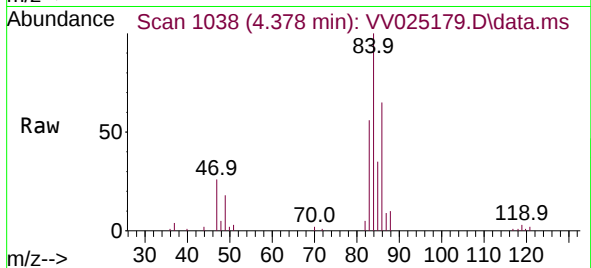




#25
Chloroform
Concen: 1.078 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

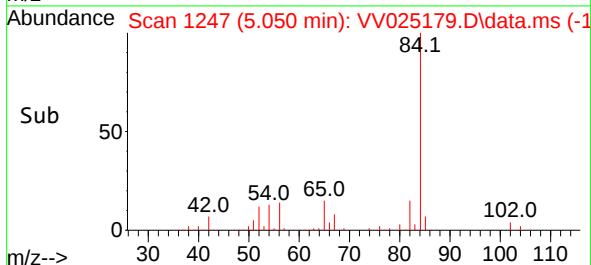
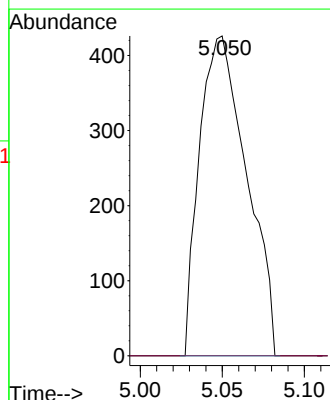
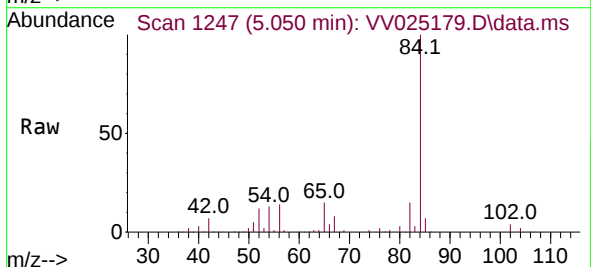
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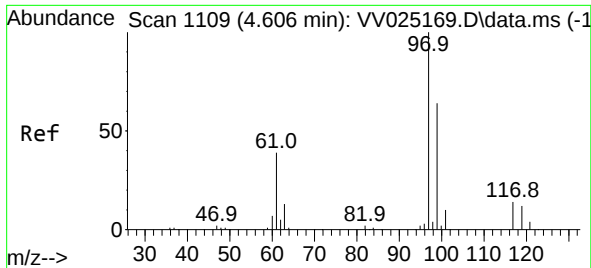
Tgt Ion: 83 Resp: 19945
Ion Ratio Lower Upper
83 100
85 62.5 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

Tgt Ion: 62 Resp: 851
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

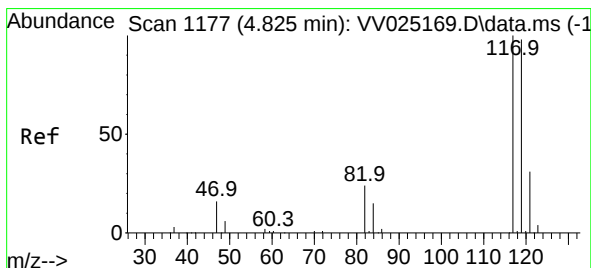
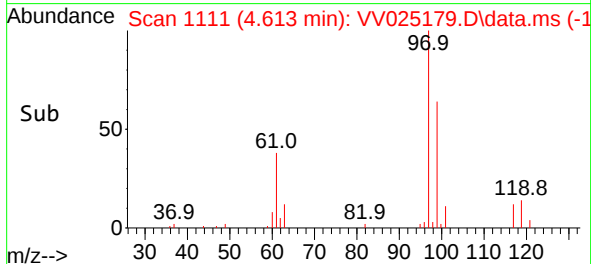
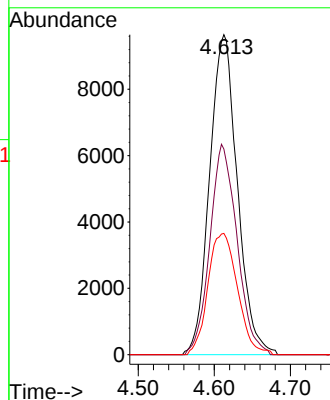
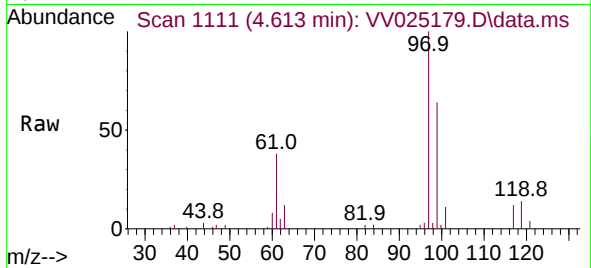




#29
1,1,1-Trichloroethane
Concen: 1.459 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

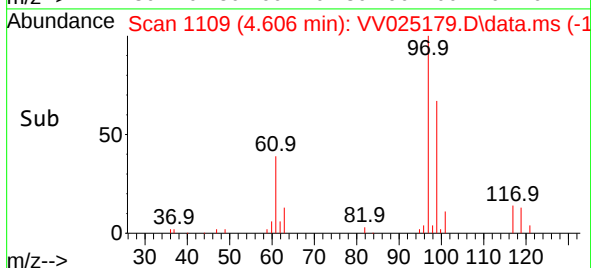
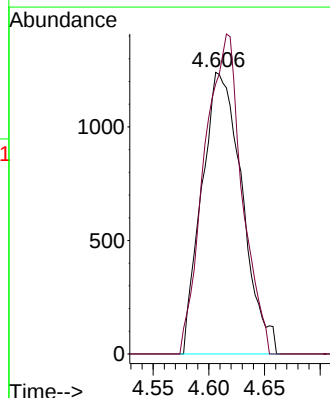
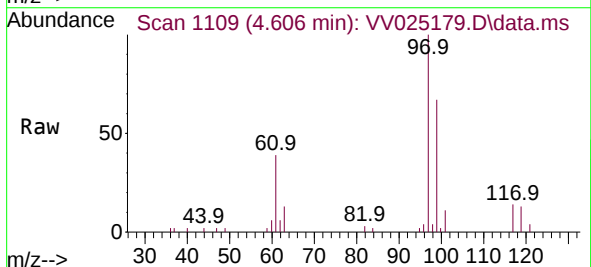
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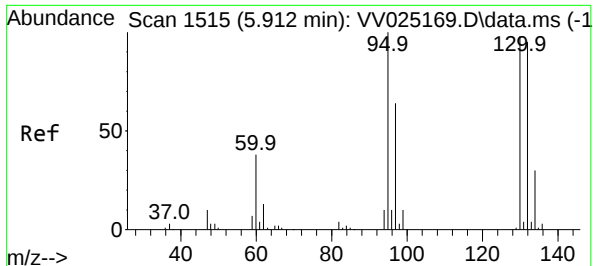
Tgt Ion: 97 Resp: 24482
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 40.4 32.4 48.6



#31
Carbon tetrachloride
Concen: 0.217 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.219 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

Tgt Ion: 117 Resp: 3120
Ion Ratio Lower Upper
117 100
119 106.1 76.8 115.2

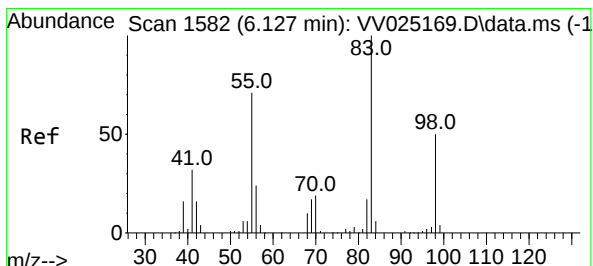
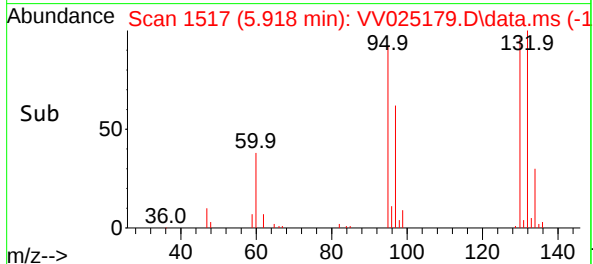
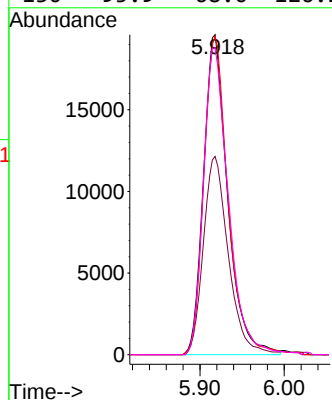
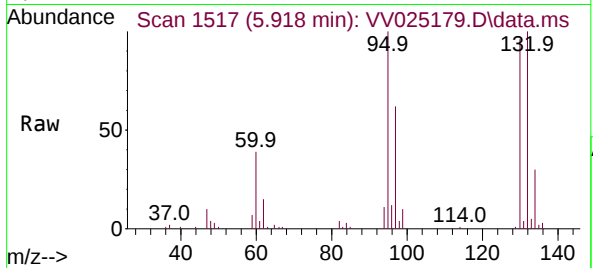




#34
Trichloroethene
Concen: 3.431 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

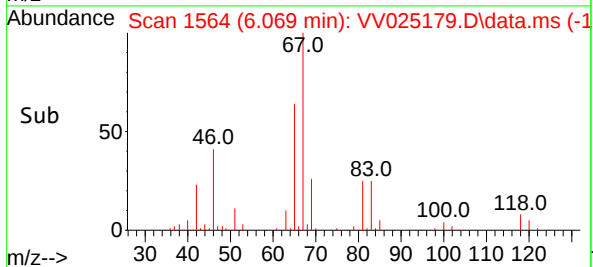
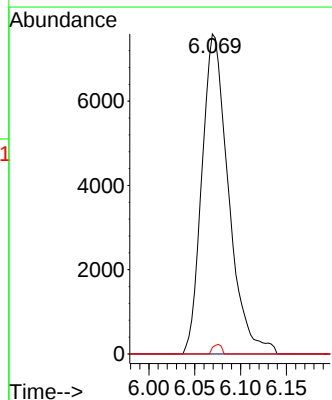
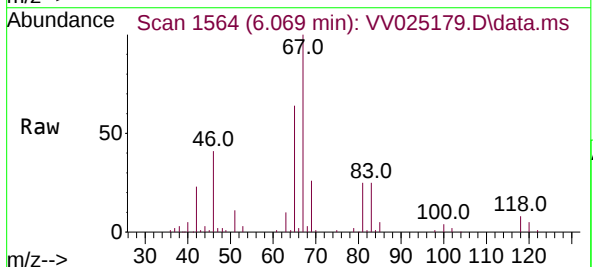
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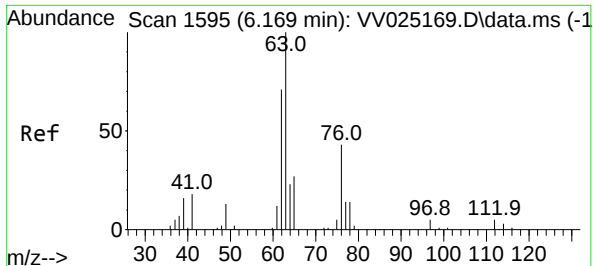
Tgt Ion: 95 Resp: 39096
Ion Ratio Lower Upper
95 100
97 62.0 44.5 82.7
132 99.6 66.5 123.5
130 95.9 68.0 126.2



#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025179.D
Acq: 25 Mar 2022 15:19

Tgt Ion: 83 Resp: 15331
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 1.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025179.D

Acq: 25 Mar 2022 15:19

Instrument :

MSVOA_V

ClientSampleId :

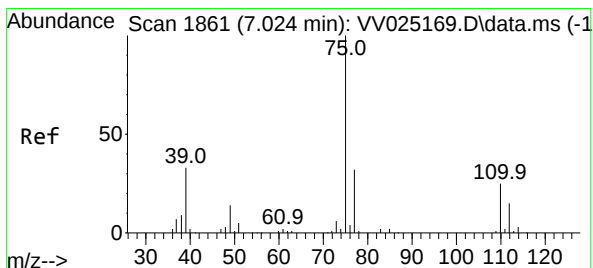
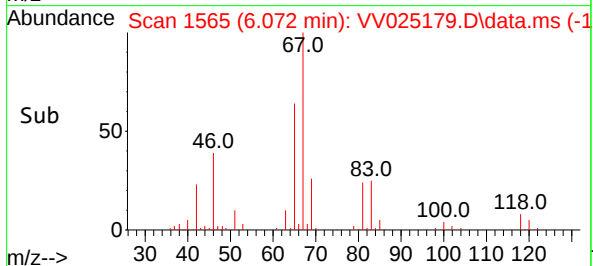
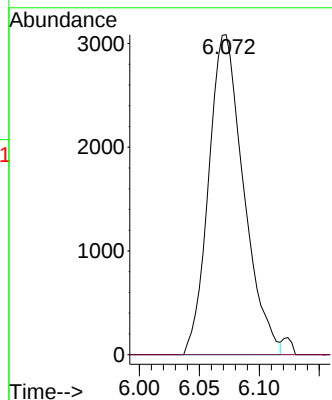
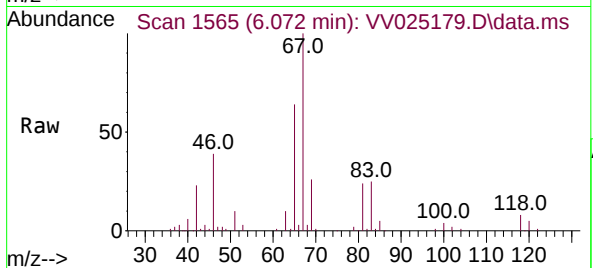
C0AD0

Tgt Ion: 63 Resp: 6255

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025179.D

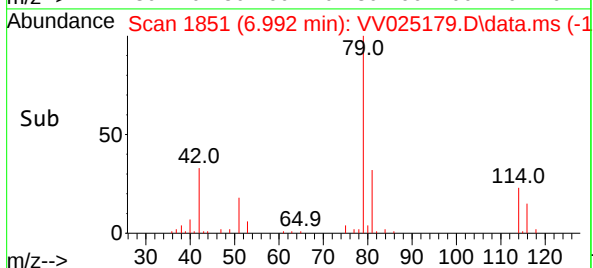
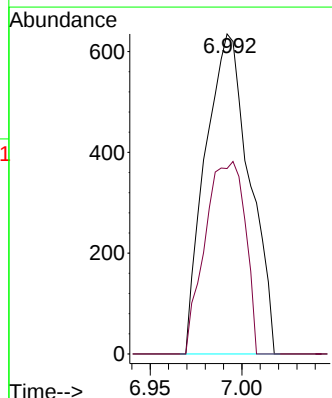
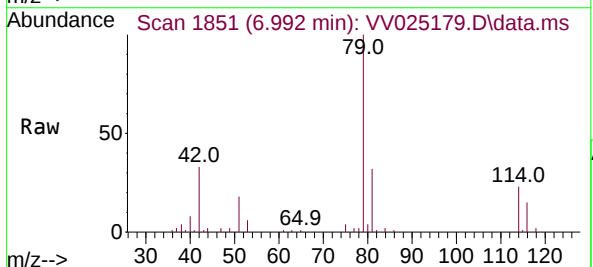
Acq: 25 Mar 2022 15:19

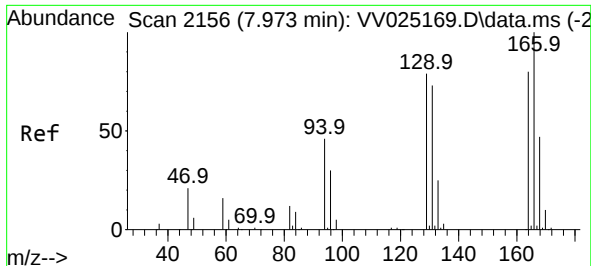
Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

77 58.0 23.0 42.8#





#47

Tetrachloroethene

Concen: 1.223 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025179.D

Acq: 25 Mar 2022 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0AD0

Tgt Ion:164 Resp: 9801

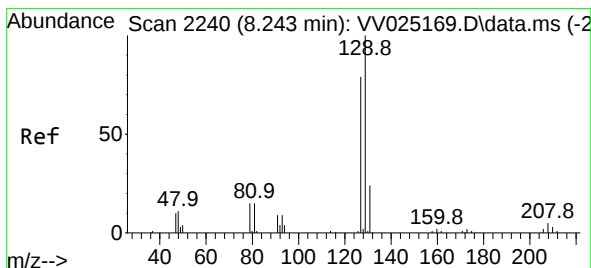
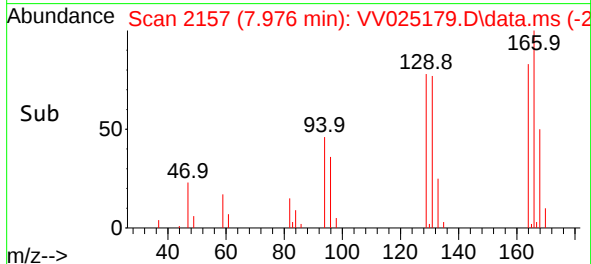
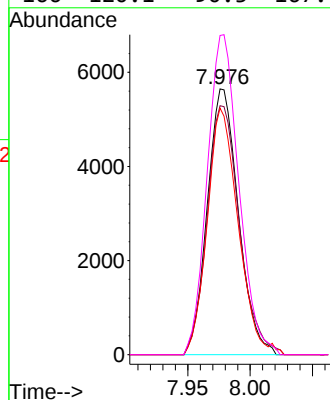
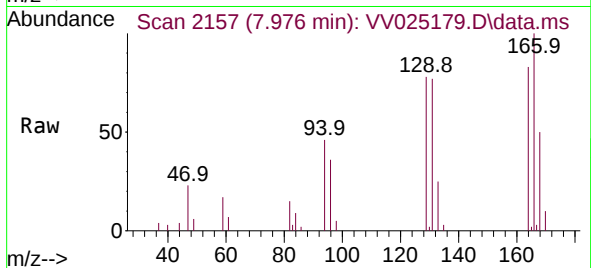
Ion Ratio Lower Upper

164 100

129 93.7 70.3 130.7

131 92.8 69.4 129.0

166 120.1 90.3 167.7



#49

Dibromochloromethane

Concen: 1.293 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025179.D

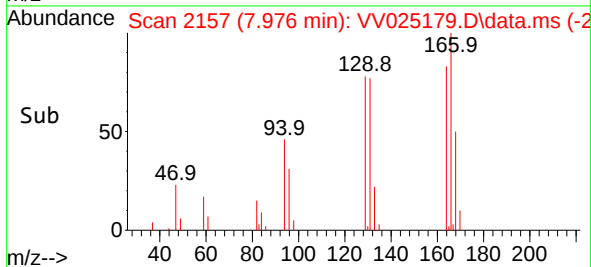
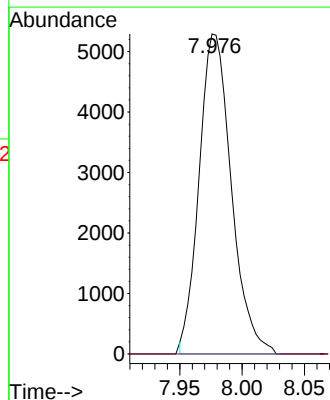
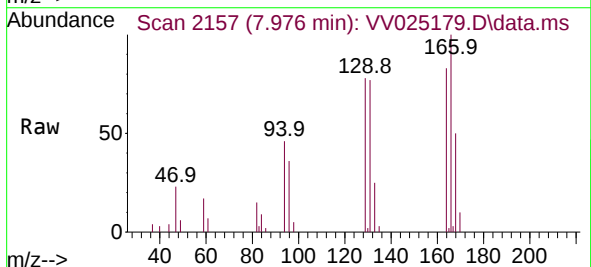
Acq: 25 Mar 2022 15:19

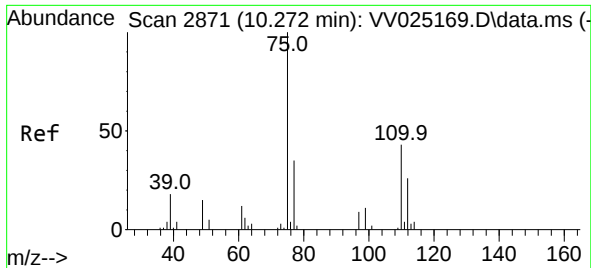
Tgt Ion:129 Resp: 9507

Ion Ratio Lower Upper

129 100

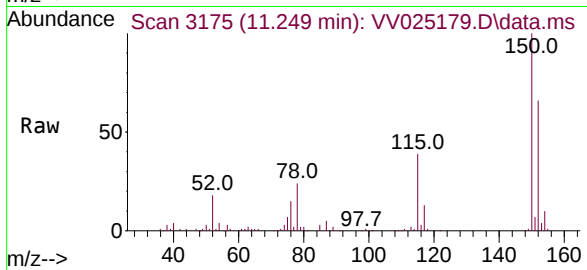
127 0.0 54.9 102.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.331 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025179.D
 Acq: 25 Mar 2022 15:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0



Tgt Ion: 75	Resp:	6609
Ion	Ratio	Lower Upper
75	100	
77	30.1	25.7 38.5
110	1.6	31.2 46.8#

