

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025210.D
 Acq On : 26 Mar 2022 19:56
 Operator : SY/MD
 Sample : N2097-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD3

Quant Time: Mar 28 02:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

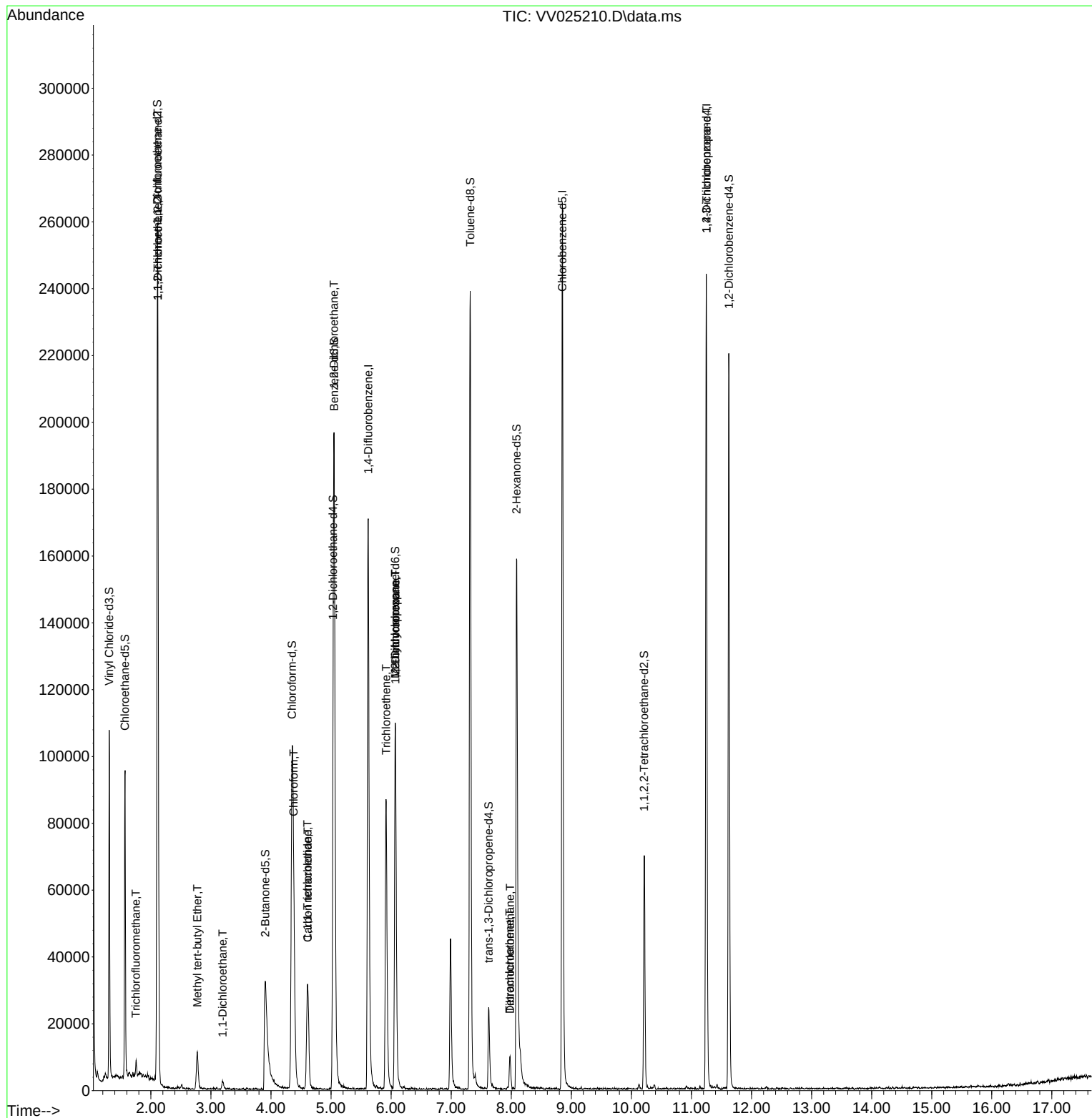
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153771	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63821	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	56809	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.108	63	102340	3.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.905	46	66704	46.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.240%
24) Chloroform-d	4.349	84	92573	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.034	65	41624	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.053	84	185658	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.069	67	55469	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.317	98	161668	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	14701	4.247	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	58370	46.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32741	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	53887	5.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
9) Trichlorofluoromethane	1.751	101	2370	0.087	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	32174	1.980	ug/L	99
12) 1,1-Dichloroethene	2.117	96	1808	0.117	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	11148	0.569	ug/L #	95
19) 1,1-Dichloroethane	3.195	63	2686	0.145	ug/L #	94
25) Chloroform	4.378	83	49062	2.384	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1110	0.104	ug/L #	73
29) 1,1,1-Trichloroethane	4.609	97	26231	1.450	ug/L	100
31) Carbon tetrachloride	4.613	117	3340	0.213	ug/L	95
34) Trichloroethene	5.915	95	30342	2.517	ug/L	97
35) Methylcyclohexane	6.069	83	13629	0.722	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6034	0.593	ug/L #	86
47) Tetrachloroethene	7.976	164	2203	0.248	ug/L	94
49) Dibromochloromethane	7.982	129	2071	0.276	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8036	1.649	ug/L #	67

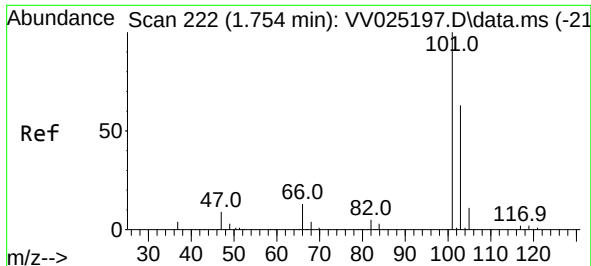
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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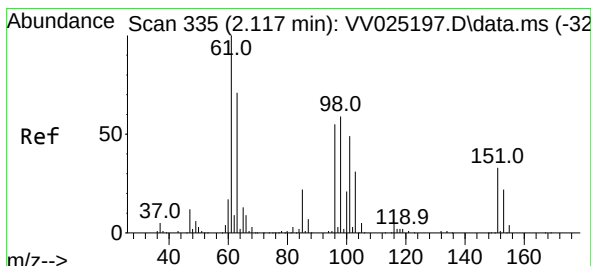
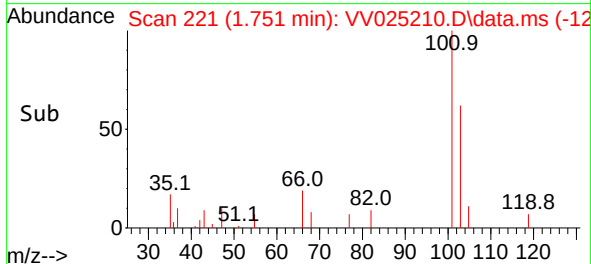
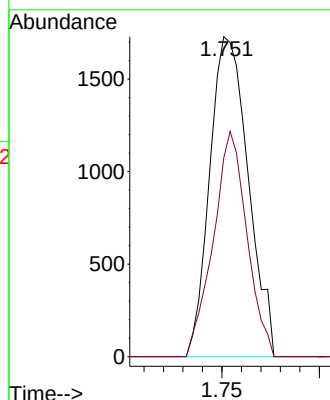
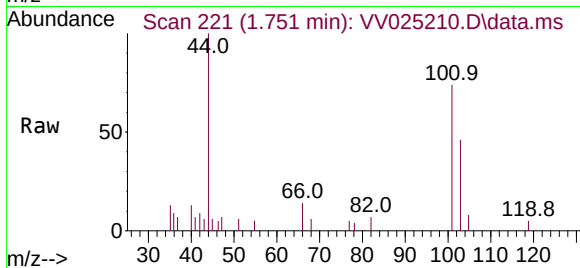




#9
 Trichlorofluoromethane
 Concen: 0.087 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025210.D
 Acq: 26 Mar 2022 19:56

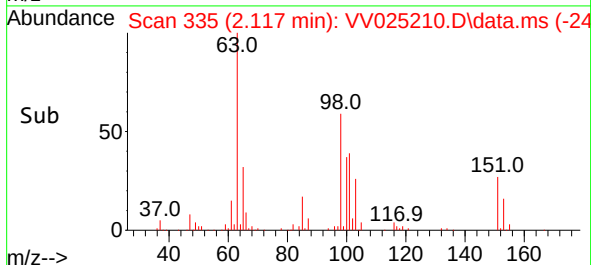
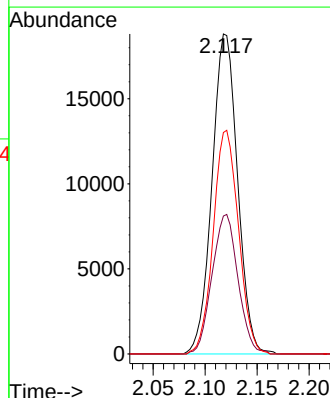
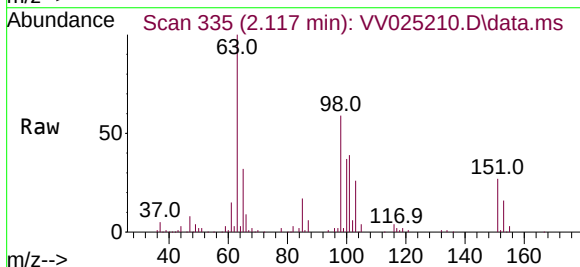
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD3

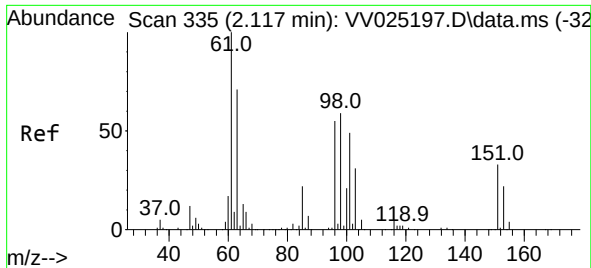
Tgt Ion:101 Resp: 2370
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.2 78.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.980 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025210.D
 Acq: 26 Mar 2022 19:56

Tgt Ion:101 Resp: 32174
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.0 54.0
 151 69.1 54.6 81.8

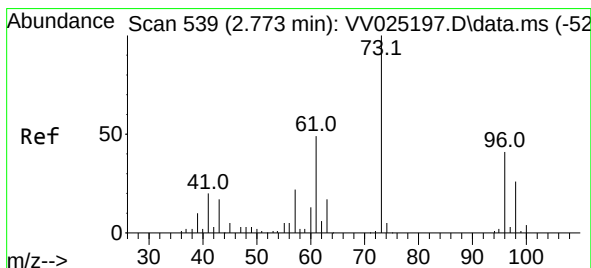
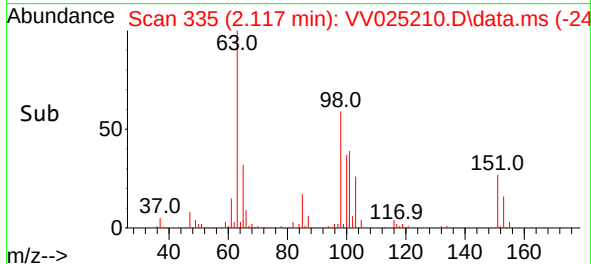
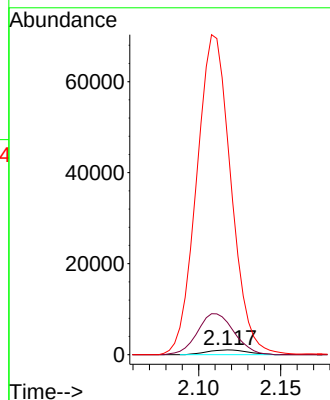
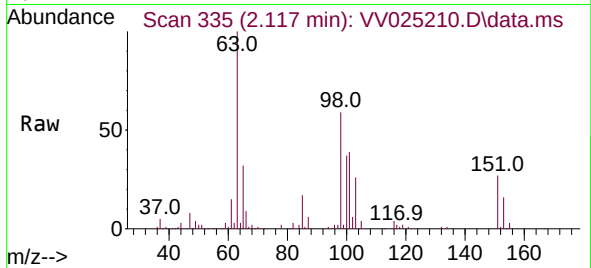




#12
1,1-Dichloroethene
Concen: 0.117 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV025210.D
Acq: 26 Mar 2022 19:56

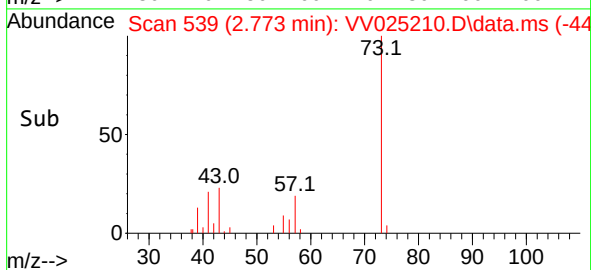
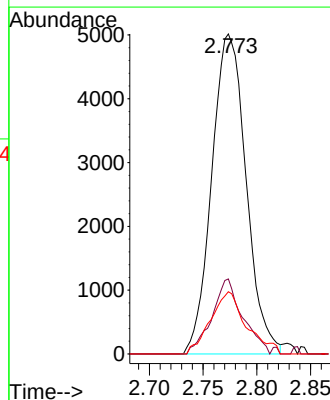
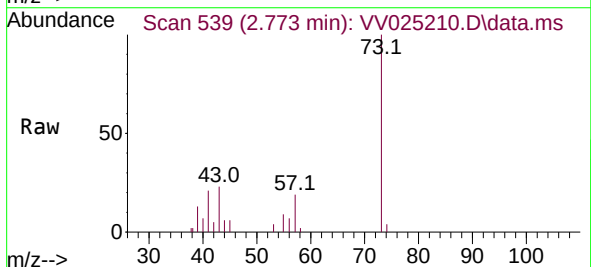
Instrument :
MSVOA_V
ClientSampleId :
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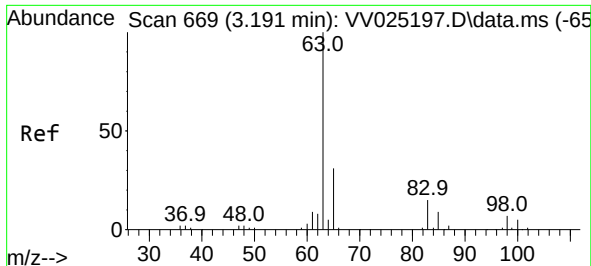
Tgt Ion: 96 Resp: 1808
Ion Ratio Lower Upper
96 100
61 679.9 121.5 225.7#
63 4553.0 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 0.569 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV025210.D
Acq: 26 Mar 2022 19:56

Tgt Ion: 73 Resp: 11148
Ion Ratio Lower Upper
73 100
43 20.9 13.5 20.3#
57 20.2 16.4 24.6





#19

1,1-Dichloroethane

Concen: 0.145 ug/L

RT: 3.195 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025210.D

Acq: 26 Mar 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

C0AD3

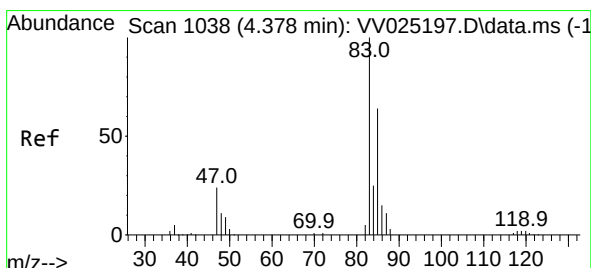
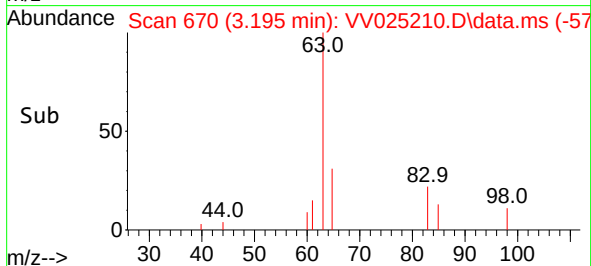
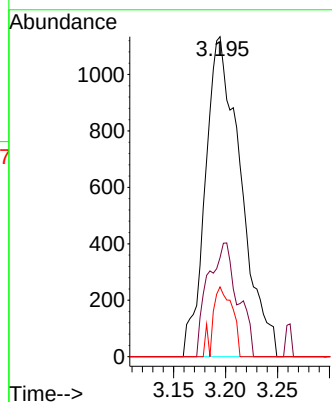
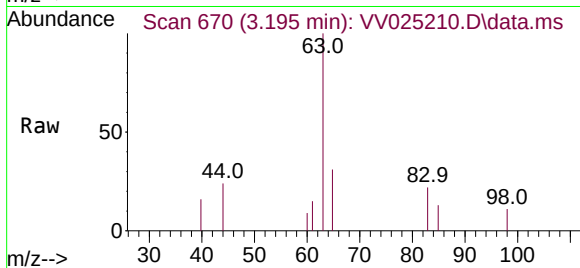
Tgt Ion: 63 Resp: 2686

Ion Ratio Lower Upper

63 100

65 31.0 22.0 40.8

83 21.8 10.2 19.0#



#25

Chloroform

Concen: 2.384 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025210.D

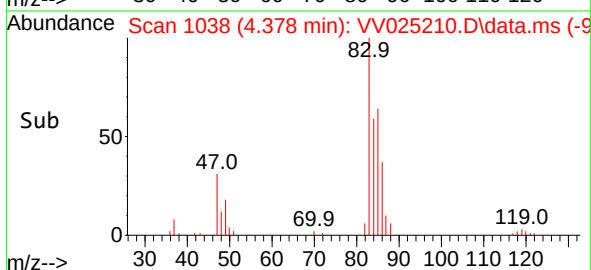
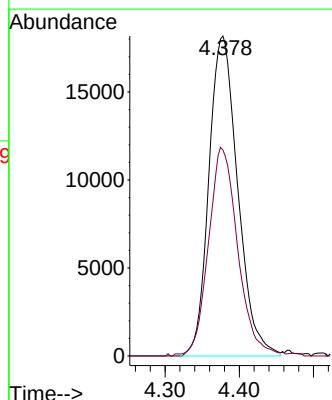
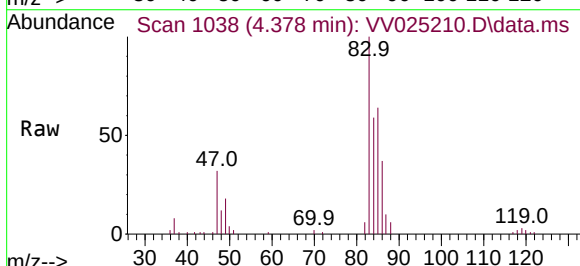
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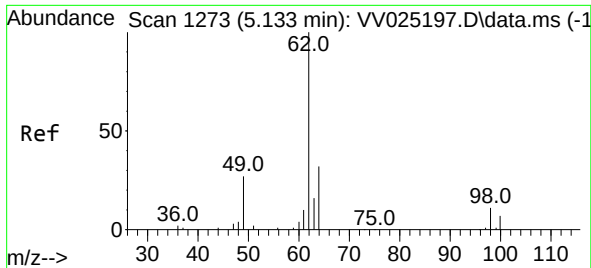
Tgt Ion: 83 Resp: 49062

Ion Ratio Lower Upper

83 100

85 64.4 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.050 min Scan# 1110

Delta R.T. -0.084 min

Lab File: VV025210.D

Acq: 26 Mar 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

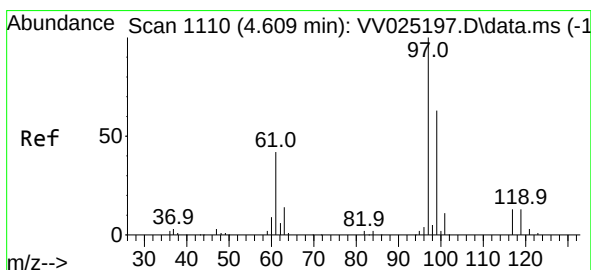
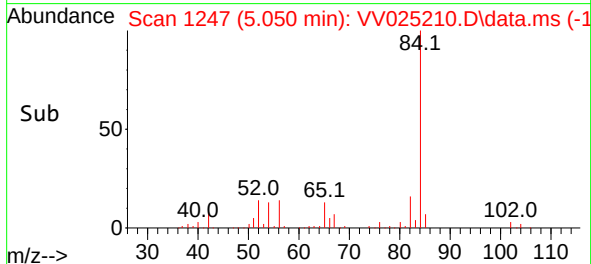
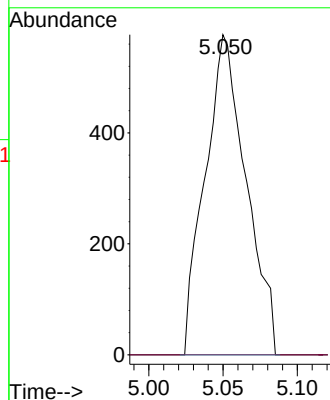
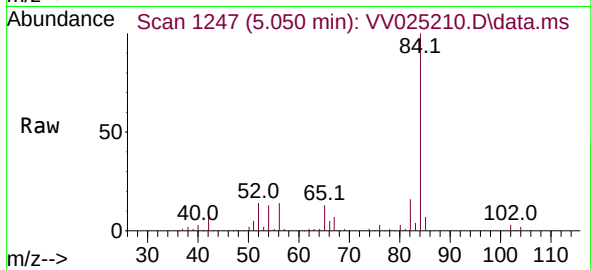
C0AD3

Tgt Ion: 62 Resp: 1110

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#29

1,1,1-Trichloroethane

Concen: 1.450 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025210.D

Acq: 26 Mar 2022 19:56

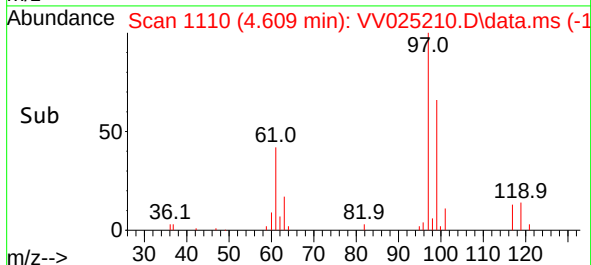
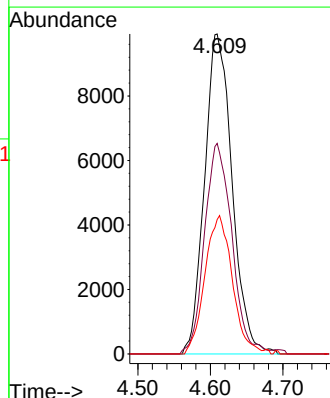
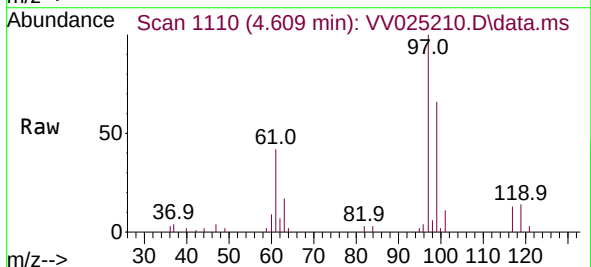
Tgt Ion: 97 Resp: 26231

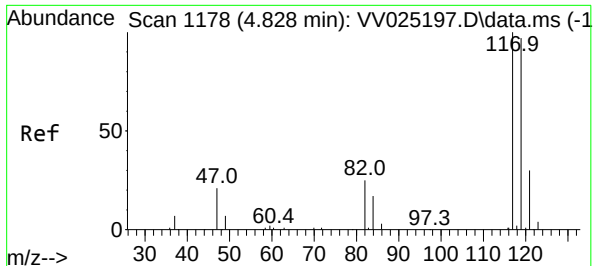
Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 42.9 34.2 51.2

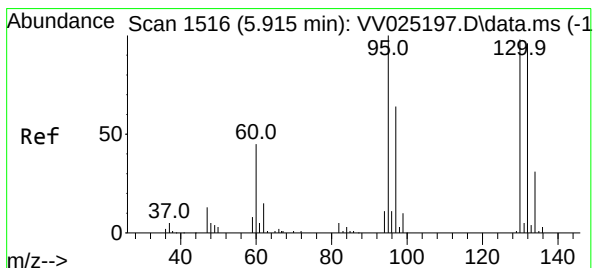
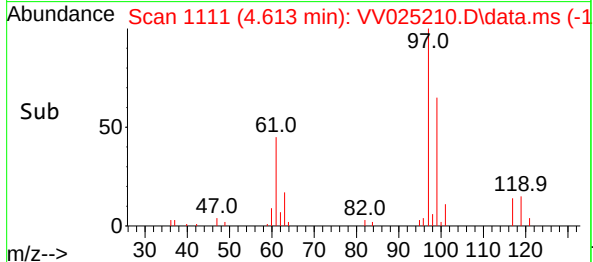
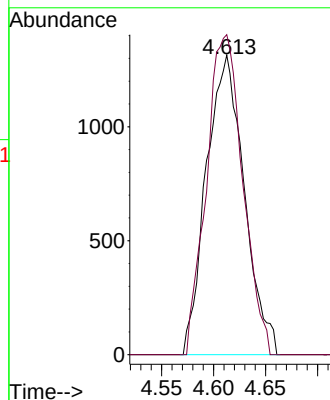
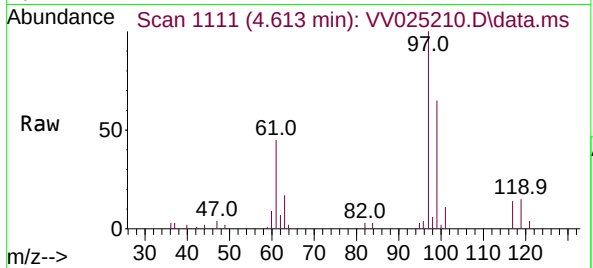




#31
Carbon tetrachloride
Concen: 0.213 ug/L
RT: 4.613 min Scan# 1178
Delta R.T. -0.215 min
Lab File: VV025210.D
Acq: 26 Mar 2022 19:56

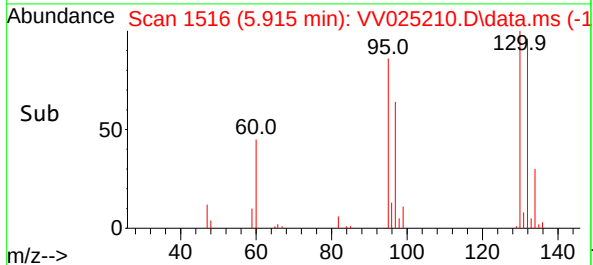
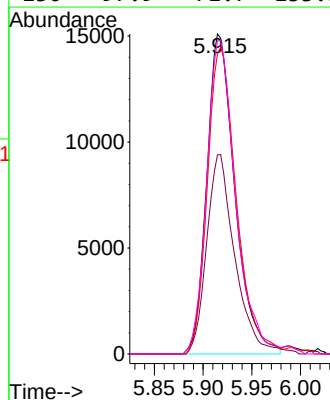
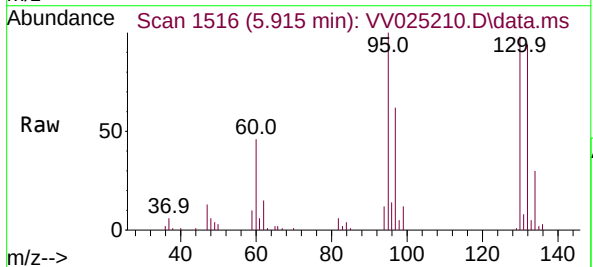
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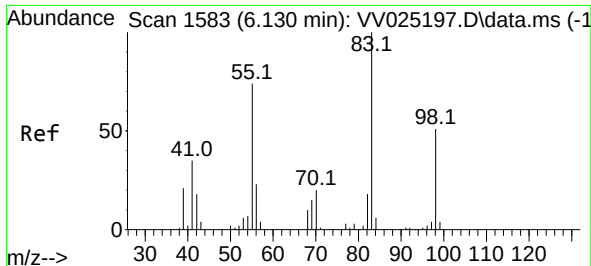
Tgt Ion:117 Resp: 3340
Ion Ratio Lower Upper
117 100
119 102.2 77.8 116.6



#34
Trichloroethene
Concen: 2.517 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025210.D
Acq: 26 Mar 2022 19:56

Tgt Ion: 95 Resp: 30342
Ion Ratio Lower Upper
95 100
97 62.2 46.3 85.9
132 93.8 65.2 121.2
130 97.9 71.7 133.1

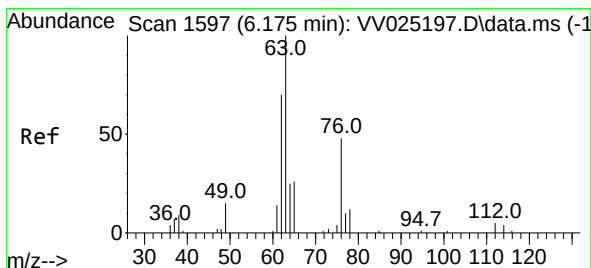
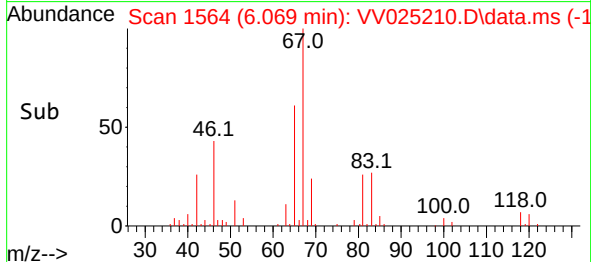
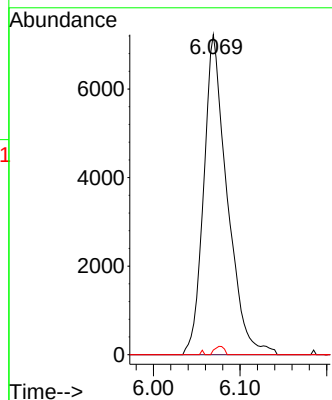
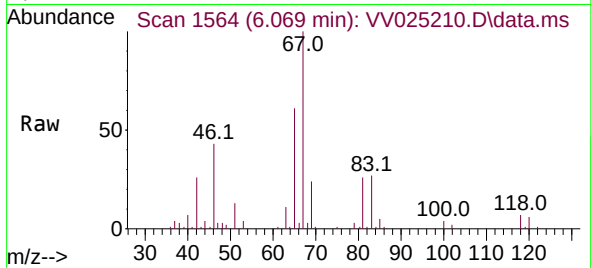




#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025210.D
Acq: 26 Mar 2022 19:56

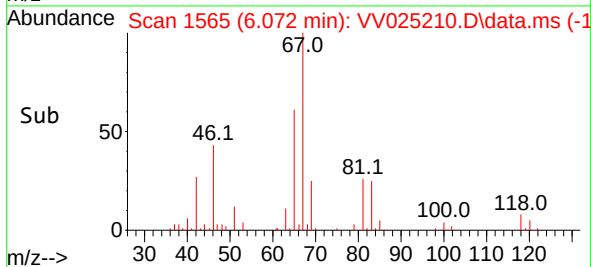
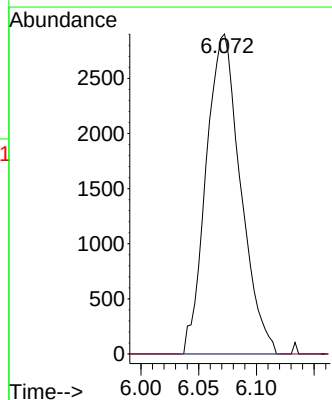
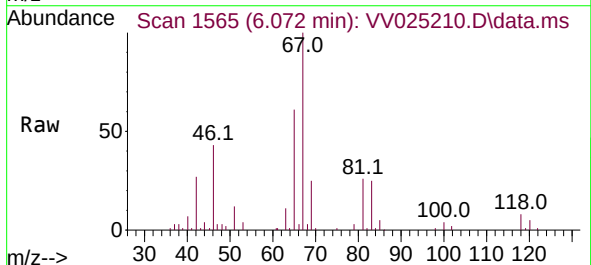
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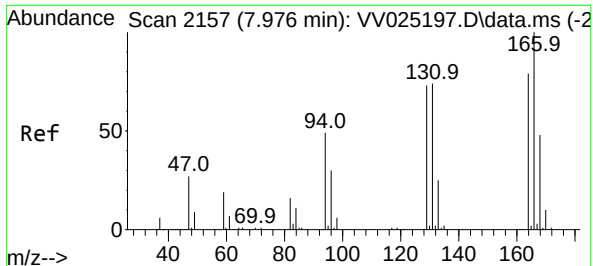
Tgt Ion: 83 Resp: 13629
Ion Ratio Lower Upper
83 100
55 0.2 54.6 81.8#
98 1.1 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV025210.D
Acq: 26 Mar 2022 19:56

Tgt Ion: 63 Resp: 6034
Ion Ratio Lower Upper
63 100
112 0.7 4.2 6.2#





#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025210.D

Acq: 26 Mar 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

C0AD3

Tgt Ion:164 Resp: 2203

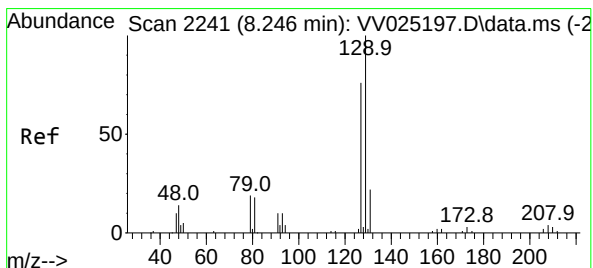
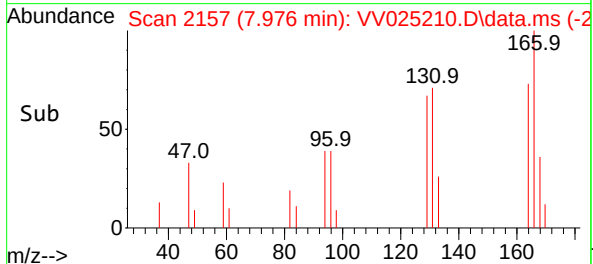
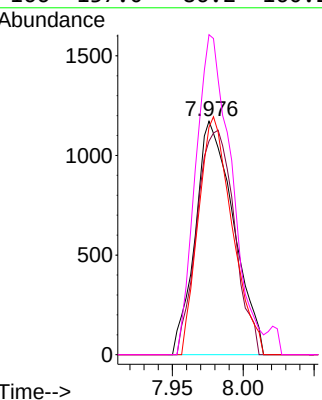
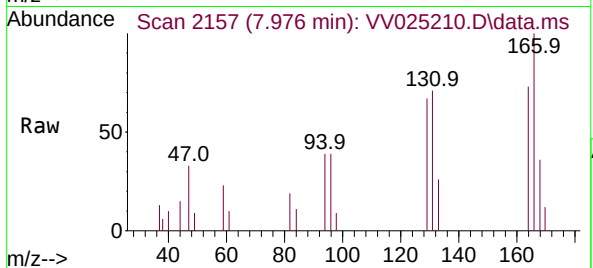
Ion Ratio Lower Upper

164 100

129 91.5 67.5 125.4

131 97.4 68.0 126.4

166 137.0 86.2 160.2



#49

Dibromochloromethane

Concen: 0.276 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV025210.D

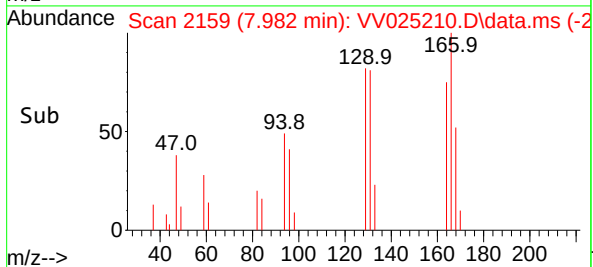
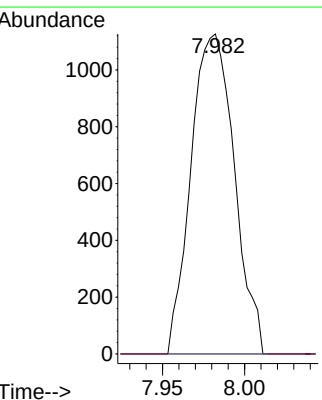
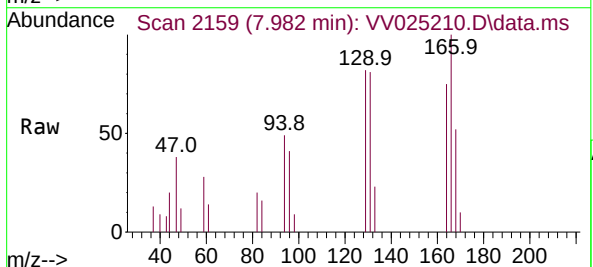
Acq: 26 Mar 2022 19:56

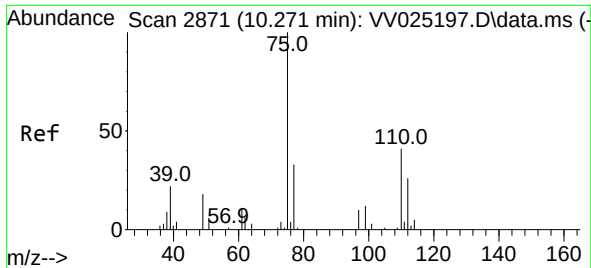
Tgt Ion:129 Resp: 2071

Ion Ratio Lower Upper

129 100

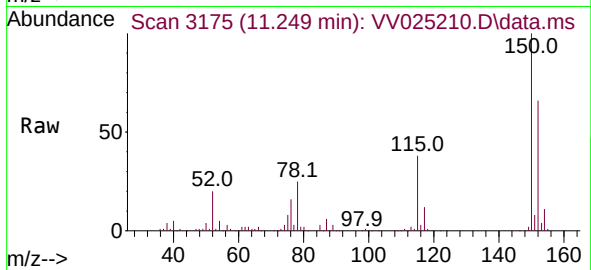
127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.649 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV025210.D
 Acq: 26 Mar 2022 19:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD3



Tgt Ion: 75 Resp: 8036
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.6
 110 3.0 31.6 47.4#

