

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023500.D
 Acq On : 15 Nov 2021 22:20
 Operator : SY/MD
 Sample : M4617-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208

Quant Time: Nov 16 05:16:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

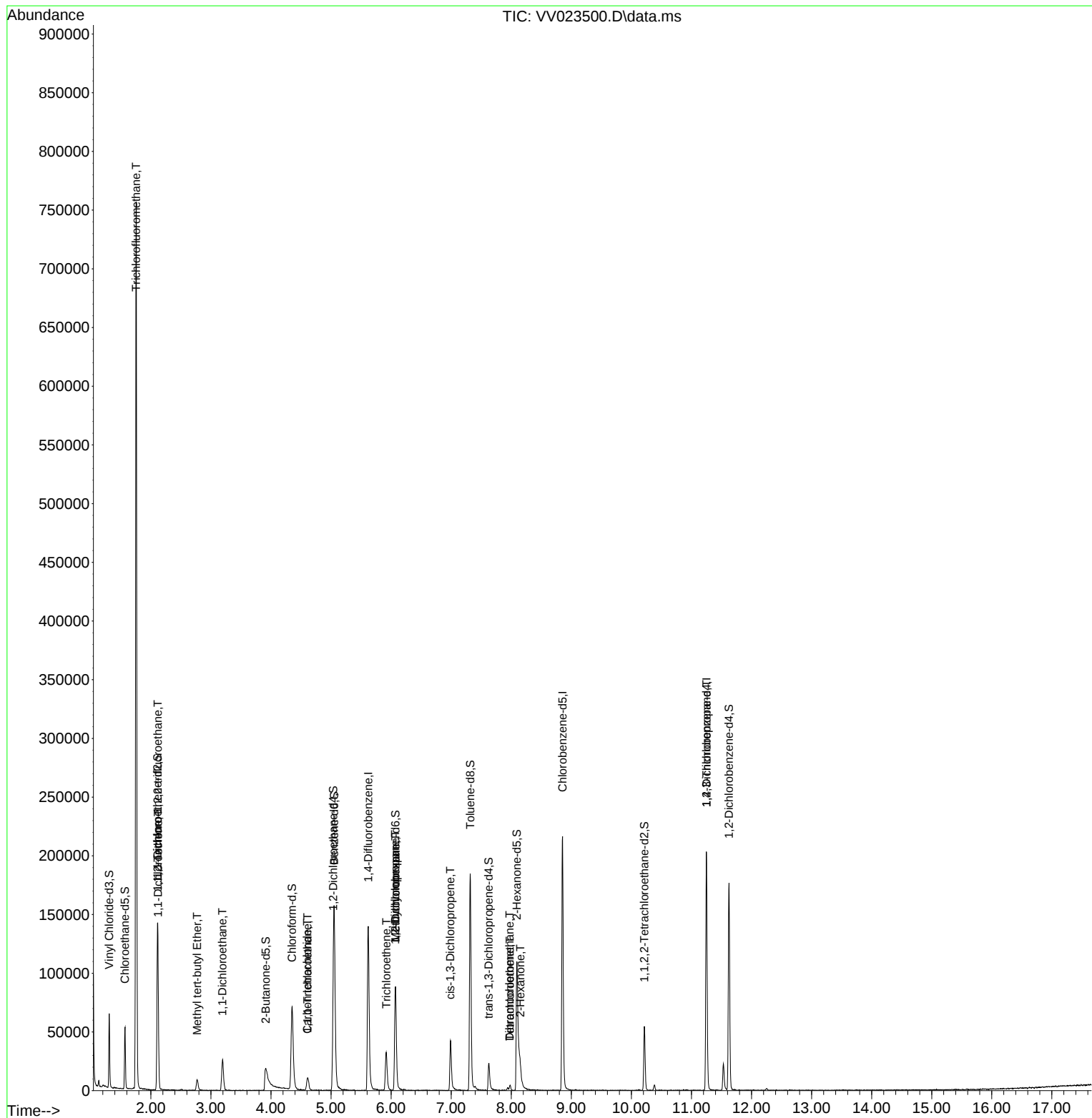
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125801	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39328	4.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.568	69	32076	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.111	63	59986	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.912	46	50236	37.000	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.000%
24) Chloroform-d	4.352	84	74496	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.037	65	35095	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.053	84	142901	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.072	67	42697	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.317	98	123398	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	15046	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.091	63	43503	32.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25806	3.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47910	5.251	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	438561	28.022	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	6579	0.835	ug/L	95
12) 1,1-Dichloroethene	2.121	96	12136	1.618	ug/L #	39
17) Methyl tert-butyl Ether	2.770	73	8841	0.535	ug/L	96
19) 1,1-Dichloroethane	3.191	63	26248	1.686	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	9046	0.593	ug/L	97
31) Carbon tetrachloride	4.606	117	1156	0.084	ug/L	97
34) Trichloroethene	5.921	95	11022	1.181	ug/L	94
35) Methylcyclohexane	6.072	83	10747	0.729	ug/L #	26
37) 1,2-Dichloropropane	6.069	63	4668	0.570	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1123	0.095	ug/L #	54
47) Tetrachloroethene	7.979	164	1093	0.135	ug/L	87
48) 2-Hexanone	8.149	43	8521	3.199	ug/L #	90
49) Dibromochloromethane	7.976	129	916	0.123	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6114	1.680	ug/L #	66

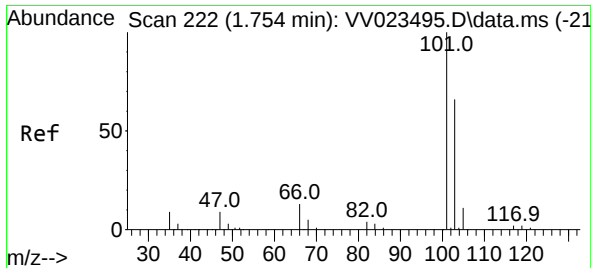
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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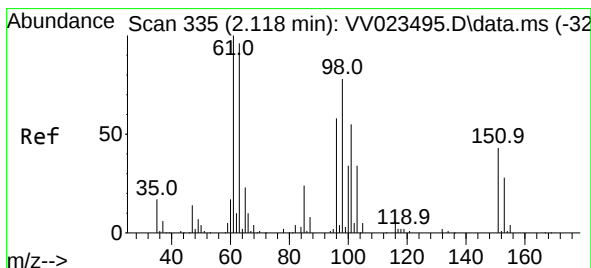
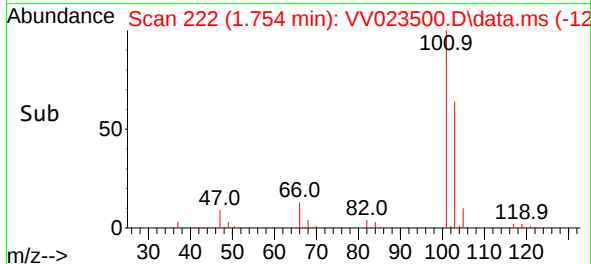
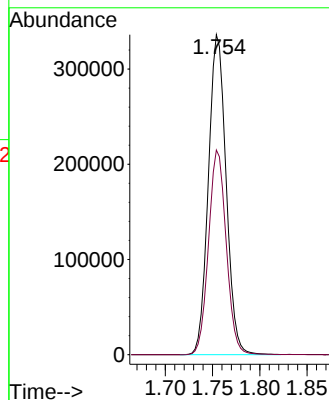
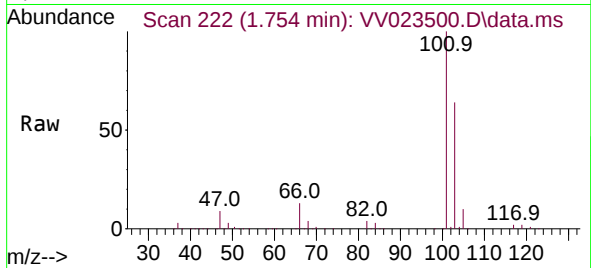




#9
 Trichlorofluoromethane
 Concen: 28.022 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023500.D
 Acq: 15 Nov 2021 22:20

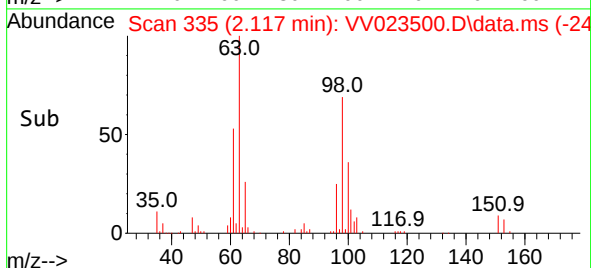
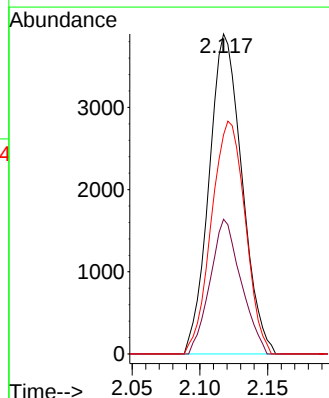
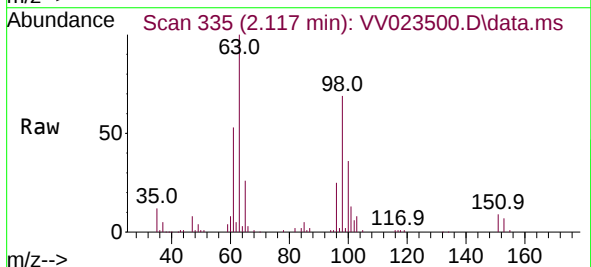
Instrument :
 MSVOA_V
 ClientSampleId :
 BG208

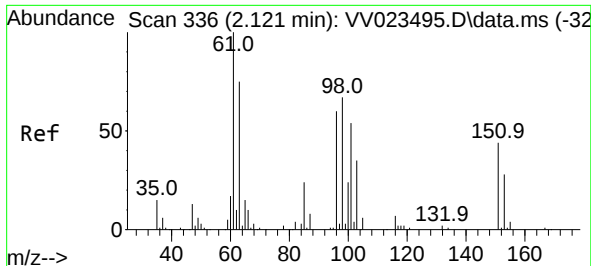
Tgt Ion:101 Resp: 438561
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.6 79.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.835 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023500.D
 Acq: 15 Nov 2021 22:20

Tgt Ion:101 Resp: 6579
 Ion Ratio Lower Upper
 101 100
 85 39.5 35.3 52.9
 151 74.6 62.2 93.2

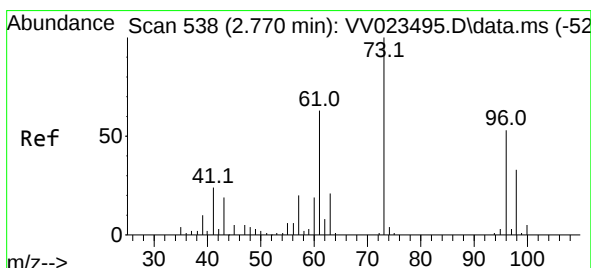
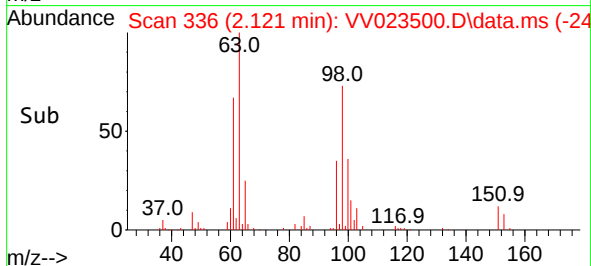
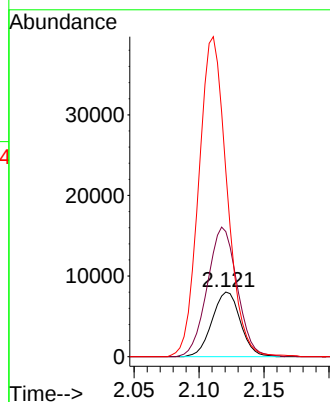
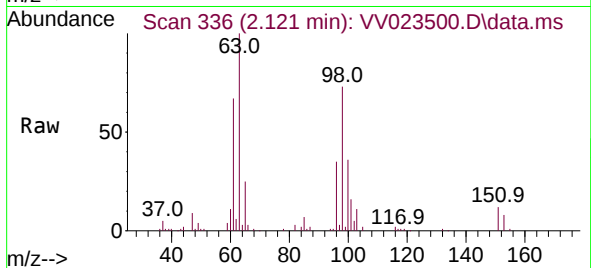




#12
1,1-Dichloroethene
Concen: 1.618 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

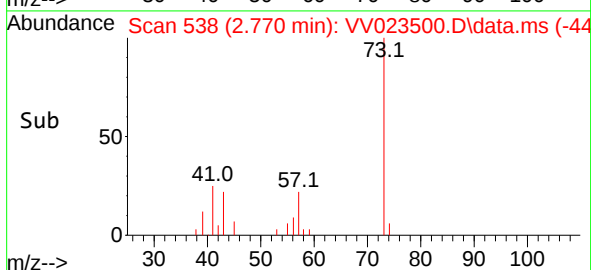
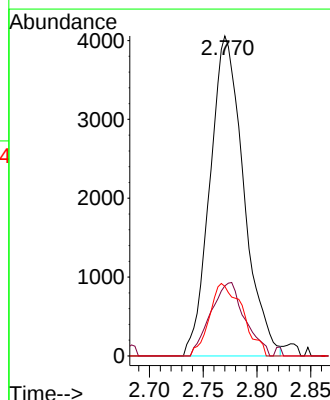
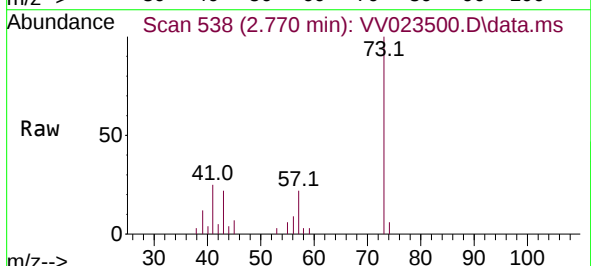
Instrument :
MSVOA_V
ClientSampleId :
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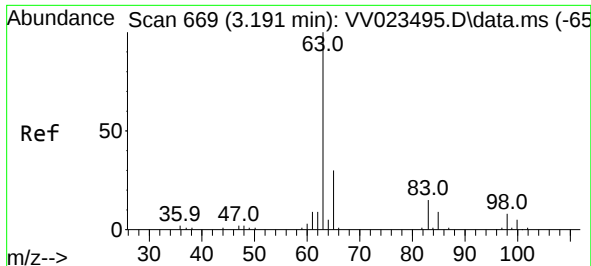
Tgt Ion: 96 Resp: 12136
Ion Ratio Lower Upper
96 100
61 193.8 121.5 225.7
63 287.7 99.6 185.0#



#17
Methyl tert-butyl Ether
Concen: 0.535 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion: 73 Resp: 8841
Ion Ratio Lower Upper
73 100
43 23.3 17.4 26.0
57 22.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 1.686 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023500.D

Acq: 15 Nov 2021 22:20

Instrument :

MSVOA_V

ClientSampleId :

BG208

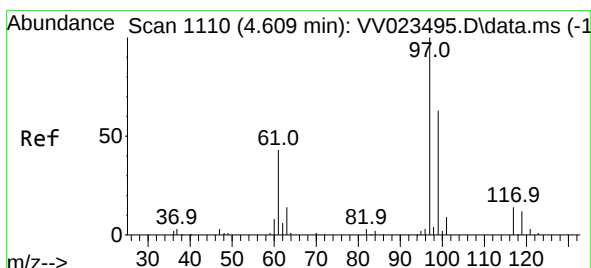
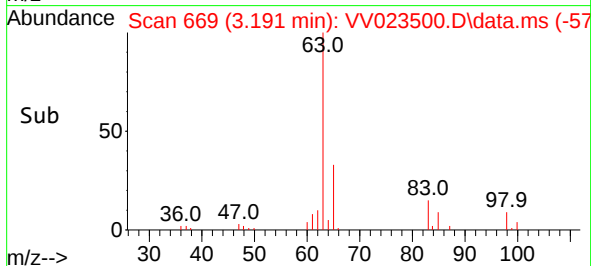
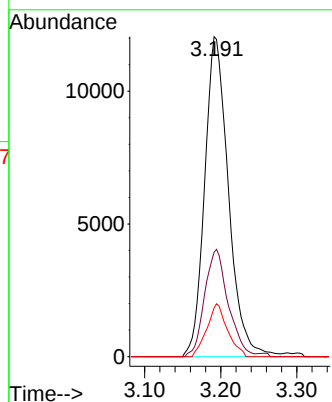
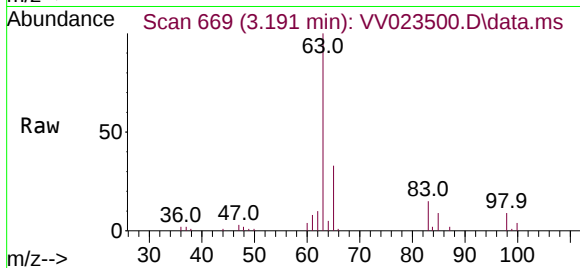
Tgt Ion: 63 Resp: 26248

Ion Ratio Lower Upper

63 100

65 32.7 22.6 42.0

83 15.3 11.1 20.7



#29

1,1,1-Trichloroethane

Concen: 0.593 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023500.D

Acq: 15 Nov 2021 22:20

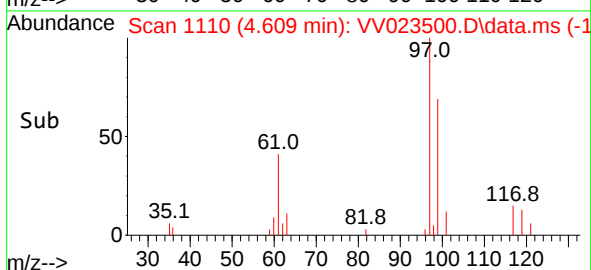
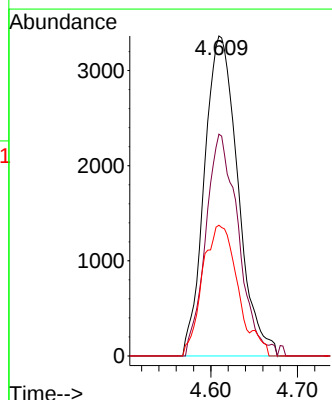
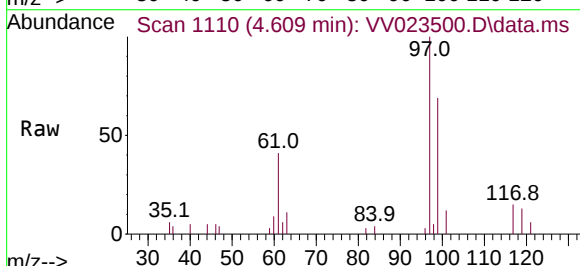
Tgt Ion: 97 Resp: 9046

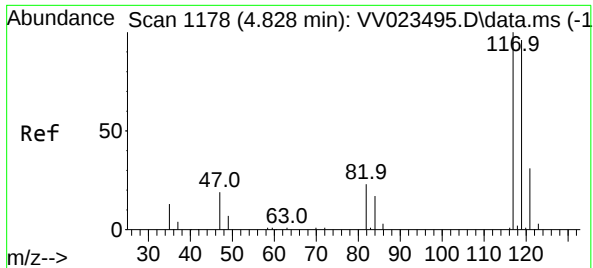
Ion Ratio Lower Upper

97 100

99 67.4 51.0 76.4

61 43.3 34.1 51.1

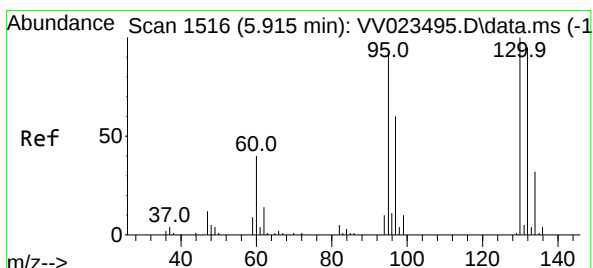
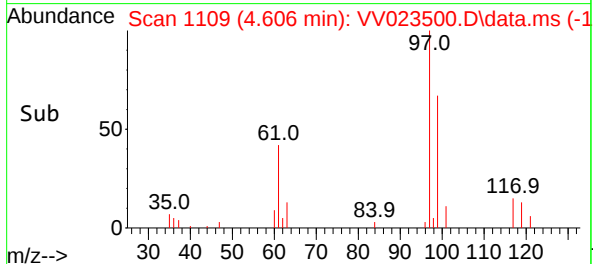
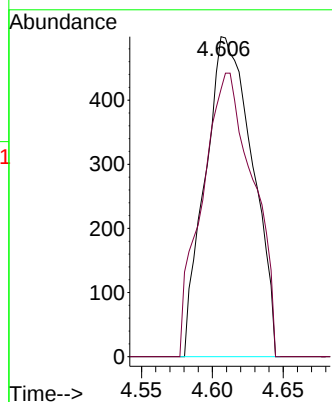
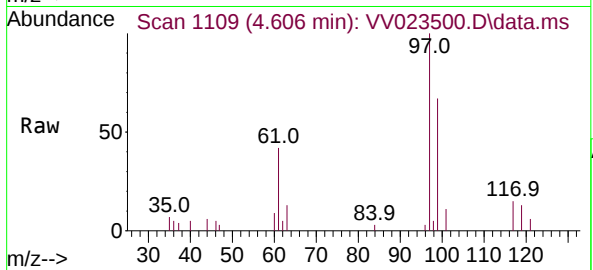




#31
Carbon tetrachloride
Concen: 0.084 ug/L
RT: 4.606 min Scan# 1178
Delta R.T. -0.222 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

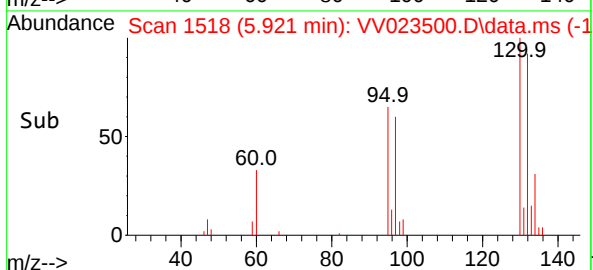
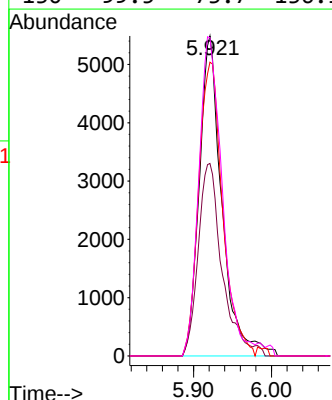
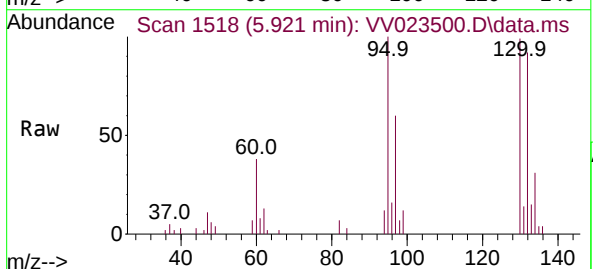
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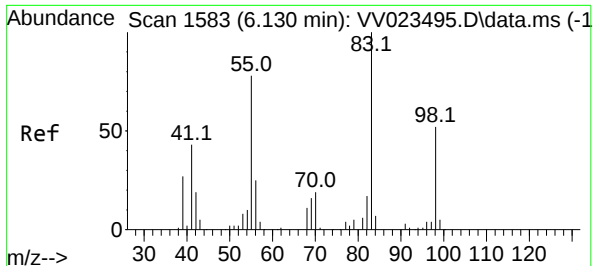
Tgt Ion:117 Resp: 1156
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2



#34
Trichloroethene
Concen: 1.181 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion: 95 Resp: 11022
Ion Ratio Lower Upper
95 100
97 60.1 45.0 83.6
132 91.8 69.7 129.4
130 99.5 73.7 136.9





#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV023500.D

Acq: 15 Nov 2021 22:20

Instrument :

MSVOA_V

ClientSampleId :

BG208

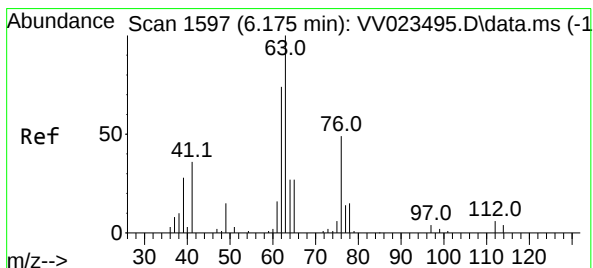
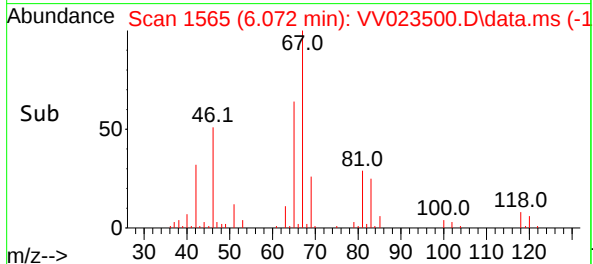
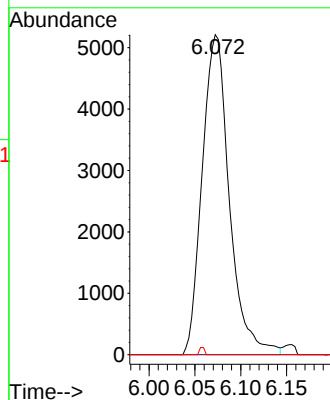
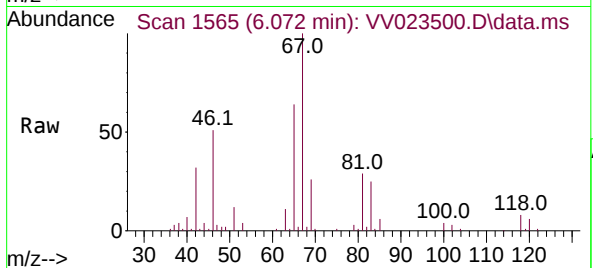
Tgt Ion: 83 Resp: 10747

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 15.3 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV023500.D

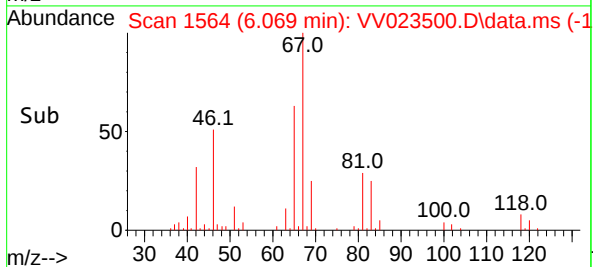
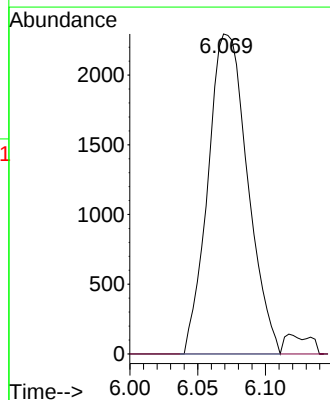
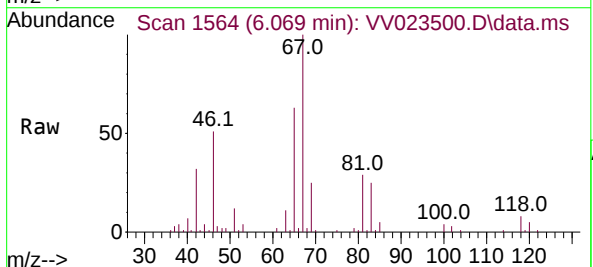
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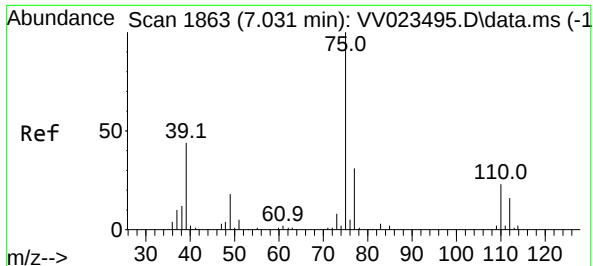
Tgt Ion: 63 Resp: 4668

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV023500.D

Acq: 15 Nov 2021 22:20

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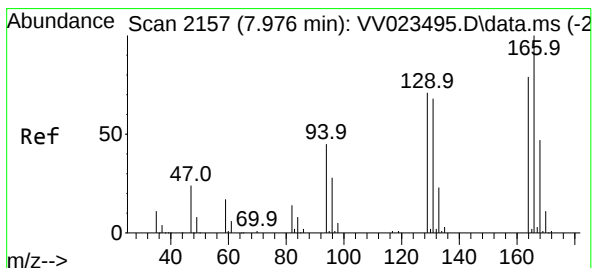
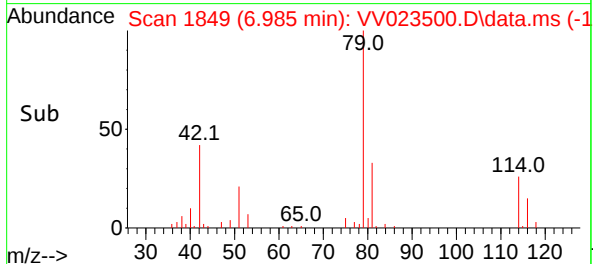
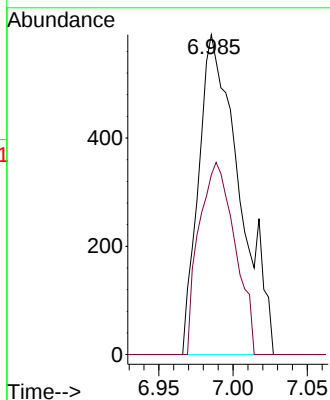
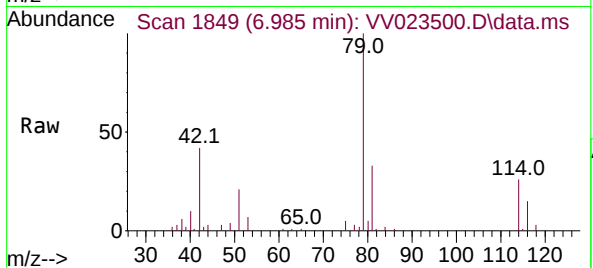
BG208

Tgt Ion: 75 Resp: 1123

Ion Ratio Lower Upper

75 100

77 56.2 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.135 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023500.D

Acq: 15 Nov 2021 22:20

Tgt Ion: 164 Resp: 1093

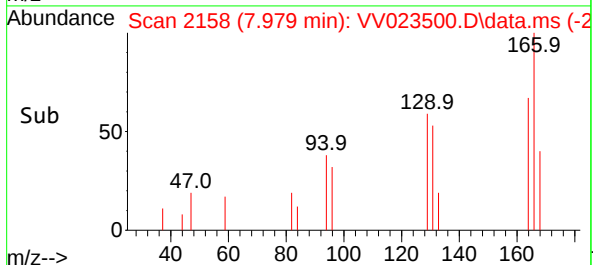
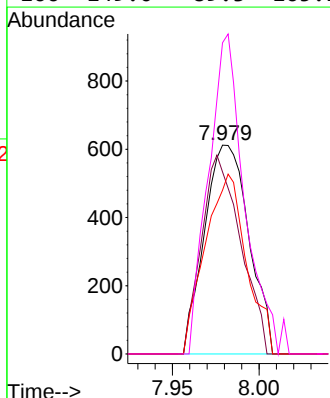
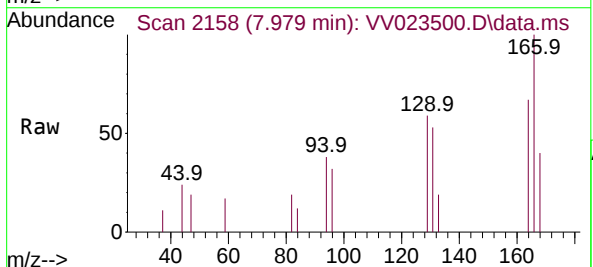
Ion Ratio Lower Upper

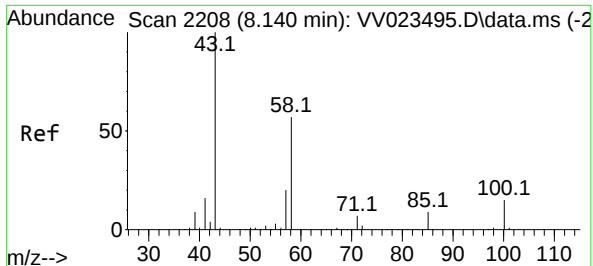
164 100

129 87.3 64.0 119.0

131 78.4 63.4 117.8

166 149.0 89.3 165.9

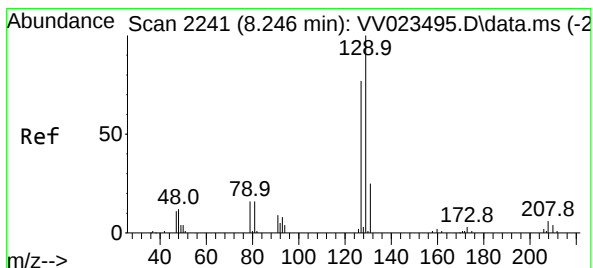
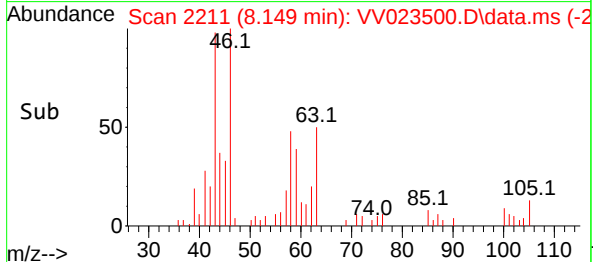
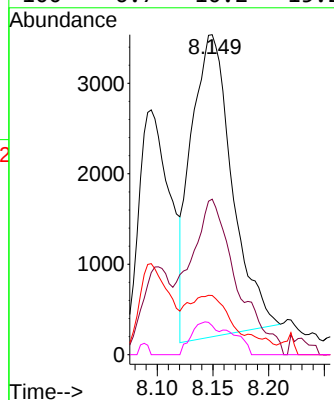
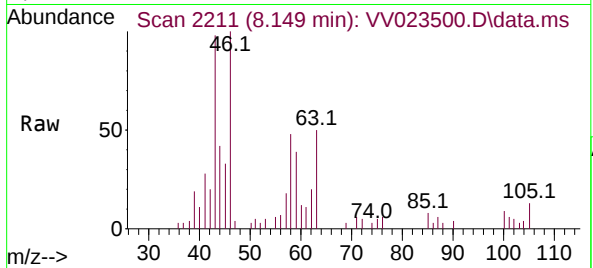




#48
2-Hexanone
Concen: 3.199 ug/L
RT: 8.149 min Scan# 2157
Delta R.T. 0.009 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

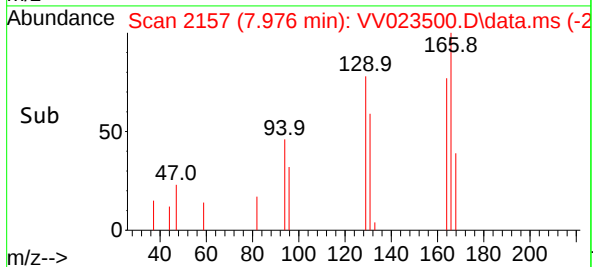
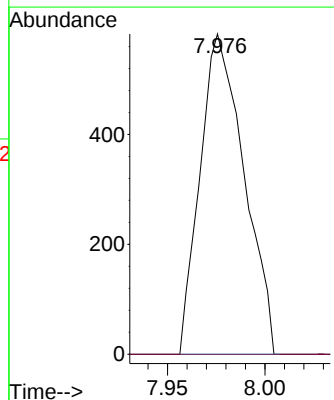
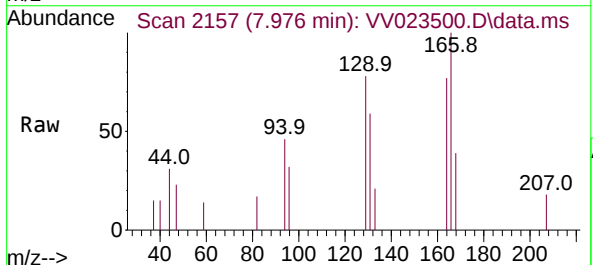
Instrument :
MSVOA_V
ClientSampleId :
BG208

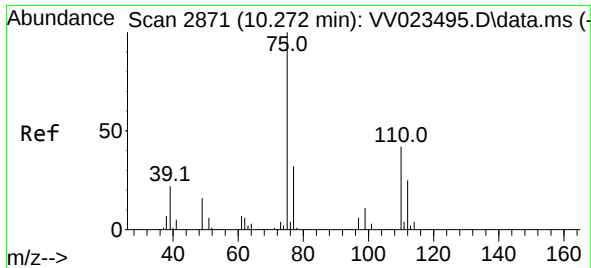
Tgt Ion: 43	Resp:	8521
Ion Ratio	Lower	Upper
43	100	
58	59.6	43.7 65.5
57	24.2	14.1 21.1#
100	6.7	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.123 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion: 129	Resp:	916
Ion Ratio	Lower	Upper
129	100	
127	0.0	54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.680 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV023500.D
 Acq: 15 Nov 2021 22:20

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208

Tgt Ion: 75 Resp: 6114
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 39.8
 110 2.3 31.8 47.6#

