

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023508.D
 Acq On : 16 Nov 2021 01:31
 Operator : SY/MD
 Sample : M4617-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG222

Quant Time: Nov 16 05:17:44 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)

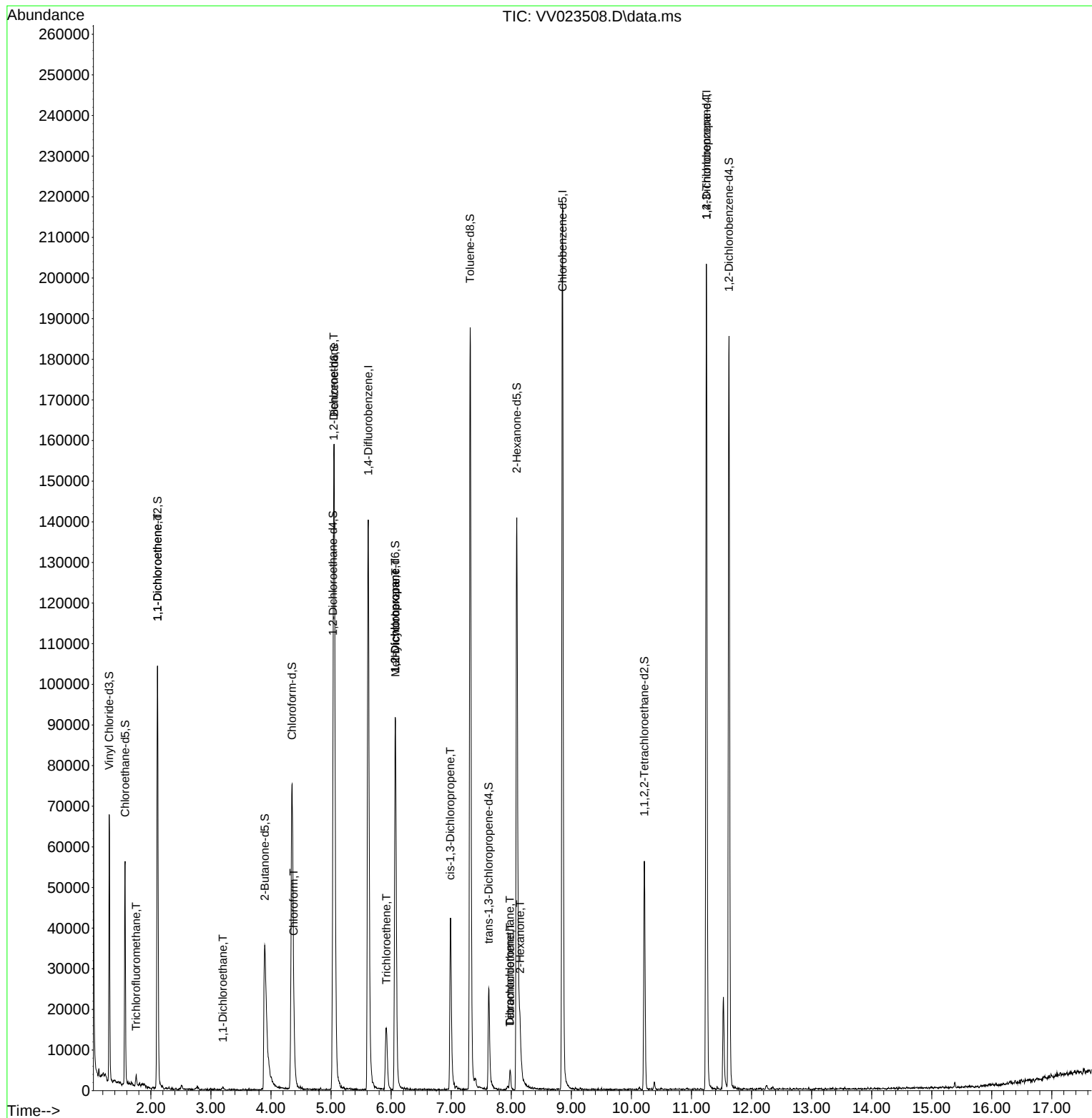
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124316	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39907	5.124	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.400%	
7) Chloroethane-d5	1.571	69	33030	5.204	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.111	63	54640	3.748	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.000%	
20) 2-Butanone-d5	3.896	46	68459	51.023	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.040%	
24) Chloroform-d	4.349	84	76012	4.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.034	65	36256	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.053	84	145725	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.069	67	43677	4.592	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.317	98	126557	4.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.625	79	14752	4.090	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.092	63	45021	33.929	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25652	3.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49422	5.353	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	1333	0.086	ug/L	93
12) 1,1-Dichloroethene	2.111	96	610	0.082	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	814	0.053	ug/L #	80
25) Chloroform	4.378	83	7143	0.436	ug/L	99
27) 1,2-Dichloroethane	5.044	62	1095	0.126	ug/L #	72
34) Trichloroethene	5.921	95	4373	0.467	ug/L	88
35) Methylcyclohexane	6.072	83	11544	0.781	ug/L #	24
37) 1,2-Dichloropropane	6.069	63	5084	0.619	ug/L #	83
39) cis-1,3-Dichloropropene	6.986	75	1486	0.126	ug/L #	64
47) Tetrachloroethene	7.982	164	1115	0.137	ug/L	88
48) 2-Hexanone	8.146	43	8931	3.345	ug/L #	97
49) Dibromochloromethane	7.979	129	1088	0.145	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5826	1.582	ug/L #	66

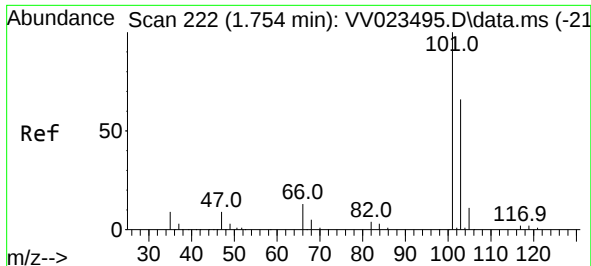
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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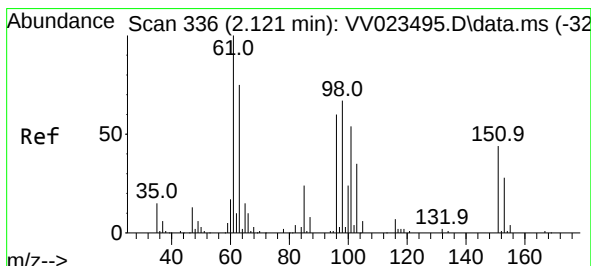
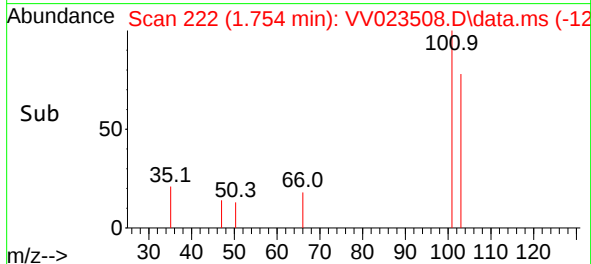
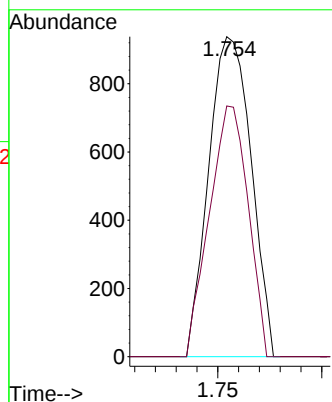
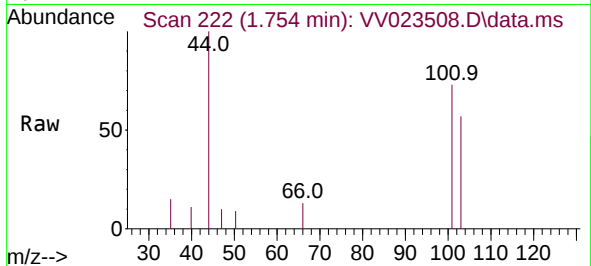




#9
Trichlorofluoromethane
Concen: 0.086 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

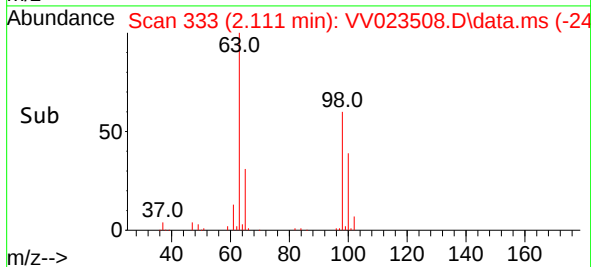
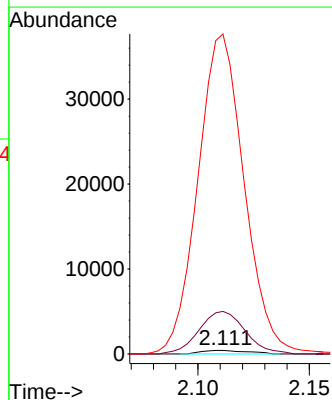
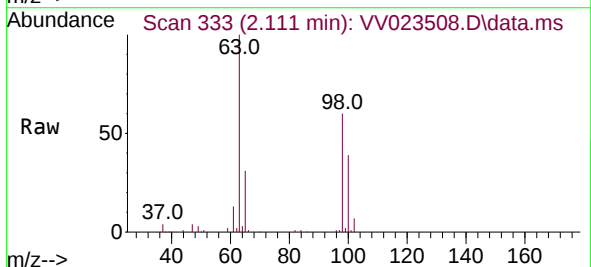
Instrument :
MSVOA_V
ClientSampleId :
BG222

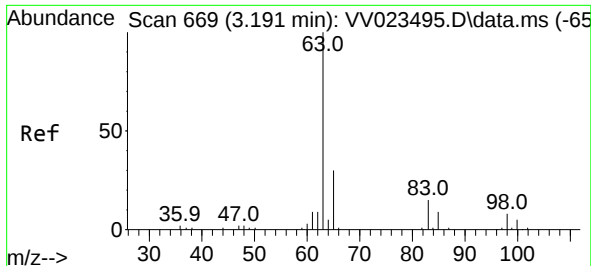
Tgt Ion:101 Resp: 1333
Ion Ratio Lower Upper
101 100
103 71.5 52.6 79.0



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Tgt Ion: 96 Resp: 610
Ion Ratio Lower Upper
96 100
61 1193.8 121.5 225.7#
63 8990.9 99.6 185.0#





#19

1,1-Dichloroethane

Concen: 0.053 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV023508.D

Acq: 16 Nov 2021 01:31

Instrument :

MSVOA_V

ClientSampleId :

BG222

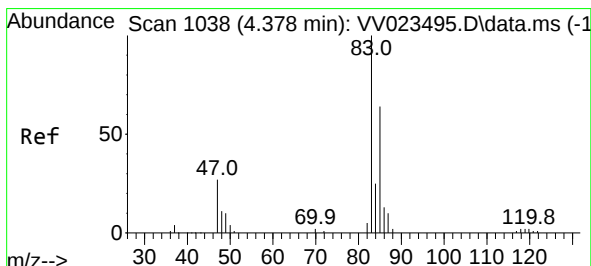
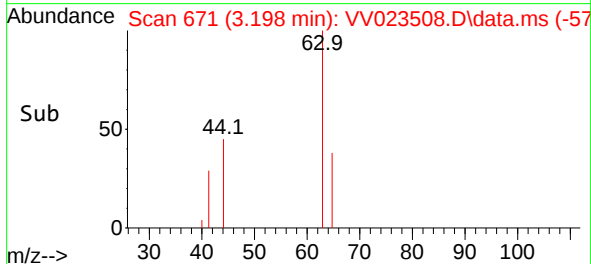
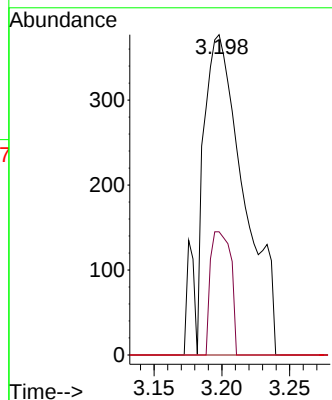
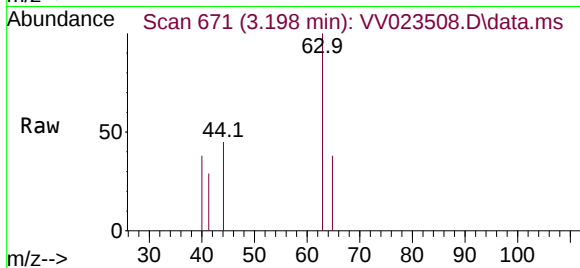
Tgt Ion: 63 Resp: 814

Ion Ratio Lower Upper

63 100

65 38.5 22.6 42.0

83 0.0 11.1 20.7#



#25

Chloroform

Concen: 0.436 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV023508.D

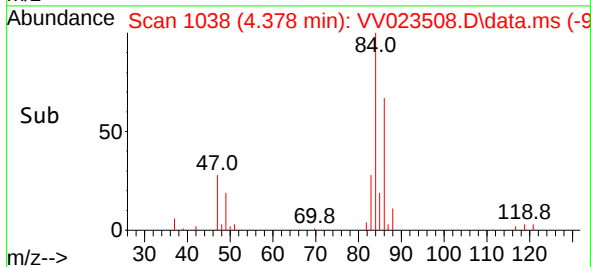
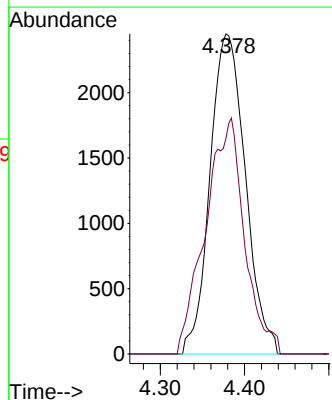
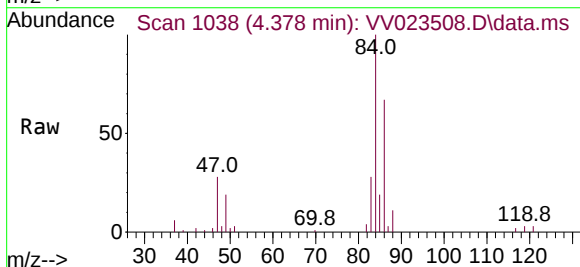
Acq: 16 Nov 2021 01:31

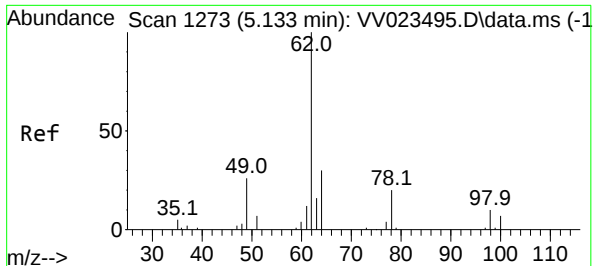
Tgt Ion: 83 Resp: 7143

Ion Ratio Lower Upper

83 100

85 67.3 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.044 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV023508.D

Acq: 16 Nov 2021 01:31

Instrument :

MSVOA_V

ClientSampleId :

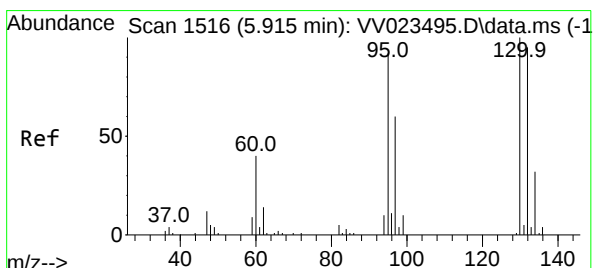
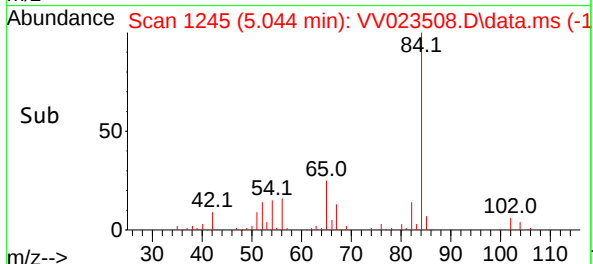
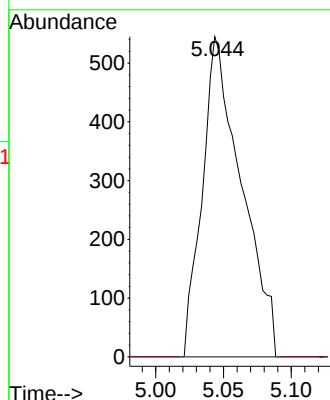
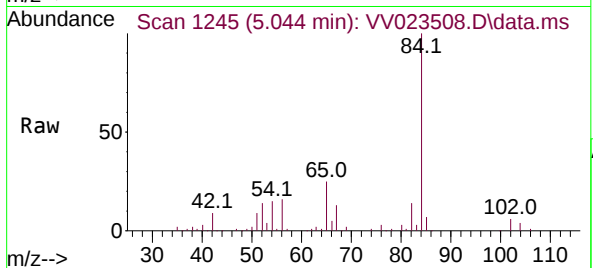
BG222

Tgt Ion: 62 Resp: 1095

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.467 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023508.D

Acq: 16 Nov 2021 01:31

Tgt Ion: 95 Resp: 4373

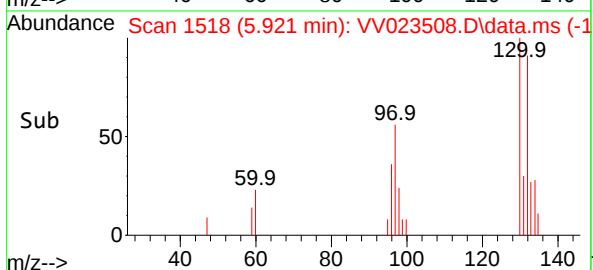
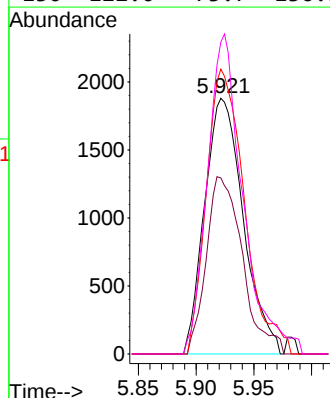
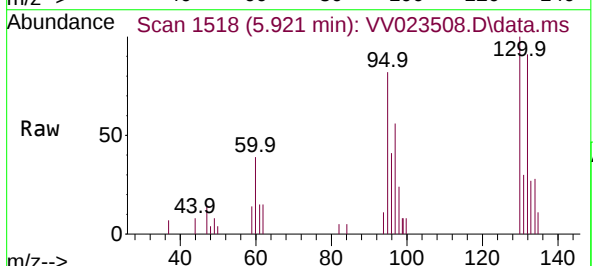
Ion Ratio Lower Upper

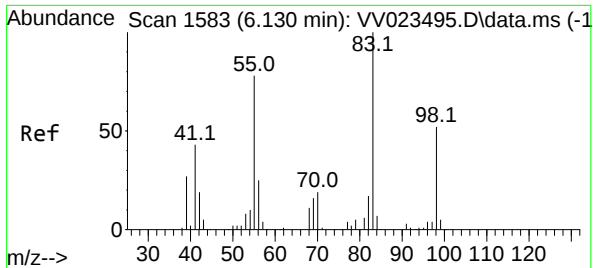
95 100

97 68.8 45.0 83.6

132 111.4 69.7 129.4

130 122.0 73.7 136.9

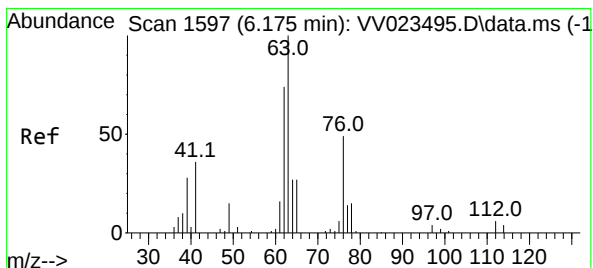
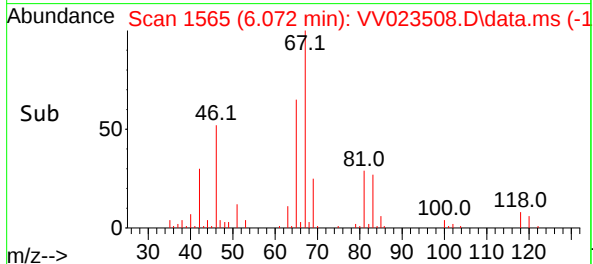
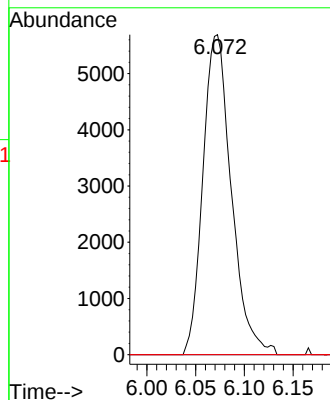
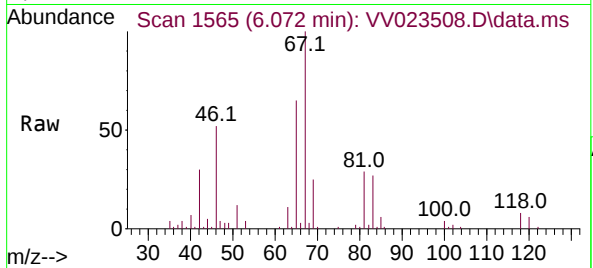




#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

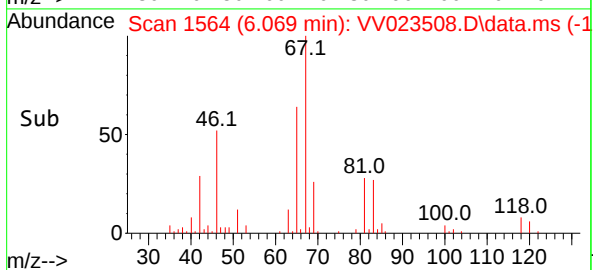
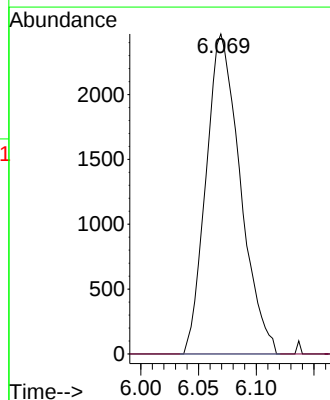
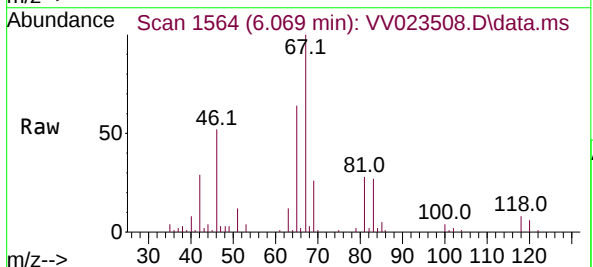
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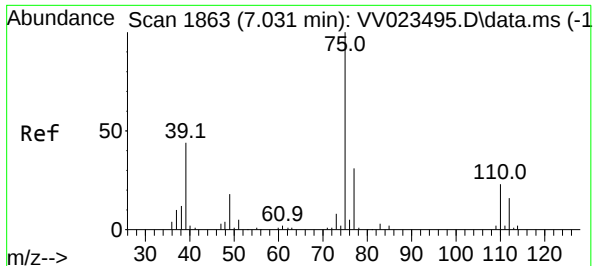
Tgt Ion: 83 Resp: 11544
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 11.1 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Tgt Ion: 63 Resp: 5084
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV023508.D

Acq: 16 Nov 2021 01:31

Instrument :

MSVOA_V

ClientSampleId :

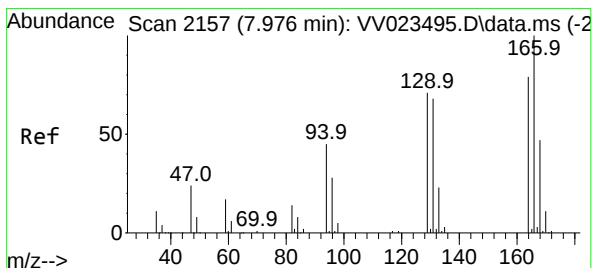
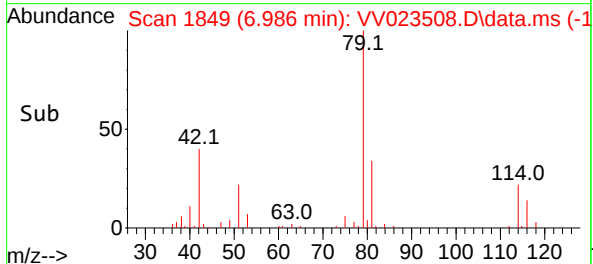
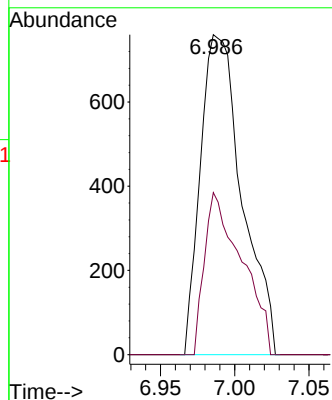
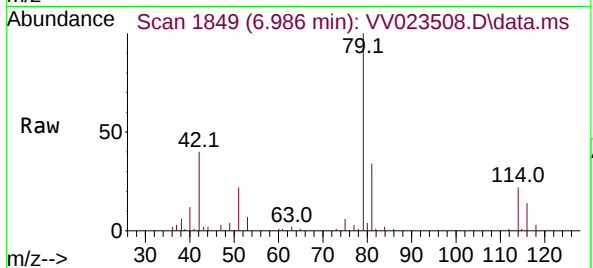
BG222

Tgt Ion: 75 Resp: 1486

Ion Ratio Lower Upper

75 100

77 50.7 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.137 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV023508.D

Acq: 16 Nov 2021 01:31

Tgt Ion: 164 Resp: 1115

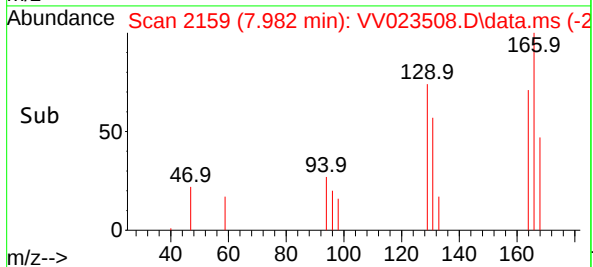
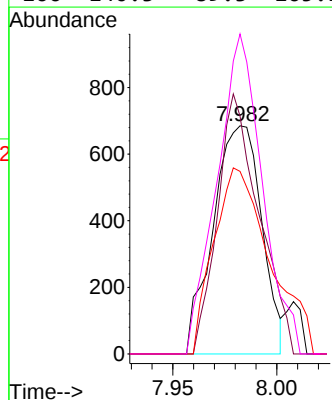
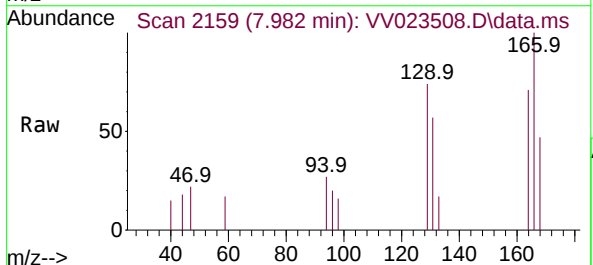
Ion Ratio Lower Upper

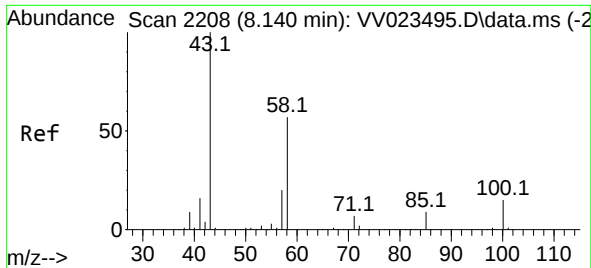
164 100

129 104.2 64.0 119.0

131 80.0 63.4 117.8

166 140.3 89.3 165.9

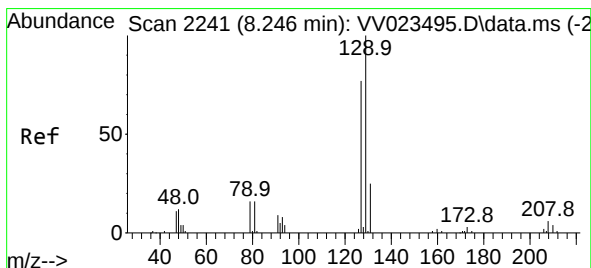
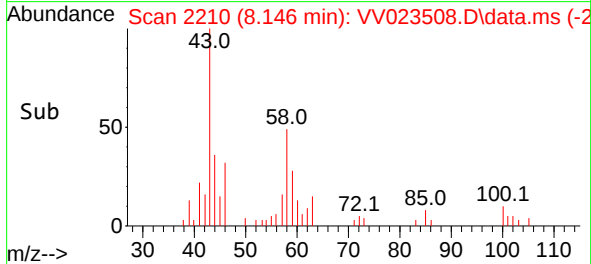
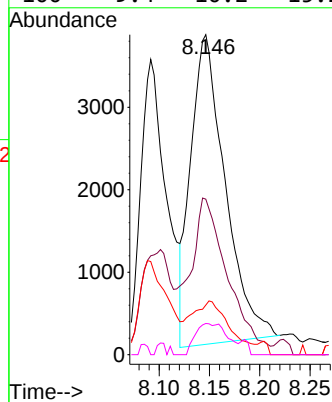
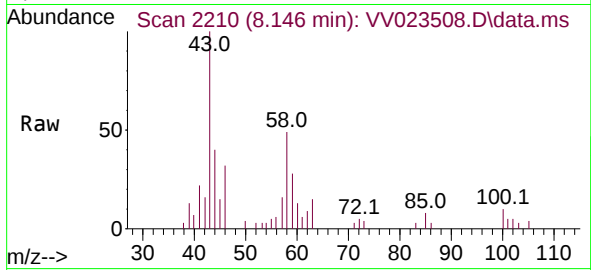




#48
2-Hexanone
Concen: 3.345 ug/L
RT: 8.146 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

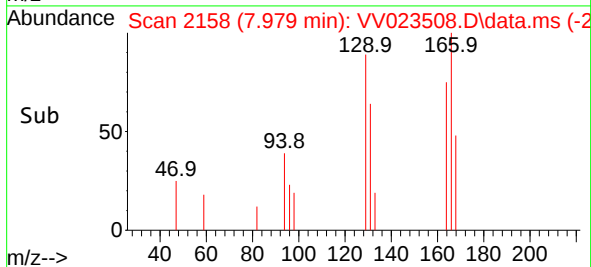
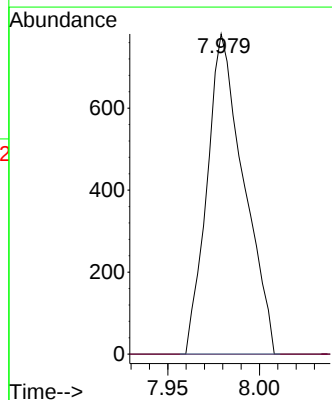
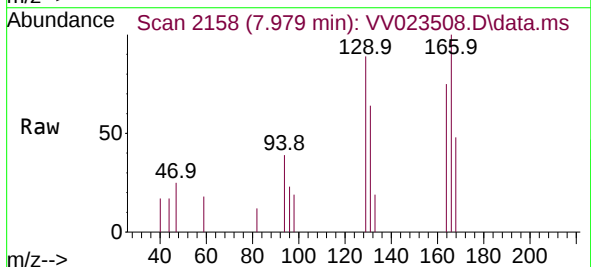
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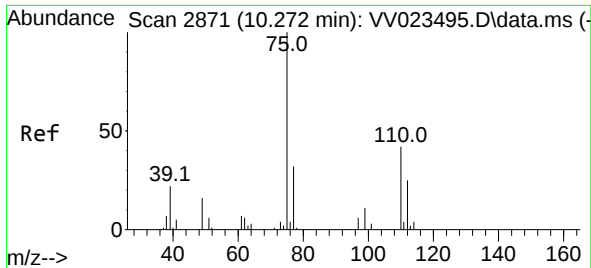
Tgt Ion: 43 Resp: 8931
Ion Ratio Lower Upper
43 100
58 53.4 43.7 65.5
57 19.1 14.1 21.1
100 9.4 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.145 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023508.D
Acq: 16 Nov 2021 01:31

Tgt Ion: 129 Resp: 1088
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.582 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023508.D
 Acq: 16 Nov 2021 01:31

Instrument :
 MSVOA_V
 ClientSampleId :
 BG222

Tgt Ion: 75 Resp: 5826
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.6 39.8
 110 2.4 31.8 47.6#

