

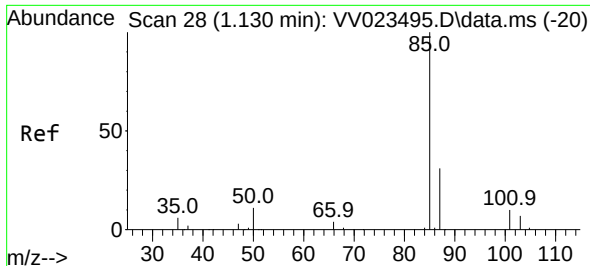
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023502.D
 Acq On : 15 Nov 2021 23:08
 Operator : SY/MD
 Sample : M4617-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG210

Quant Time: Nov 16 05:16:27 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	127585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38896	4.866	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.400%	
7) Chloroethane-d5	1.571	69	32217	4.946	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.111	63	53529	3.577	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.892	46	69540	50.501	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.000%	
24) Chloroform-d	4.349	84	74560	4.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.034	65	36299	4.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.053	84	146379	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.069	67	43262	4.613	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.317	98	124757	4.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.625	79	15462	4.348	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.088	63	42038	32.126	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	64.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25278	3.748	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47630	5.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	6578	0.529	ug/L	97
3) Chloromethane	1.243	50	2898	0.274	ug/L	94
9) Trichlorofluoromethane	1.754	101	5711	0.360	ug/L	97
12) 1,1-Dichloroethene	2.114	96	580	0.076	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	9649	0.576	ug/L	98
19) 1,1-Dichloroethane	3.198	63	886	0.056	ug/L #	82
27) 1,2-Dichloroethane	5.060	62	990	0.111	ug/L #	72
34) Trichloroethene	5.921	95	4404	0.477	ug/L	96
35) Methylcyclohexane	6.069	83	10291	0.706	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4876	0.602	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1264	0.108	ug/L	90
47) Tetrachloroethene	7.979	164	3235	0.404	ug/L	91
48) 2-Hexanone	8.143	43	9541	3.623	ug/L #	90
49) Dibromochloromethane	7.982	129	3092	0.419	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5964	1.601	ug/L #	68

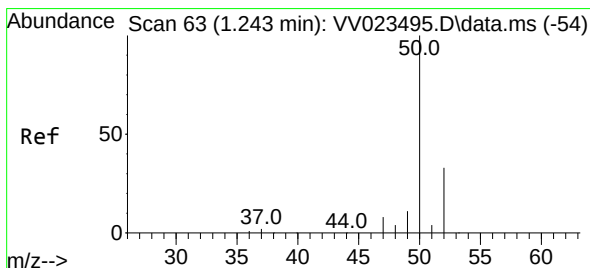
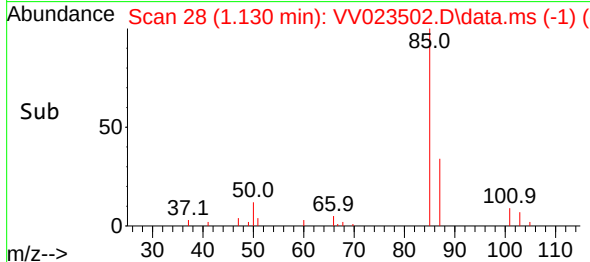
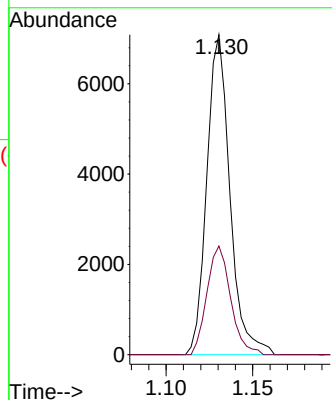
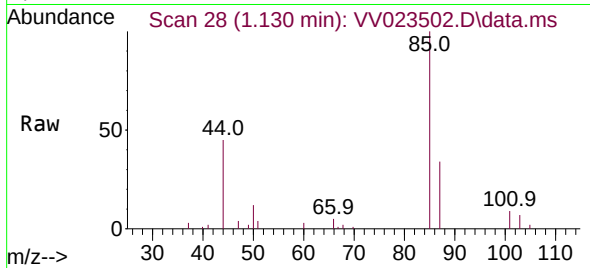
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.529 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV023502.D
 Acq: 15 Nov 2021 23:08

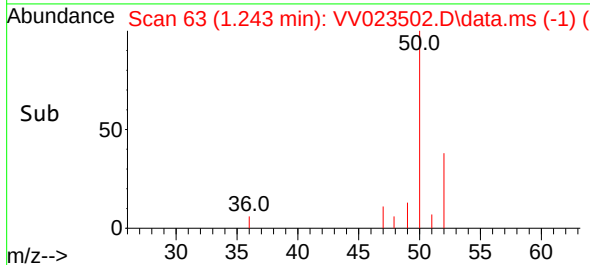
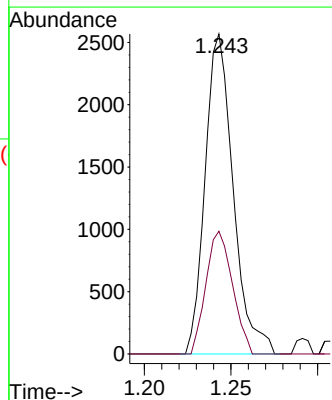
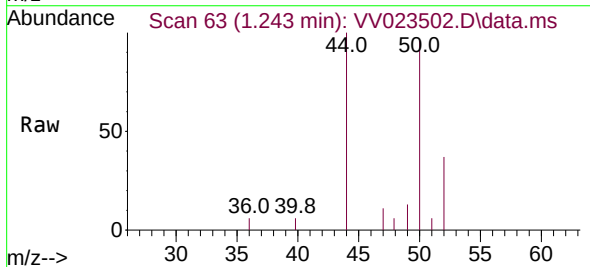
Instrument :
 MSVOA_V
 ClientSampleId :
 BG210

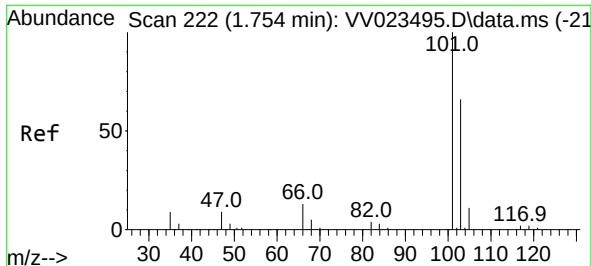
Tgt Ion: 85 Resp: 6578
 Ion Ratio Lower Upper
 85 100
 87 34.8 26.6 39.8



#3
 Chloromethane
 Concen: 0.274 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV023502.D
 Acq: 15 Nov 2021 23:08

Tgt Ion: 50 Resp: 2898
 Ion Ratio Lower Upper
 50 100
 52 38.4 24.3 45.1

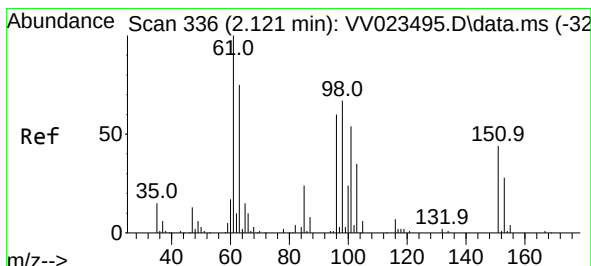
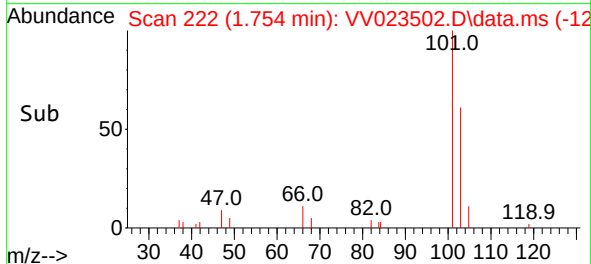
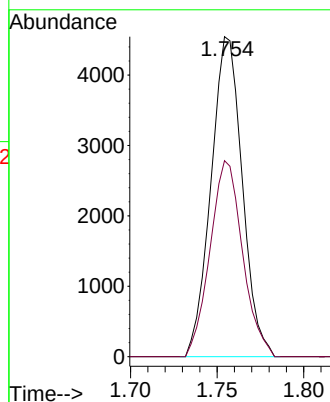
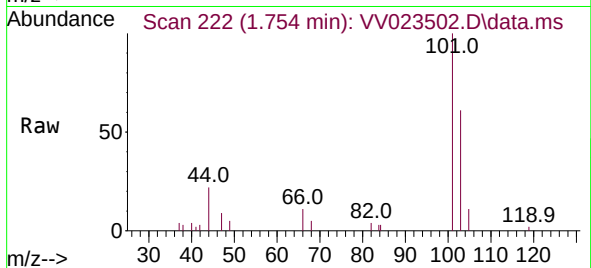




#9
 Trichlorofluoromethane
 Concen: 0.360 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023502.D
 Acq: 15 Nov 2021 23:08

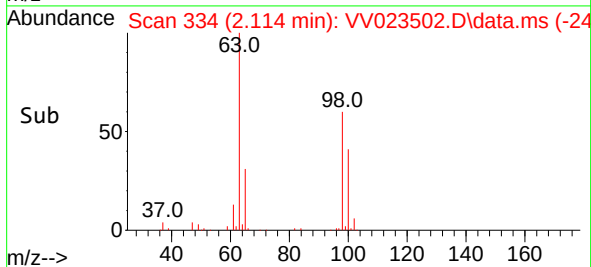
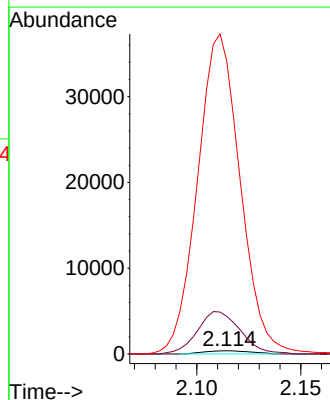
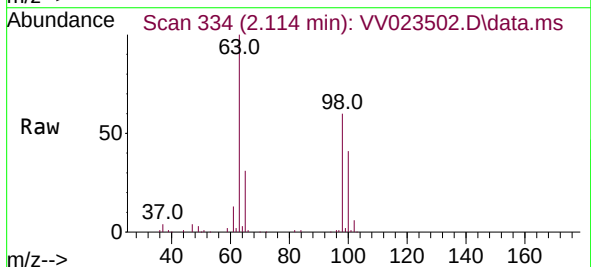
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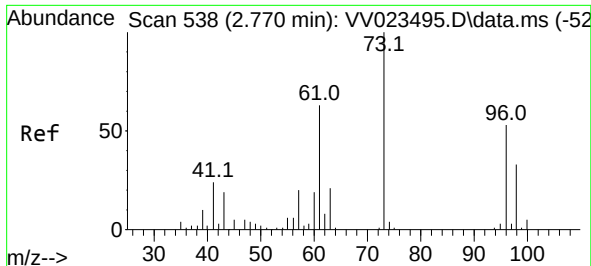
Tgt Ion:101 Resp: 5711
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 79.0



#12
 1,1-Dichloroethene
 Concen: 0.076 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.006 min
 Lab File: VV023502.D
 Acq: 15 Nov 2021 23:08

Tgt Ion: 96 Resp: 580
 Ion Ratio Lower Upper
 96 100
 61 1182.4 121.5 225.7#
 63 9228.1 99.6 185.0#

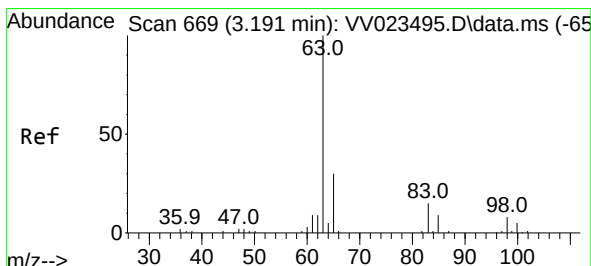
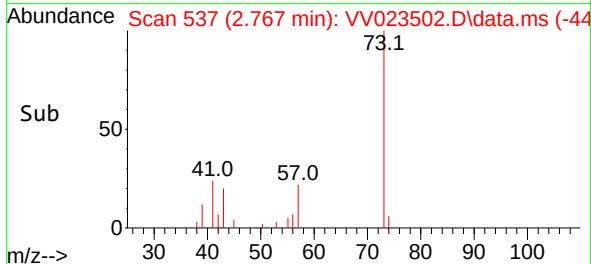
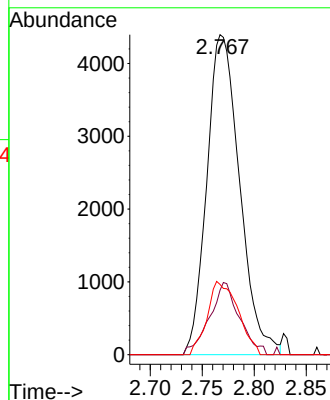
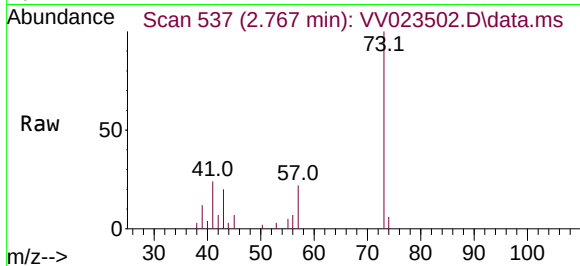




#17
Methyl tert-butyl Ether
Concen: 0.576 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023502.D
Acq: 15 Nov 2021 23:08

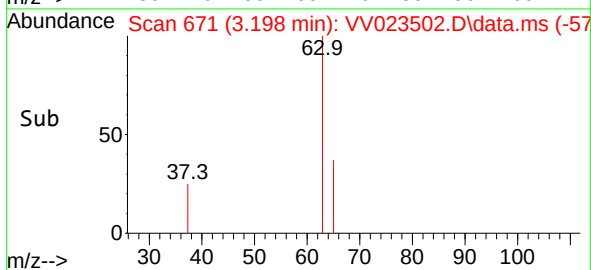
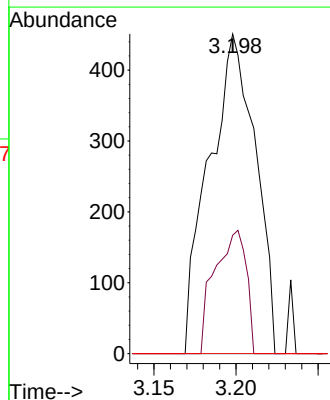
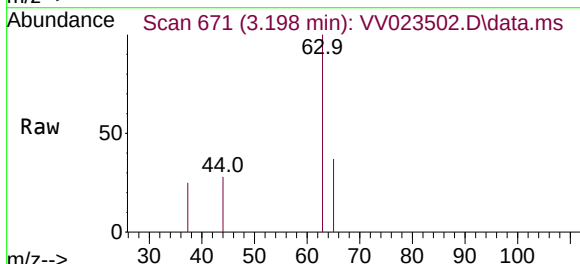
Instrument :
MSVOA_V
ClientSampleId :
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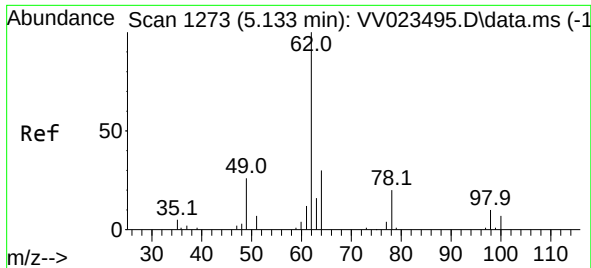
Tgt Ion: 73	Resp:	9649	
Ion	Ratio	Lower	Upper
73	100		
43	20.6	17.4	26.0
57	21.5	16.5	24.7



#19
1,1-Dichloroethane
Concen: 0.056 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.006 min
Lab File: VV023502.D
Acq: 15 Nov 2021 23:08

Tgt Ion: 63	Resp:	886	
Ion	Ratio	Lower	Upper
63	100		
65	37.0	22.6	42.0
83	0.0	11.1	20.7#

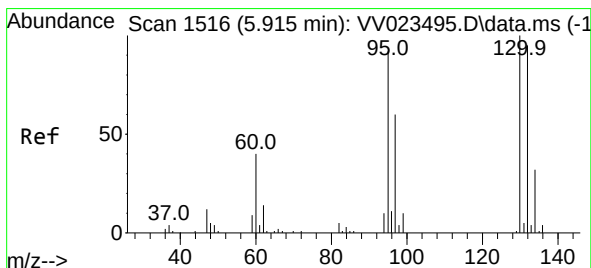
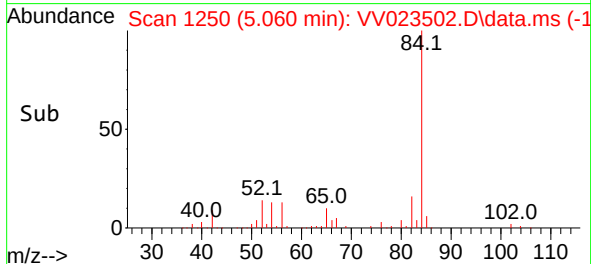
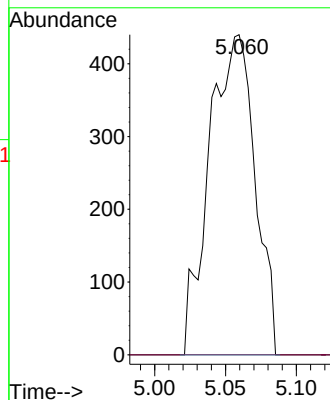
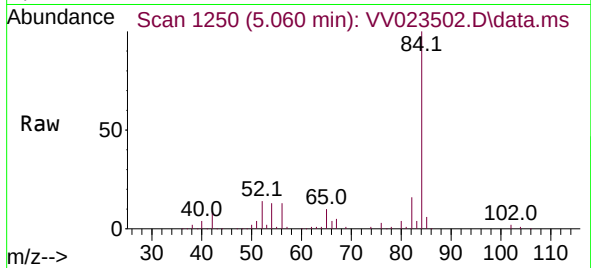




#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.060 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV023502.D
Acq: 15 Nov 2021 23:08

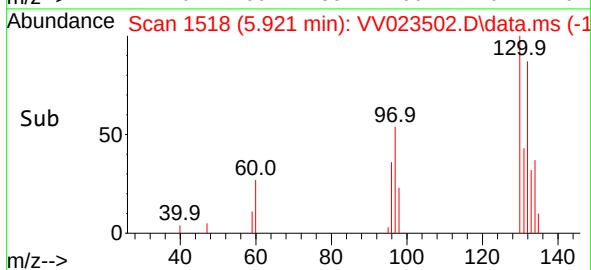
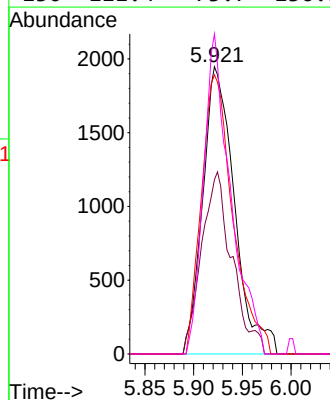
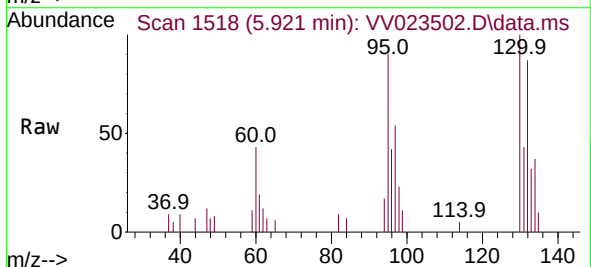
Instrument :
MSVOA_V
ClientSampleId :
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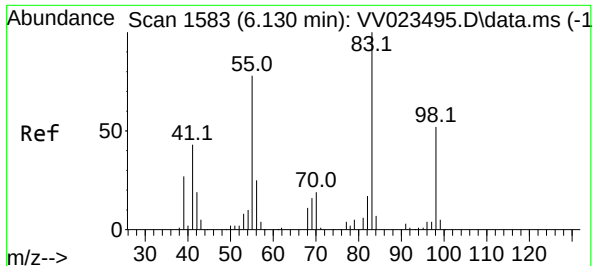
Tgt Ion: 62 Resp: 990
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 0.477 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV023502.D
Acq: 15 Nov 2021 23:08

Tgt Ion: 95 Resp: 4404
Ion Ratio Lower Upper
95 100
97 60.7 45.0 83.6
132 97.2 69.7 129.4
130 111.4 73.7 136.9





#35

Methylcyclohexane

Concen: 0.706 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV023502.D

Acq: 15 Nov 2021 23:08

Instrument :

MSVOA_V

ClientSampleId :

BG210

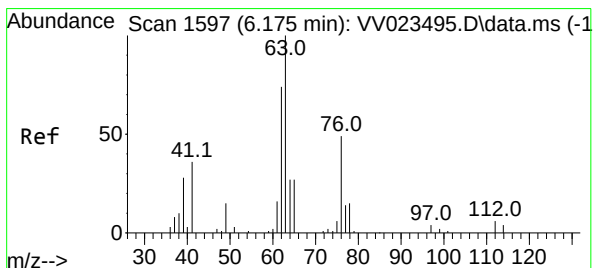
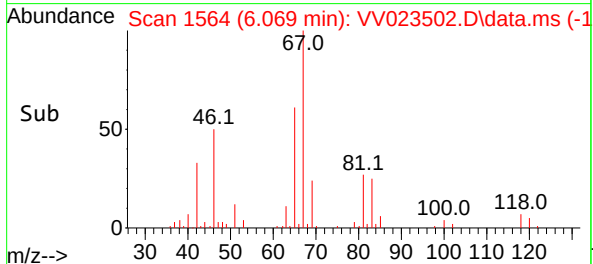
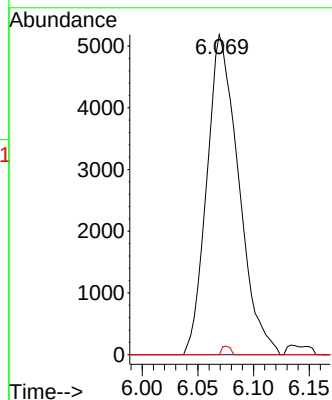
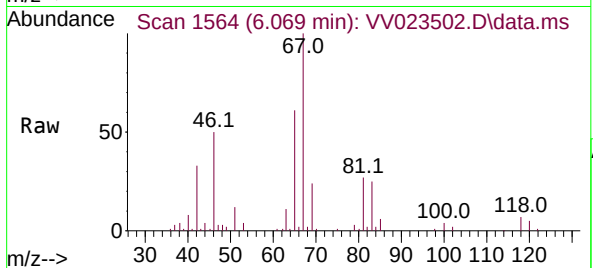
Tgt Ion: 83 Resp: 10291

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.7 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV023502.D

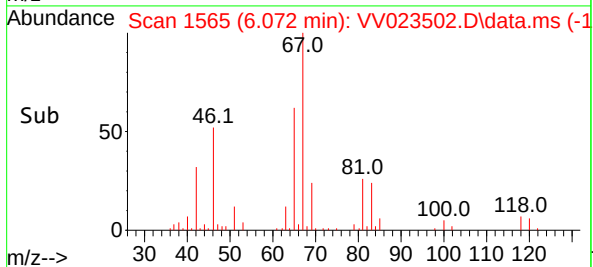
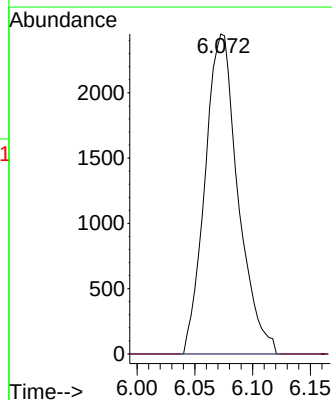
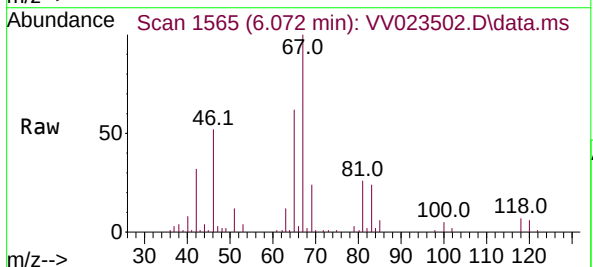
Acq: 15 Nov 2021 23:08

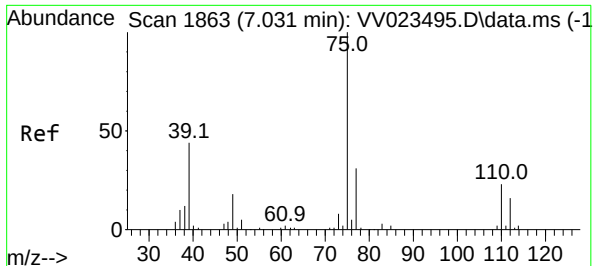
Tgt Ion: 63 Resp: 4876

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023502.D

Acq: 15 Nov 2021 23:08

Instrument :

MSVOA_V

ClientSampleId :

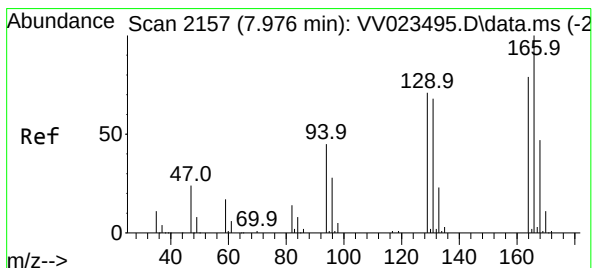
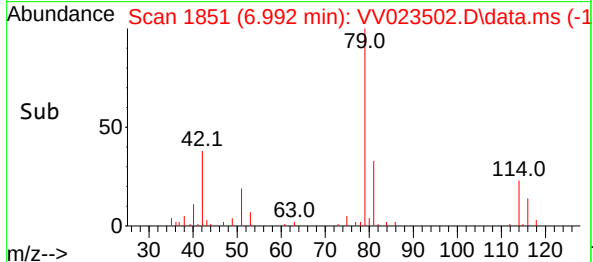
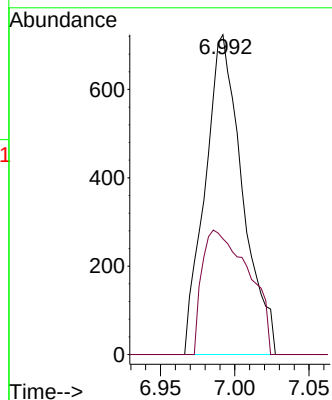
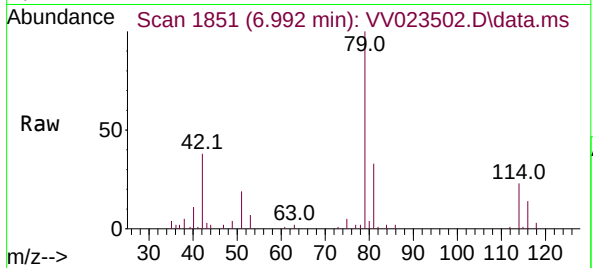
BG210

Tgt Ion: 75 Resp: 1264

Ion Ratio Lower Upper

75 100

77 36.2 21.6 40.2



#47

Tetrachloroethene

Concen: 0.404 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023502.D

Acq: 15 Nov 2021 23:08

Tgt Ion: 164 Resp: 3235

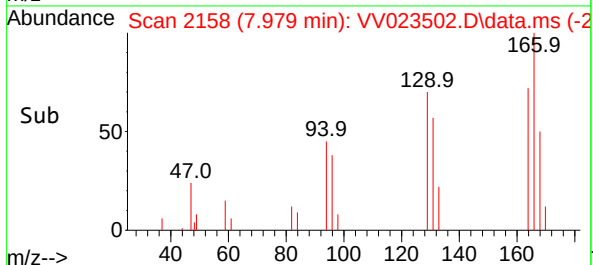
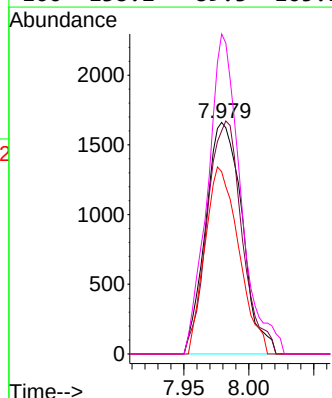
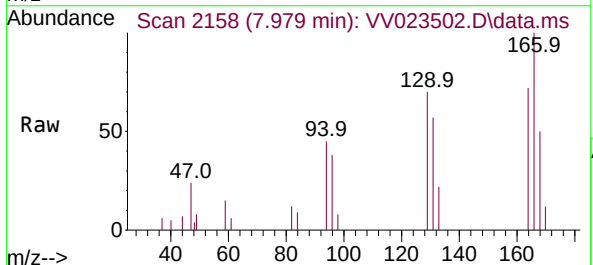
Ion Ratio Lower Upper

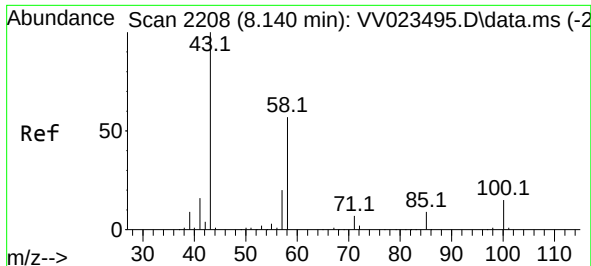
164 100

129 96.3 64.0 119.0

131 78.7 63.4 117.8

166 138.2 89.3 165.9

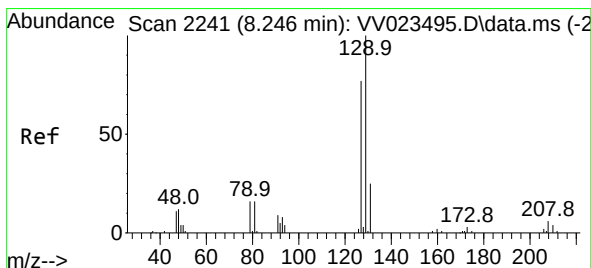
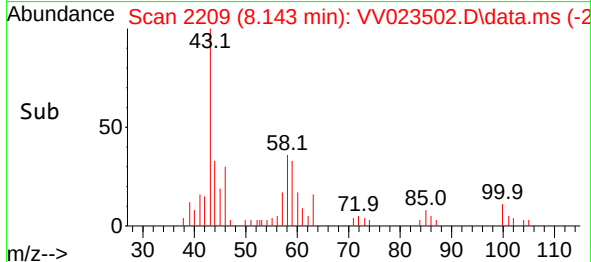
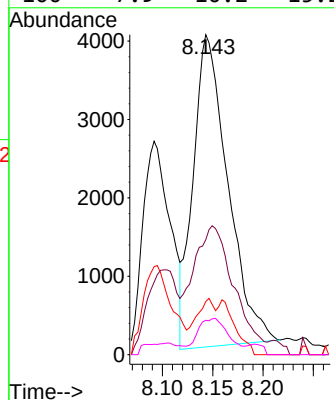
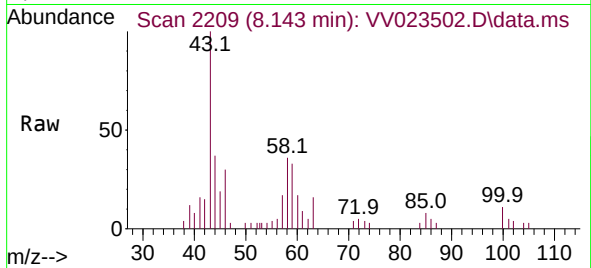




#48
2-Hexanone
Concen: 3.623 ug/L
RT: 8.143 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV023502.D
Acq: 15 Nov 2021 23:08

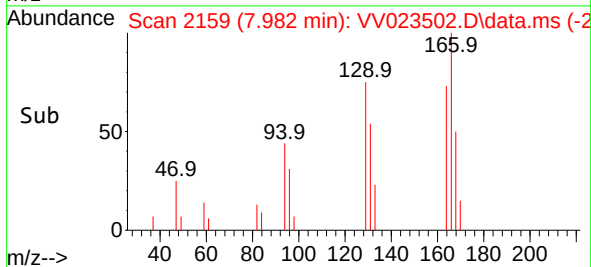
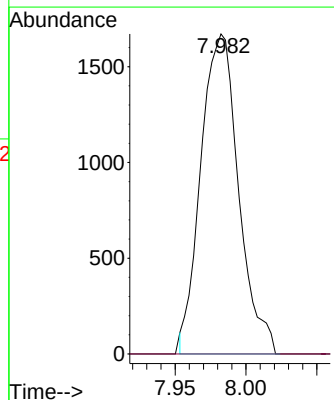
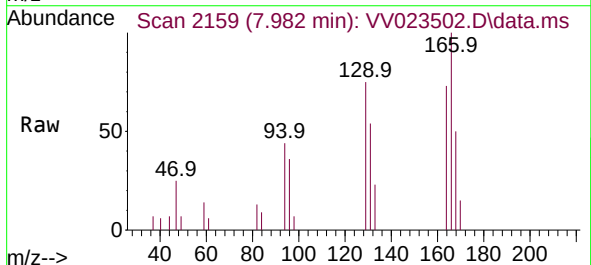
Instrument :
MSVOA_V
ClientSampleId :
BG210

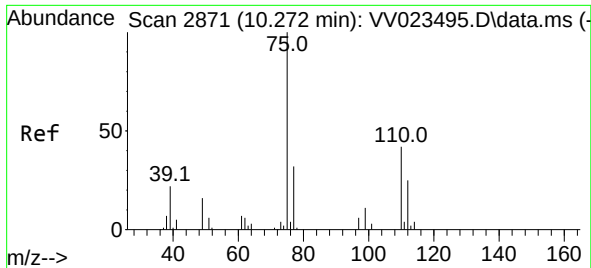
Tgt Ion: 43 Resp: 9541
Ion Ratio Lower Upper
43 100
58 49.9 43.7 65.5
57 10.1 14.1 21.1#
100 7.9 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.419 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV023502.D
Acq: 15 Nov 2021 23:08

Tgt Ion: 129 Resp: 3092
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.601 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023502.D

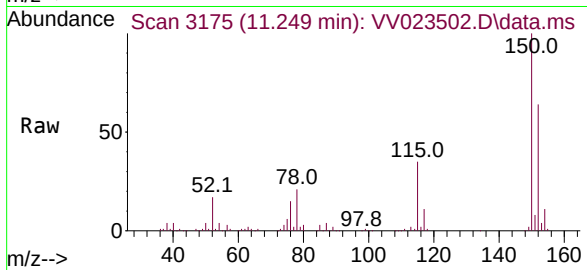
Acq: 15 Nov 2021 23:08

Instrument :

MSVOA_V

ClientSampleId :

BG210



Tgt Ion: 75 Resp: 5964

Ion Ratio Lower Upper

75 100

77 33.5 26.6 39.8

110 3.6 31.8 47.6#

