

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023507.D
 Acq On : 16 Nov 2021 01:07
 Operator : SY/MD
 Sample : M4617-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG221

Quant Time: Nov 16 05:17:32 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	124386	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56680	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38714	4.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.571	69	33176	5.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.111	63	53638	3.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.899	46	69988	52.134	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.260%
24) Chloroform-d	4.352	84	75215	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.034	65	35703	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.053	84	143461	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	43192	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	123297	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	15366	4.402	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.091	63	43422	33.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25877	3.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	47452	5.028	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%

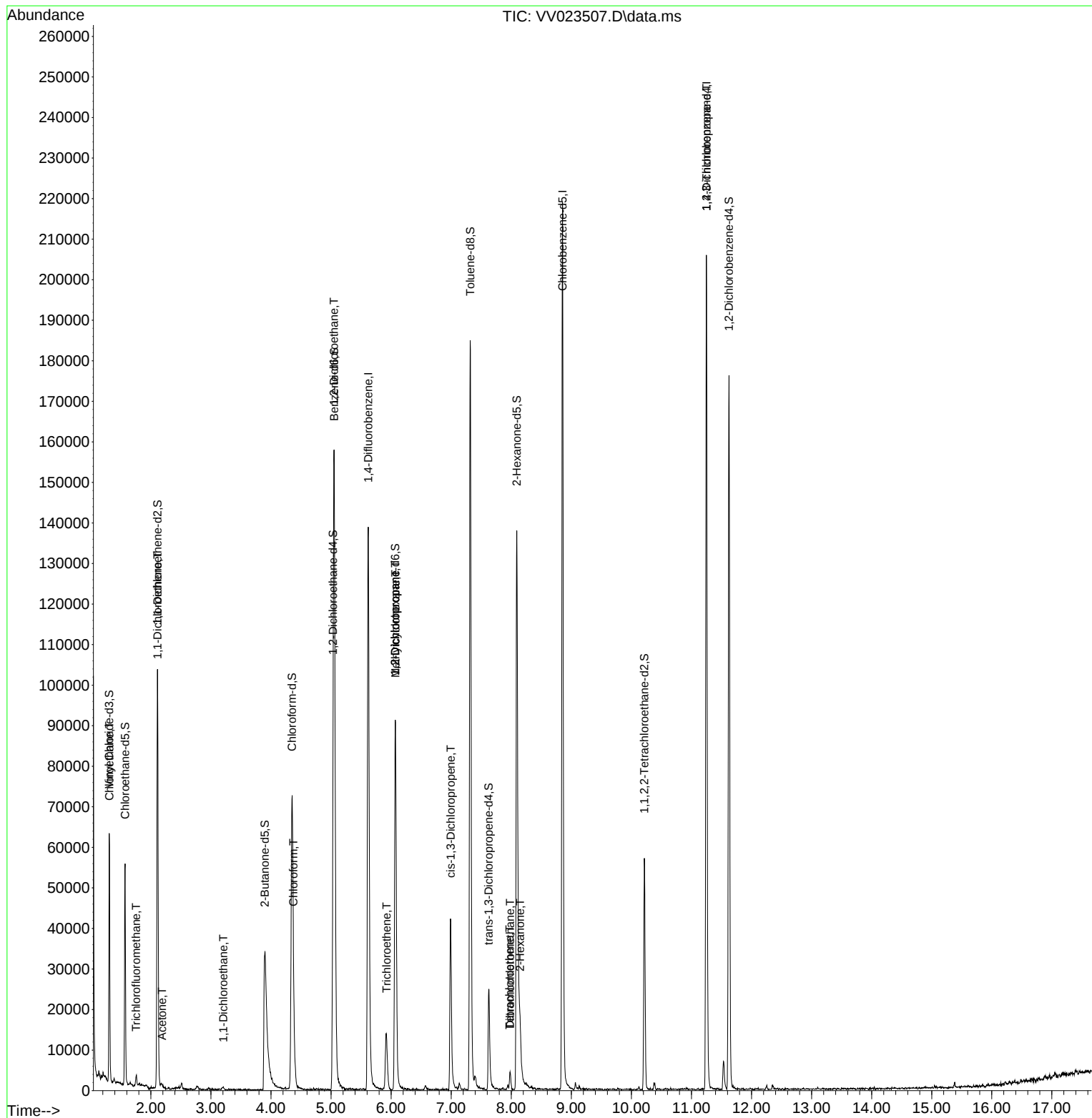
Target Compounds				Qvalue		
8) Chloroethane	1.310	64	614	0.103	ug/L #	1
9) Trichlorofluoromethane	1.754	101	1464	0.095	ug/L	100
12) 1,1-Dichloroethene	2.114	96	531	0.072	ug/L #	1
13) Acetone	2.188	43	1077	1.313	ug/L	97
19) 1,1-Dichloroethane	3.207	63	884	0.057	ug/L #	87
25) Chloroform	4.375	83	7221	0.440	ug/L	95
27) 1,2-Dichloroethane	5.050	62	829	0.095	ug/L #	72
34) Trichloroethene	5.924	95	3950	0.436	ug/L	89
35) Methylcyclohexane	6.072	83	10882	0.761	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5136	0.646	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1234	0.108	ug/L #	42
47) Tetrachloroethene	7.976	164	991	0.126	ug/L	90
48) 2-Hexanone	8.146	43	9552	3.695	ug/L #	93
49) Dibromochloromethane	7.982	129	997	0.138	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6290	1.671	ug/L #	65

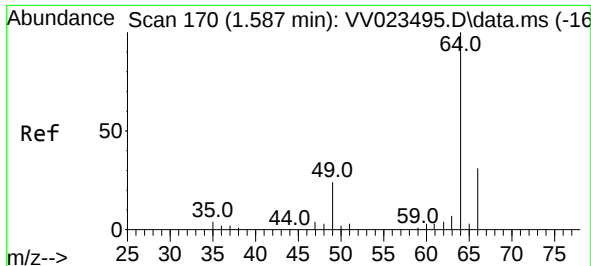
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.103 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

Instrument :

MSVOA_V

ClientSampleId :

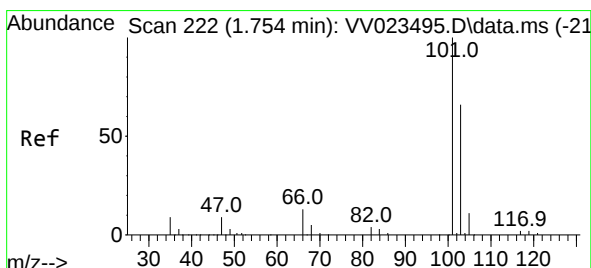
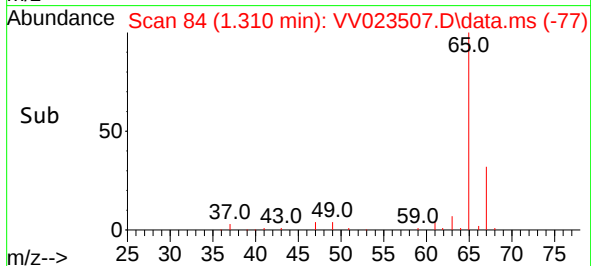
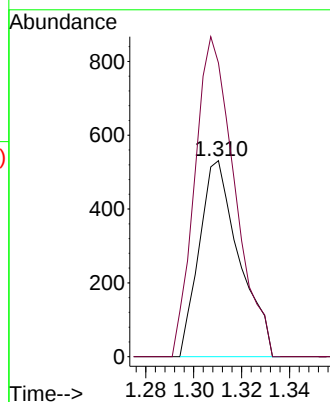
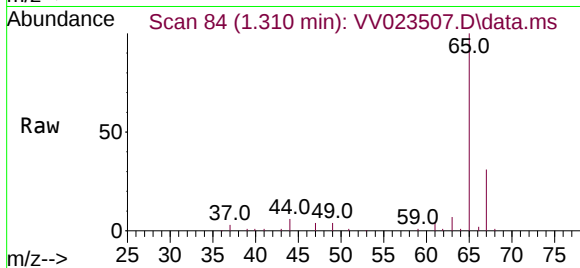
BG221

Tgt Ion: 64 Resp: 614

Ion Ratio Lower Upper

64 100

66 149.9 22.1 41.1#



#9

Trichlorofluoromethane

Concen: 0.095 ug/L

RT: 1.754 min Scan# 222

Delta R.T. -0.000 min

Lab File: VV023507.D

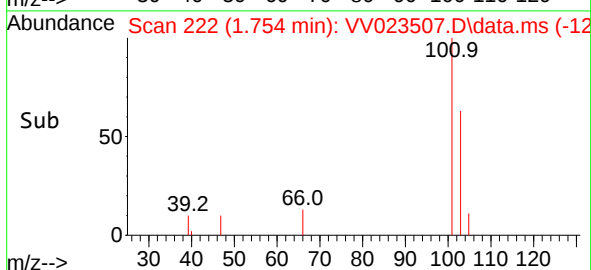
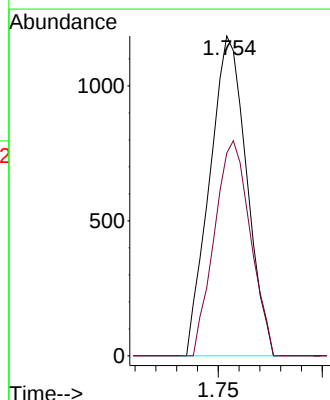
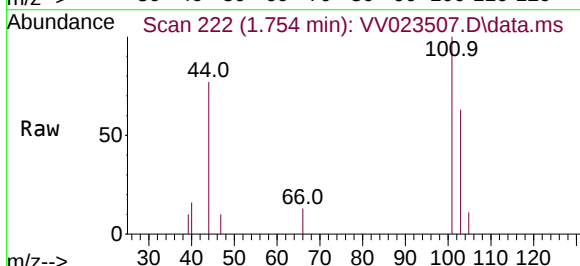
Acq: 16 Nov 2021 01:07

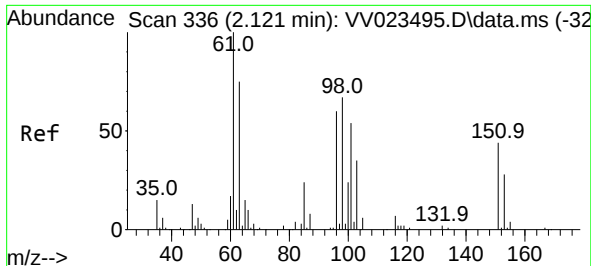
Tgt Ion:101 Resp: 1464

Ion Ratio Lower Upper

101 100

103 65.4 52.6 79.0





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

Instrument :

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ClientSampleId :

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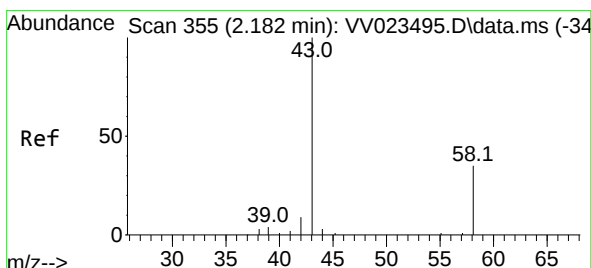
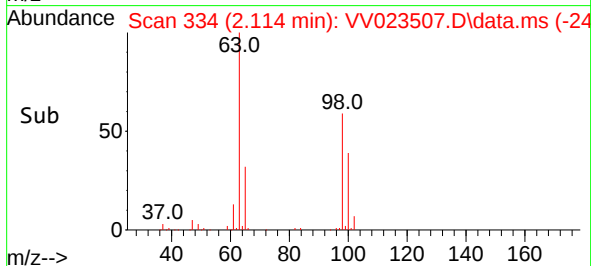
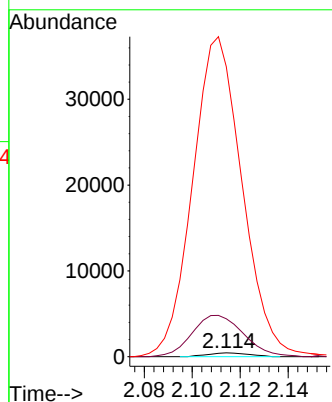
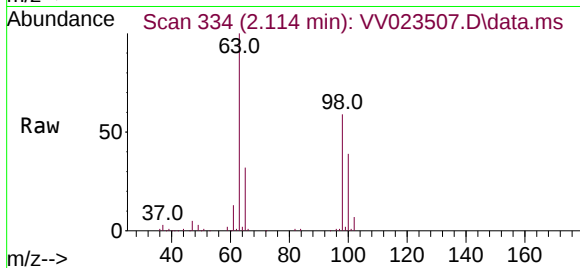
Tgt Ion: 96 Resp: 531

Ion Ratio Lower Upper

96 100

61 973.3 121.5 225.7#

63 7448.5 99.6 185.0#



#13

Acetone

Concen: 1.313 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.006 min

Lab File: VV023507.D

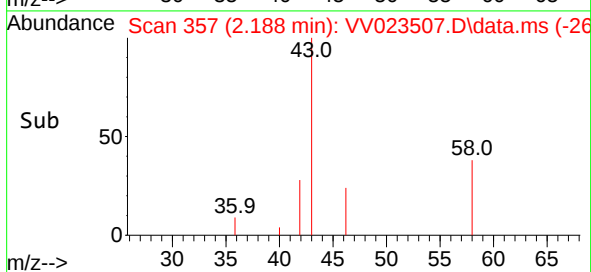
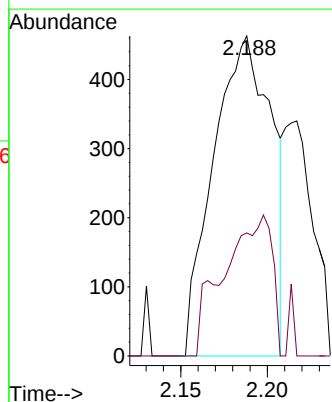
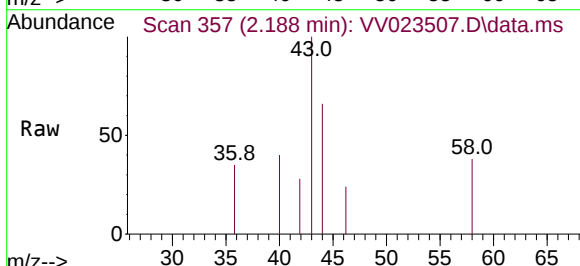
Acq: 16 Nov 2021 01:07

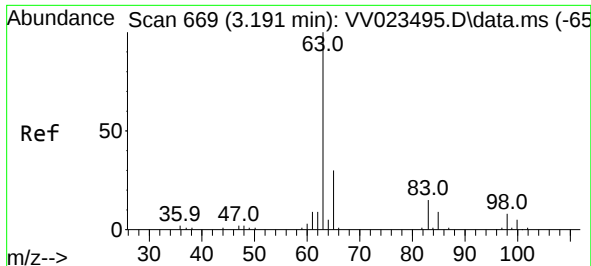
Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

43 100

58 29.2 0.0 55.4





#19

1,1-Dichloroethane

Concen: 0.057 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.016 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

Instrument :

MSVOA_V

ClientSampleId :

BG221

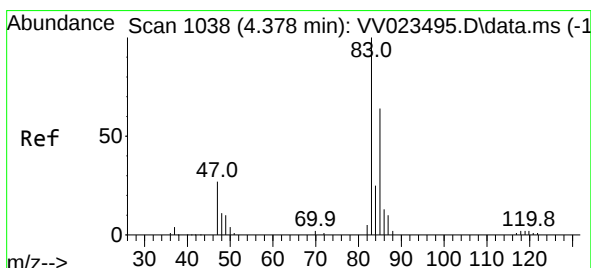
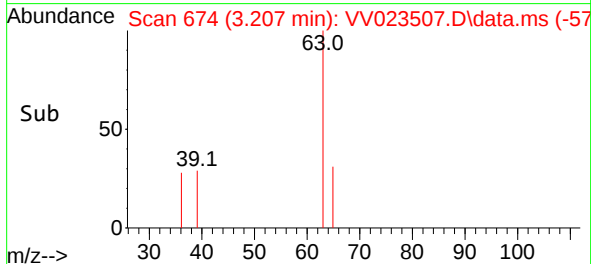
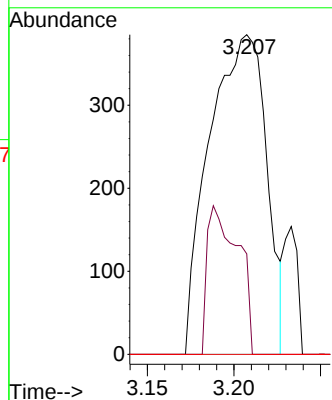
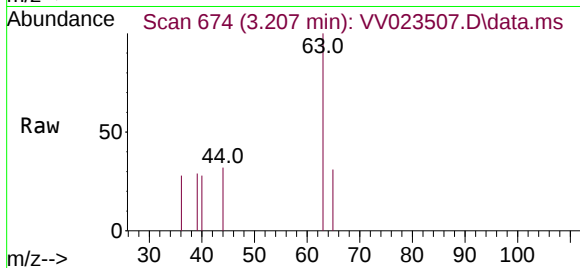
Tgt Ion: 63 Resp: 884

Ion Ratio Lower Upper

63 100

65 31.4 22.6 42.0

83 0.0 11.1 20.7#



#25

Chloroform

Concen: 0.440 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV023507.D

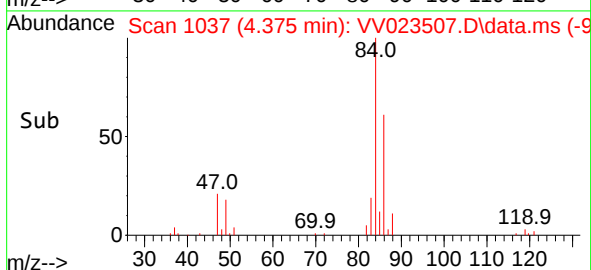
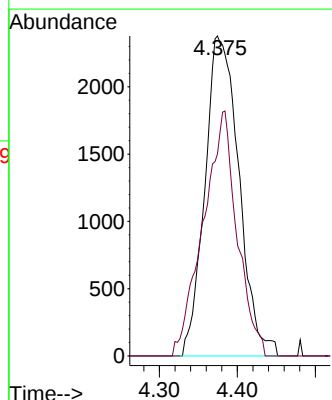
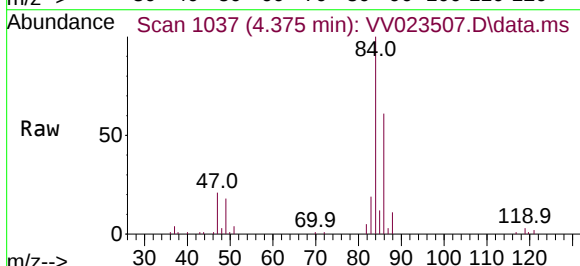
Acq: 16 Nov 2021 01:07

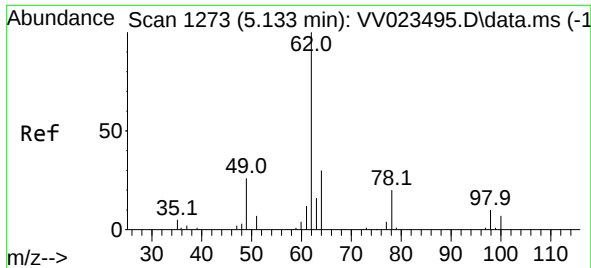
Tgt Ion: 83 Resp: 7221

Ion Ratio Lower Upper

83 100

85 63.2 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

Instrument :

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ClientSampleId :

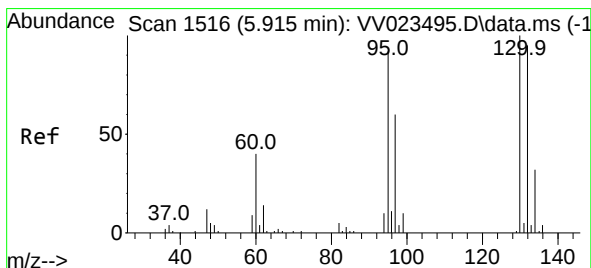
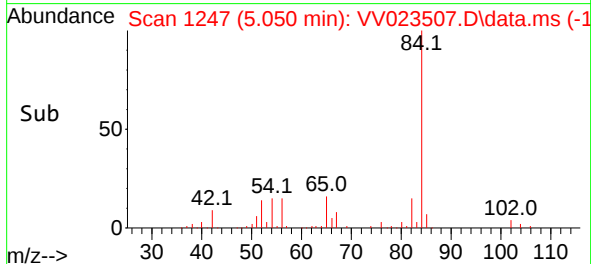
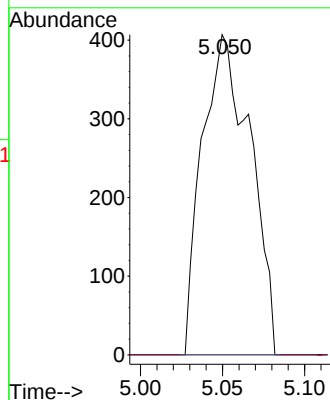
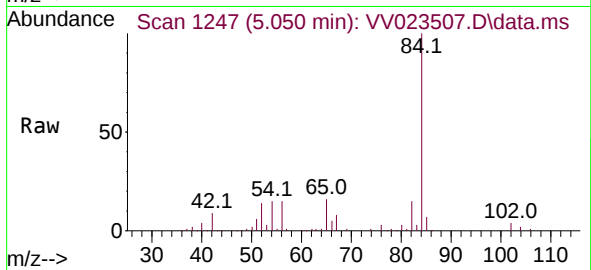
BG221

Tgt Ion: 62 Resp: 829

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.436 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.009 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

Tgt Ion: 95 Resp: 3950

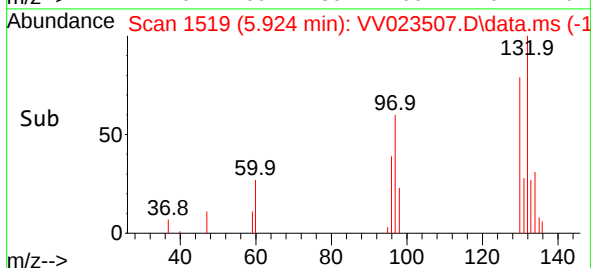
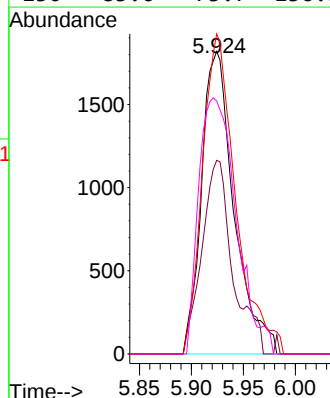
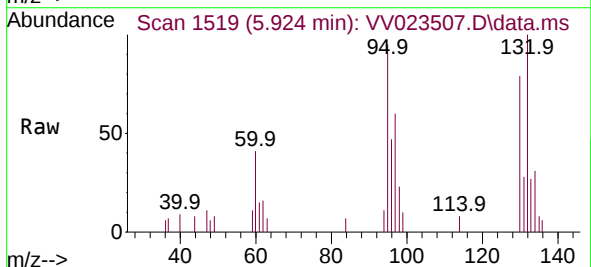
Ion Ratio Lower Upper

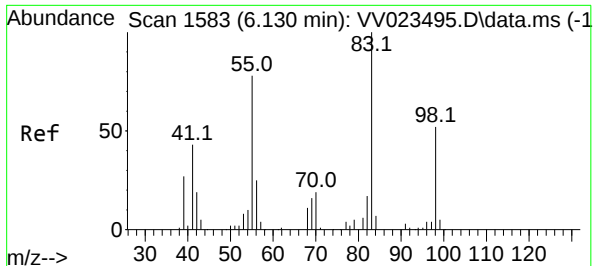
95 100

97 64.0 45.0 83.6

132 105.8 69.7 129.4

130 83.6 73.7 136.9





#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

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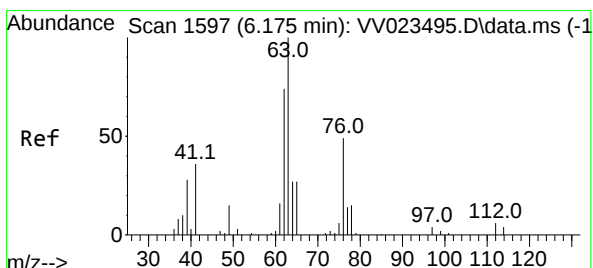
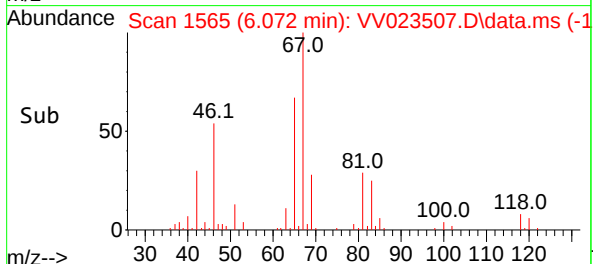
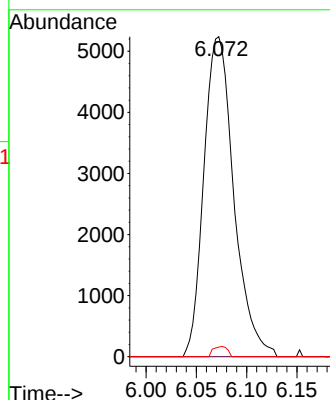
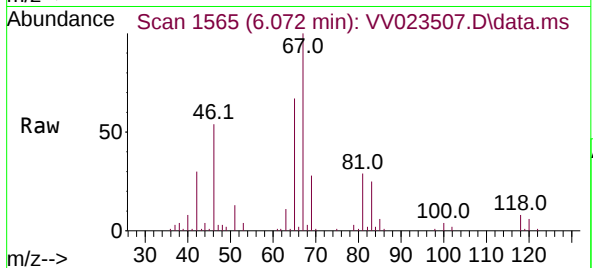
Tgt Ion: 83 Resp: 10882

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.646 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV023507.D

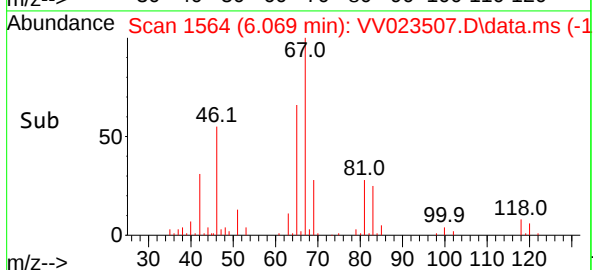
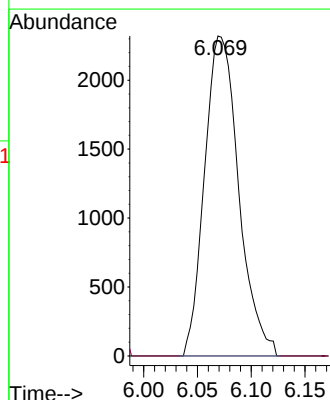
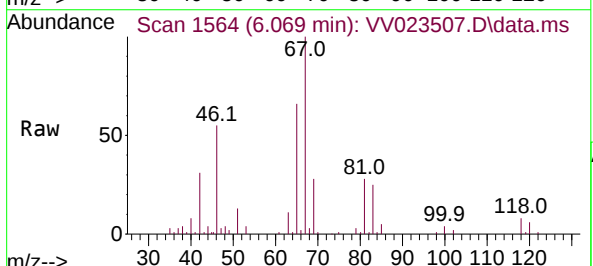
Acq: 16 Nov 2021 01:07

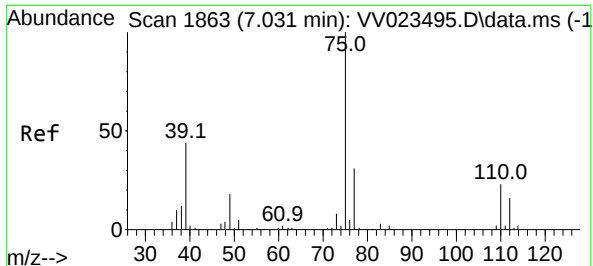
Tgt Ion: 63 Resp: 5136

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: VV023507.D

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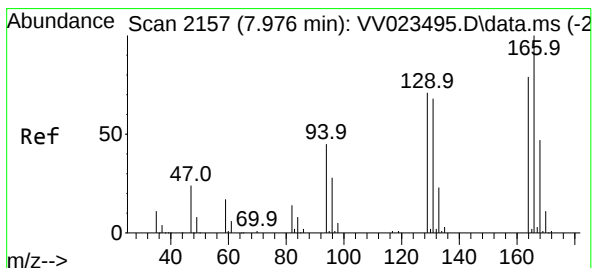
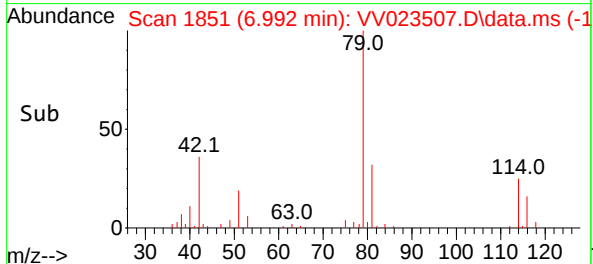
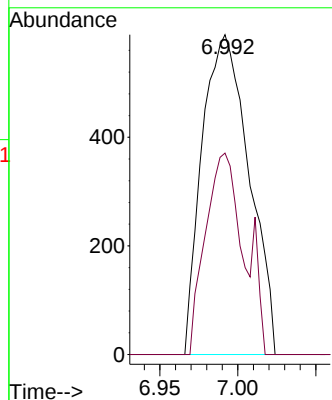
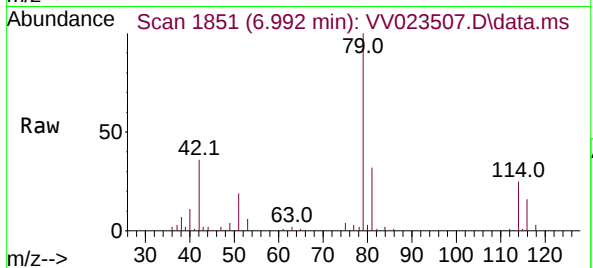
BG221

Tgt Ion: 75 Resp: 1234

Ion Ratio Lower Upper

75 100

77 63.0 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.126 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023507.D

Acq: 16 Nov 2021 01:07

Tgt Ion: 164 Resp: 991

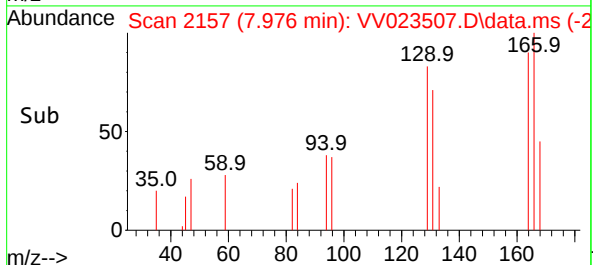
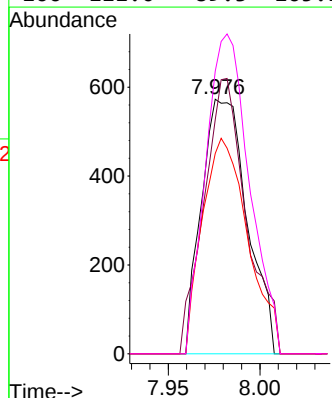
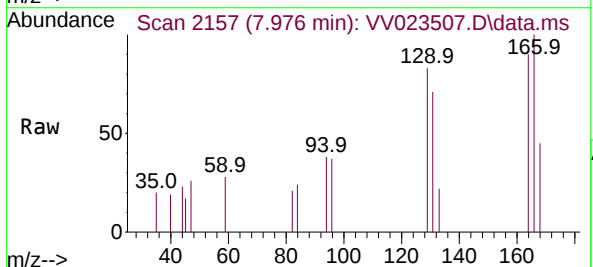
Ion Ratio Lower Upper

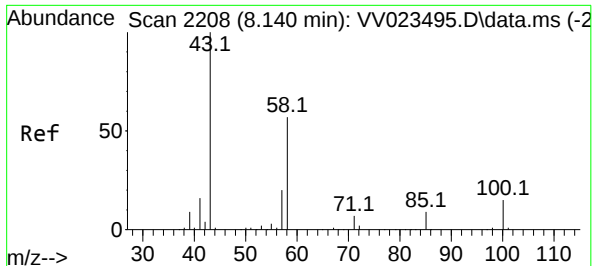
164 100

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131 78.7 63.4 117.8

166 111.0 89.3 165.9

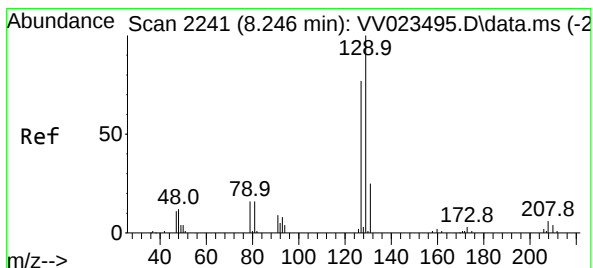
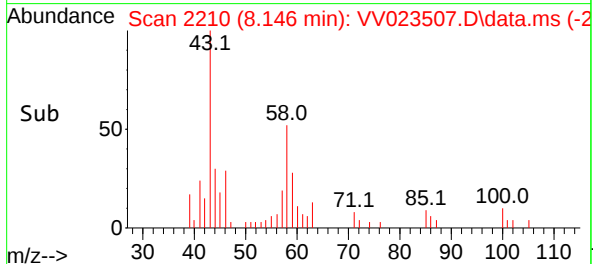
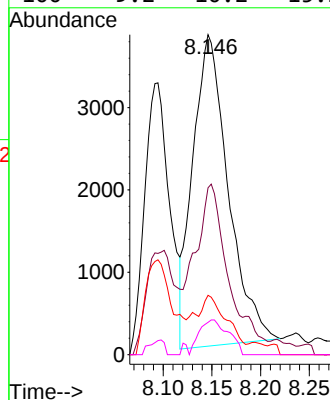
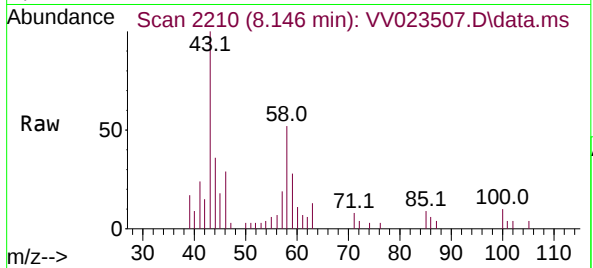




#48
2-Hexanone
Concen: 3.695 ug/L
RT: 8.146 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV023507.D
Acq: 16 Nov 2021 01:07

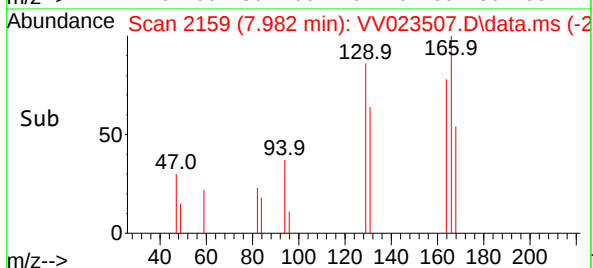
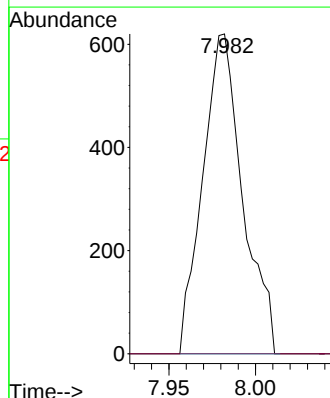
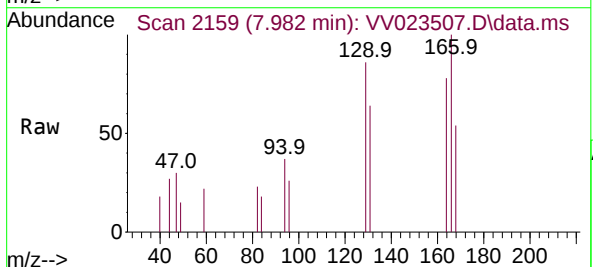
Instrument :
MSVOA_V
ClientSampleId :
BG221

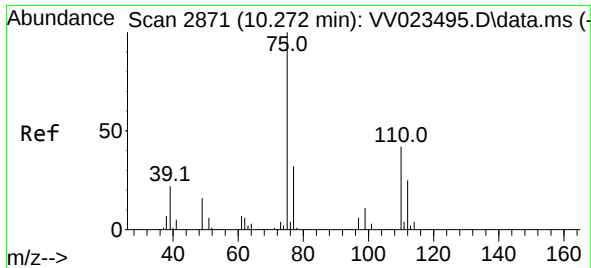
Tgt Ion: 43	Resp: 9552
Ion Ratio	Lower Upper
43 100	
58 52.2	43.7 65.5
57 10.6	14.1 21.1#
100 9.2	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.138 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV023507.D
Acq: 16 Nov 2021 01:07

Tgt Ion:129	Resp:	997	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.671 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023507.D

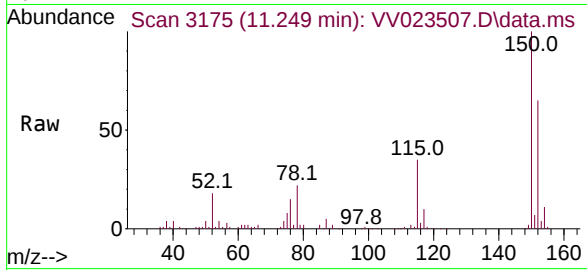
Acq: 16 Nov 2021 01:07

Instrument :

MSVOA_V

ClientSampleId :

BG221



Tgt Ion: 75 Resp: 6290

Ion Ratio Lower Upper

75 100

77 29.7 26.6 39.8

110 3.6 31.8 47.6#

