

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023546.D
 Acq On : 16 Nov 2021 20:01
 Operator : SY/MD
 Sample : M4616-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG205

Quant Time: Nov 17 00:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

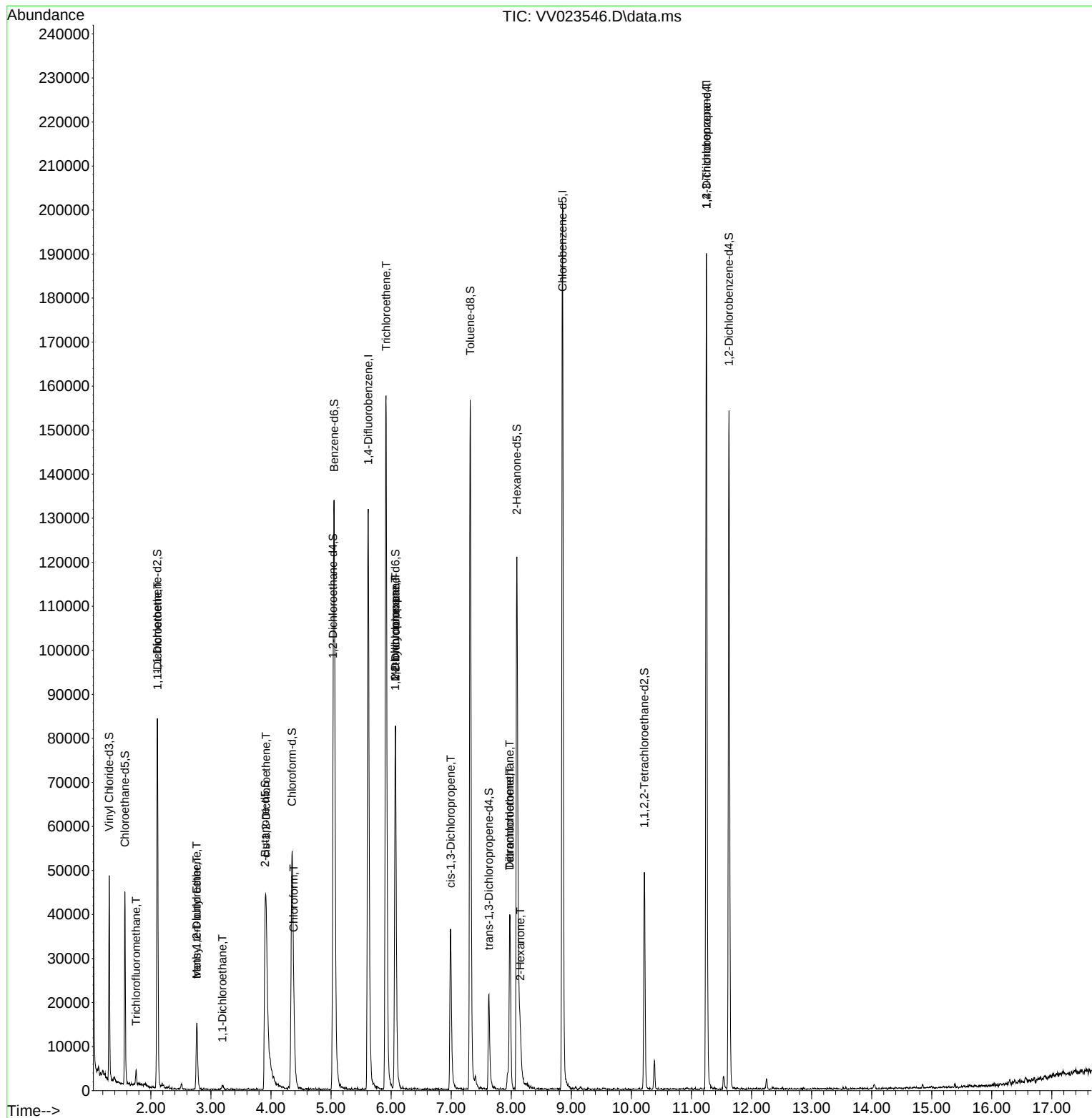
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28937	3.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.568	69	25664	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.108	63	43089	3.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.902	46	63402	49.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.780%
24) Chloroform-d	4.352	84	54097	3.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
26) 1,2-Dichloroethane-d4	5.034	65	32097	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.053	84	121953	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.072	67	38101	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.317	98	104283	3.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.628	79	13230	3.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.091	63	40779	33.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23234	3.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	41878	4.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	1620	0.111	ug/L	89
12) 1,1-Dichloroethene	2.111	96	518	0.074	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	3381	0.219	ug/L #	76
18) trans-1,2-Dichloroethene	2.764	96	4744	0.550	ug/L	97
19) 1,1-Dichloroethane	3.191	63	760	0.052	ug/L #	83
22) cis-1,2-Dichloroethene	3.918	96	13088	1.575	ug/L #	88
25) Chloroform	4.378	83	12028	0.774	ug/L	98
34) Trichloroethene	5.915	95	52535	6.089	ug/L	96
35) Methylcyclohexane	6.072	83	9468	0.695	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4330	0.572	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1032	0.095	ug/L #	71
47) Tetrachloroethene	7.976	164	9777	1.308	ug/L	96
48) 2-Hexanone	8.149	43	7968	3.237	ug/L	91
49) Dibromochloromethane	7.976	129	8700	1.262	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5523	1.583	ug/L #	64

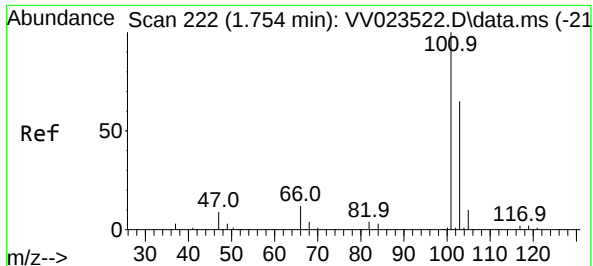
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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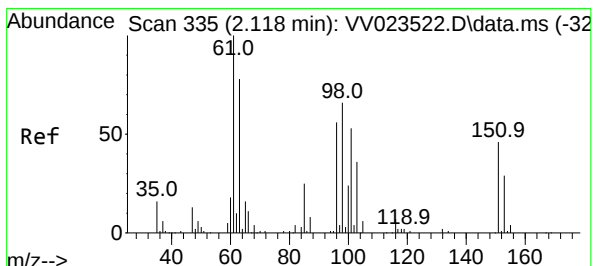
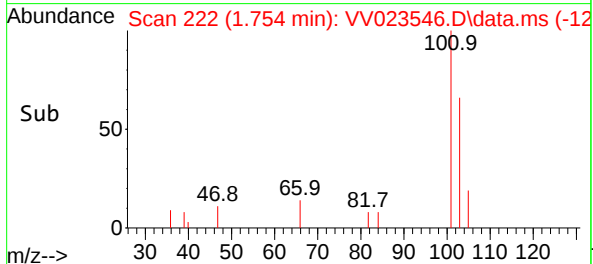
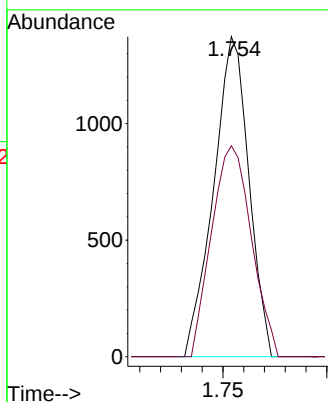
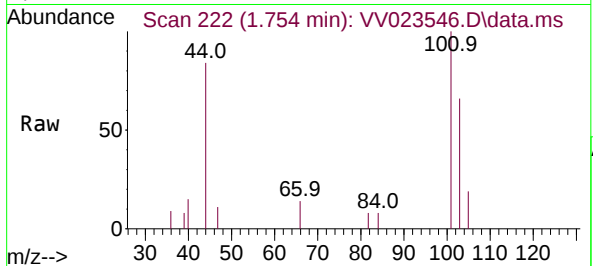




#9
Trichlorofluoromethane
Concen: 0.111 ug/L
RT: 1.754 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

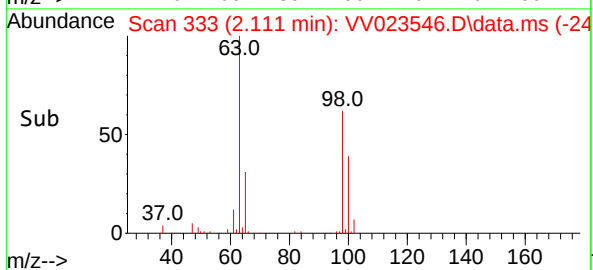
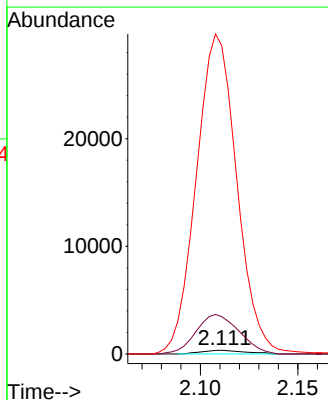
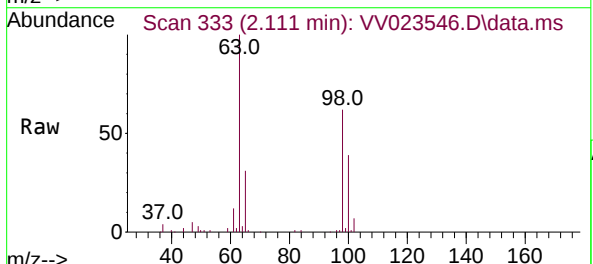
Instrument :
MSVOA_V
ClientSampleId :
BG205

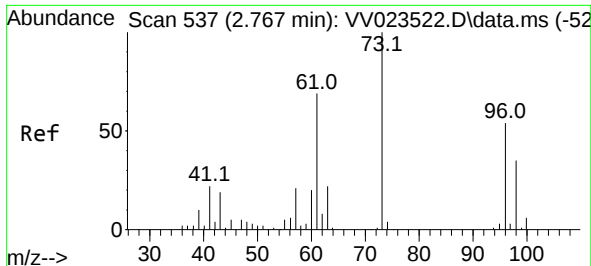
Tgt Ion:101 Resp: 1620
Ion Ratio Lower Upper
101 100
103 74.3 52.6 79.0



#12
1,1-Dichloroethene
Concen: 0.074 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Tgt Ion: 96 Resp: 518
Ion Ratio Lower Upper
96 100
61 1017.9 121.5 225.7#
63 8405.9 99.6 185.0#

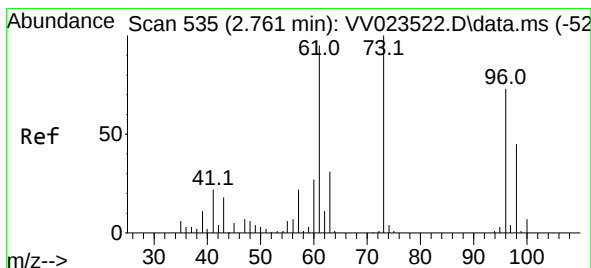
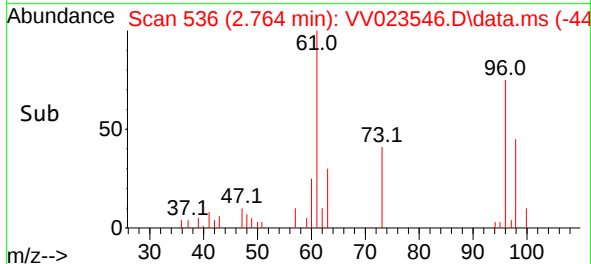
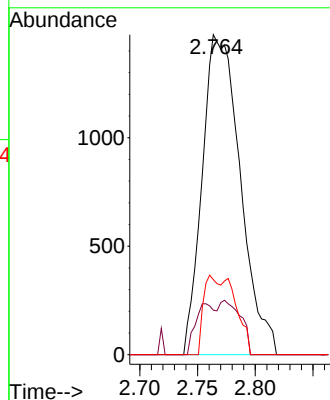
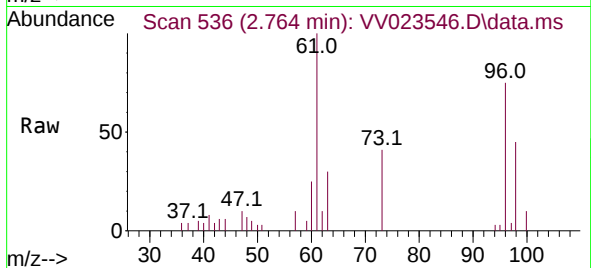




#17
Methyl tert-butyl Ether
Concen: 0.219 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

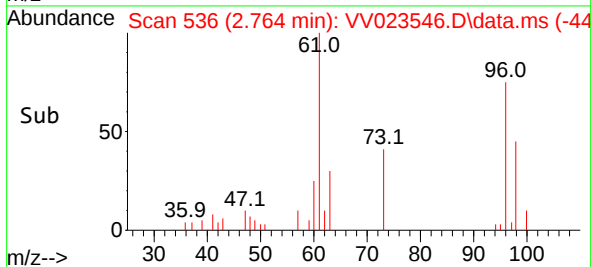
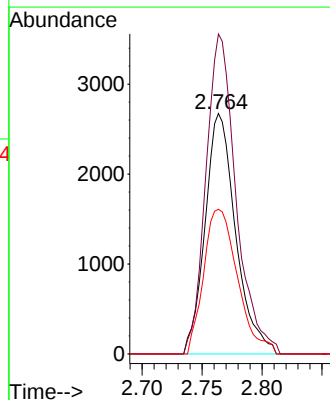
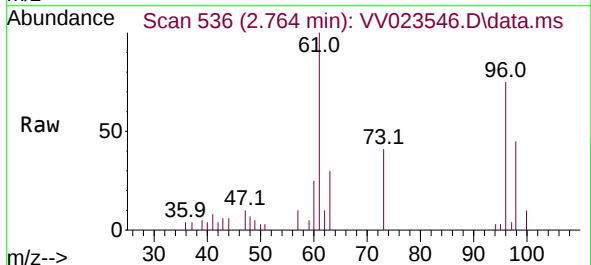
Instrument :
MSVOA_V
ClientSampleId :
BG205

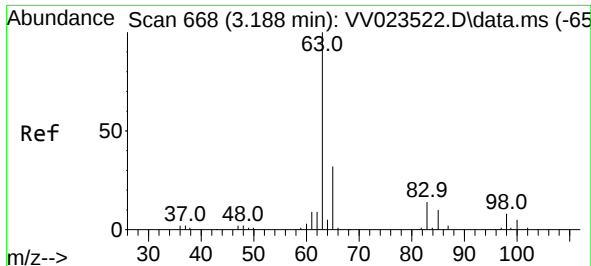
Tgt Ion: 73 Resp: 3381
Ion Ratio Lower Upper
73 100
43 8.7 17.4 26.0#
57 10.9 16.5 24.7#



#18
trans-1,2-Dichloroethene
Concen: 0.550 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Tgt Ion: 96 Resp: 4744
Ion Ratio Lower Upper
96 100
61 133.1 93.2 173.2
98 60.2 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.052 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

Instrument :

MSVOA_V

ClientSampleId :

BG205

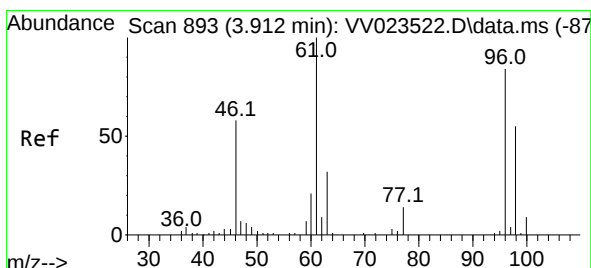
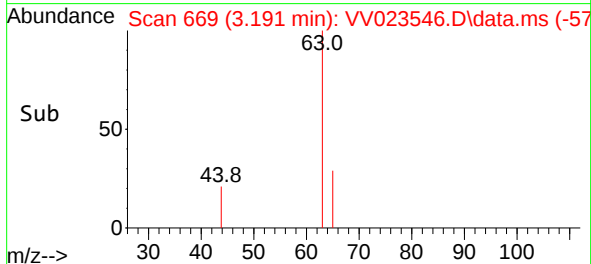
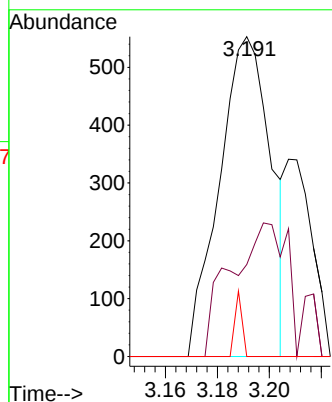
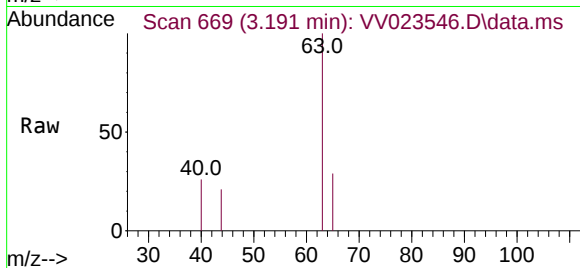
Tgt Ion: 63 Resp: 760

Ion Ratio Lower Upper

63 100

65 28.8 22.6 42.0

83 0.0 11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 1.575 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

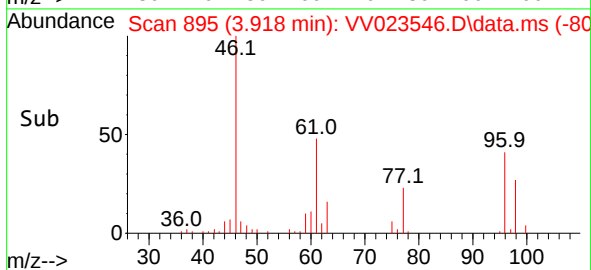
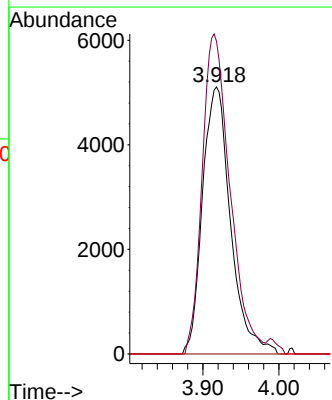
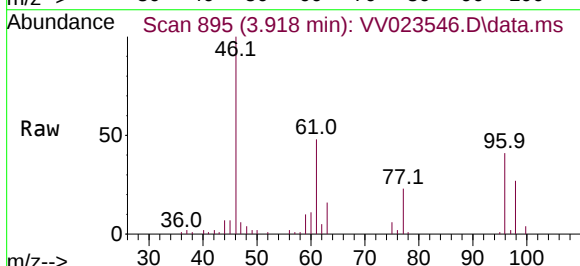
Tgt Ion: 96 Resp: 13088

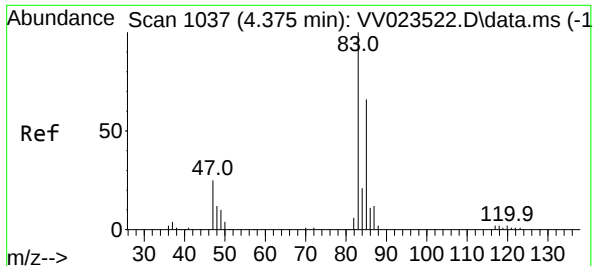
Ion Ratio Lower Upper

96 100

61 117.1 92.3 171.3

68 0.0 0.4 0.8#

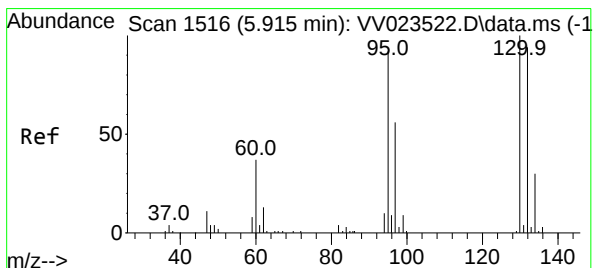
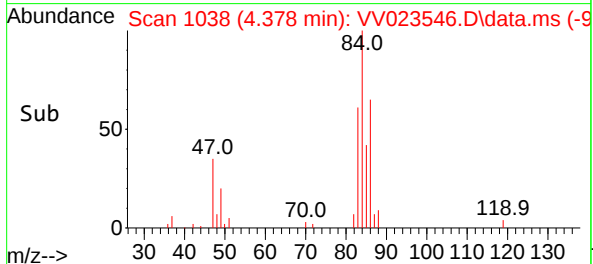
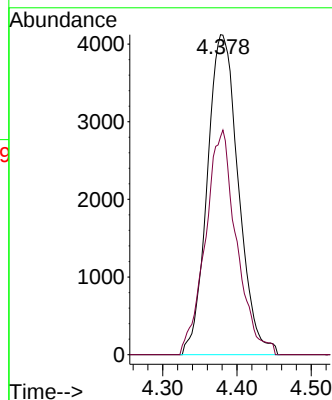
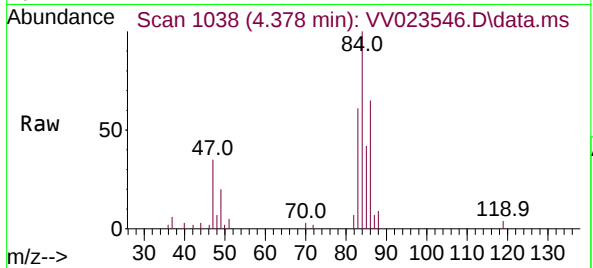




#25
Chloroform
Concen: 0.774 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

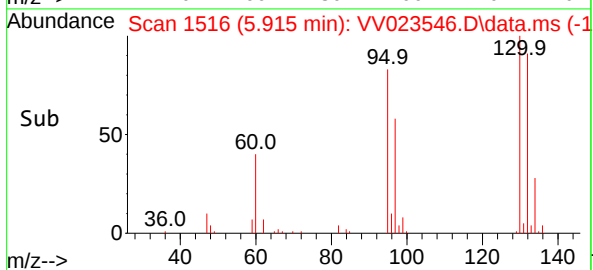
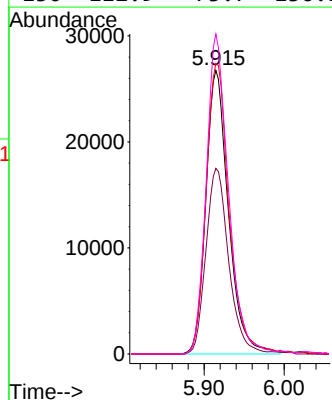
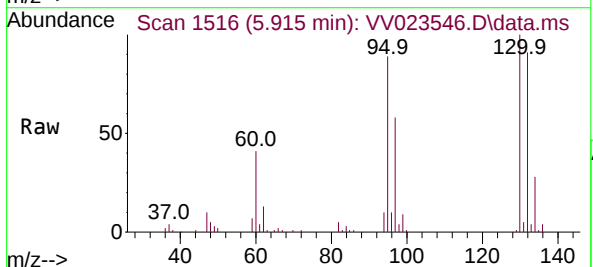
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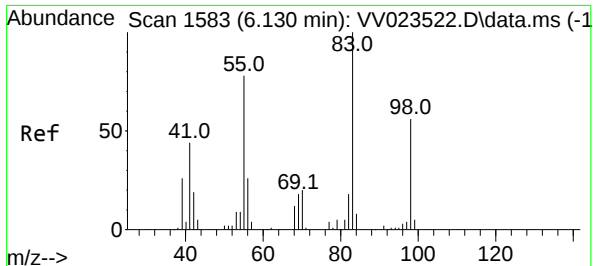
Tgt Ion: 83 Resp: 12028
Ion Ratio Lower Upper
83 100
85 68.1 46.8 86.8



#34
Trichloroethene
Concen: 6.089 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Tgt Ion: 95 Resp: 52535
Ion Ratio Lower Upper
95 100
97 65.5 45.0 83.6
132 102.5 69.7 129.4
130 112.9 73.7 136.9





#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

Instrument :

MSVOA_V

ClientSampleId :

BG205

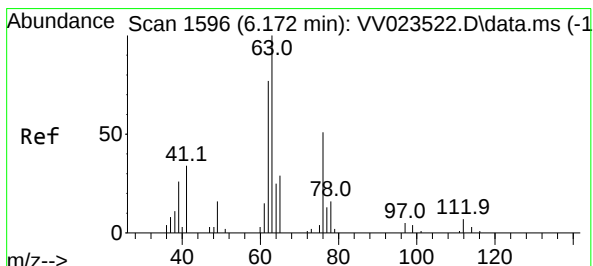
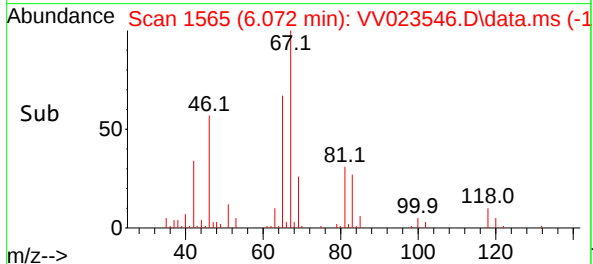
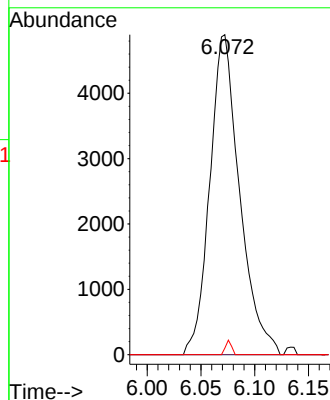
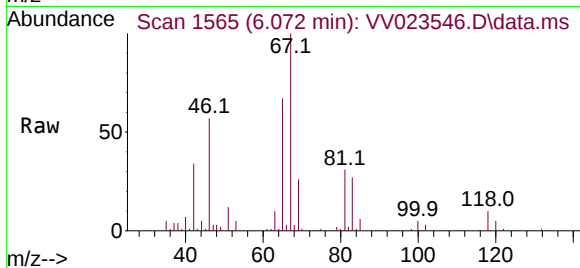
Tgt Ion: 83 Resp: 9468

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.9 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023546.D

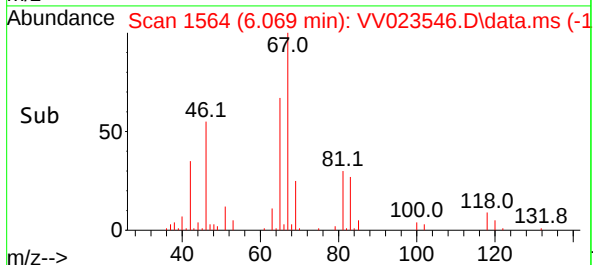
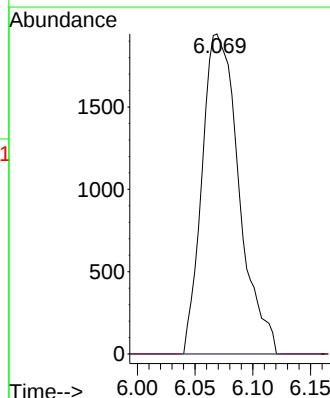
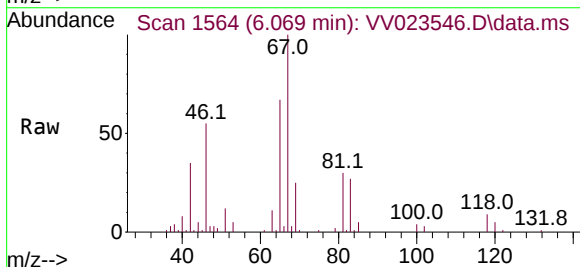
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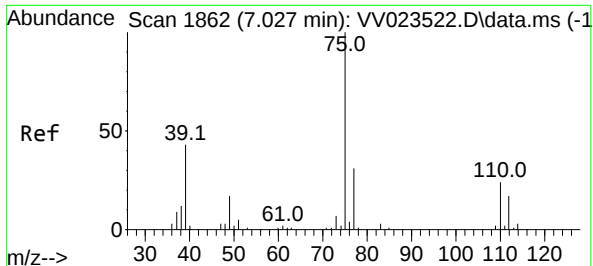
Tgt Ion: 63 Resp: 4330

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

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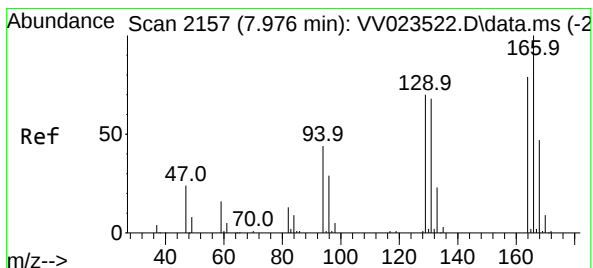
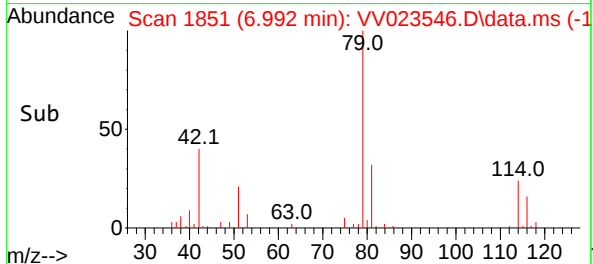
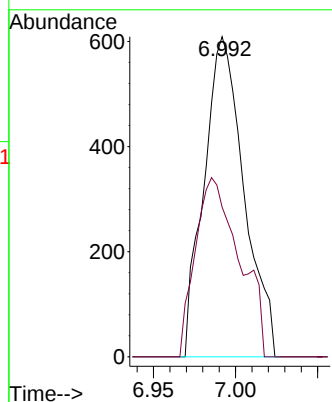
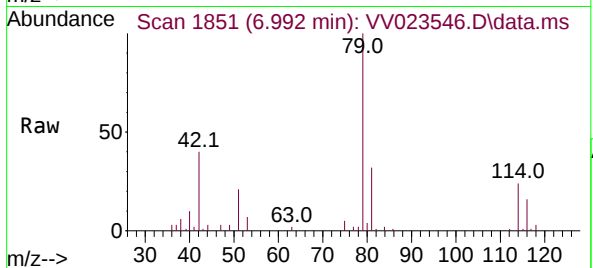
BG205

Tgt Ion: 75 Resp: 1032

Ion Ratio Lower Upper

75 100

77 46.8 21.6 40.2#



#47

Tetrachloroethene

Concen: 1.308 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

Tgt Ion:164 Resp: 9777

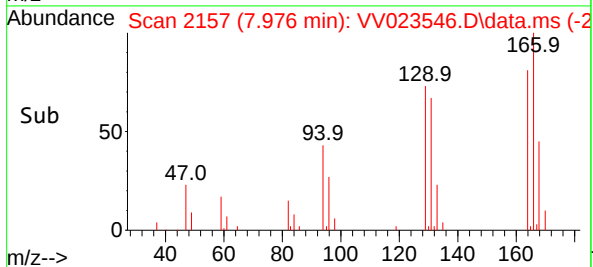
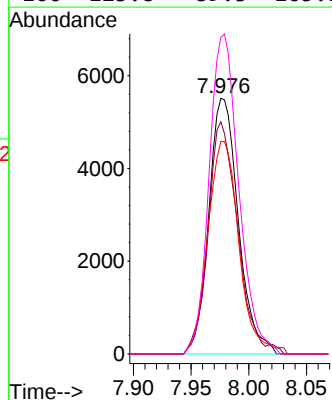
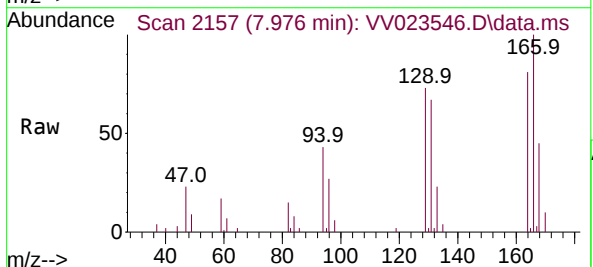
Ion Ratio Lower Upper

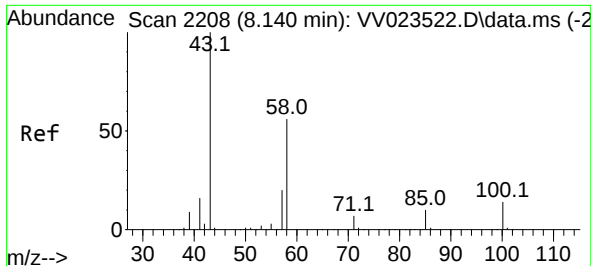
164 100

129 90.8 64.0 119.0

131 83.1 63.4 117.8

166 123.8 89.3 165.9

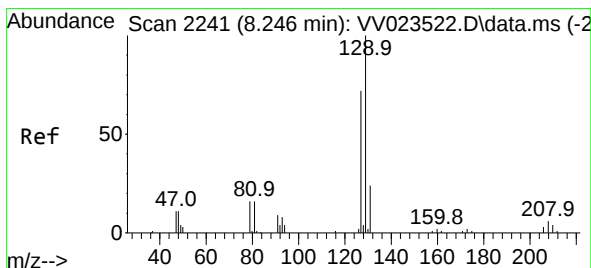
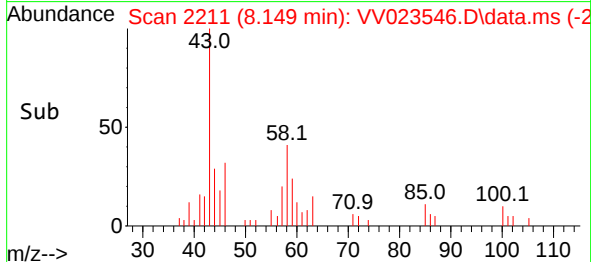
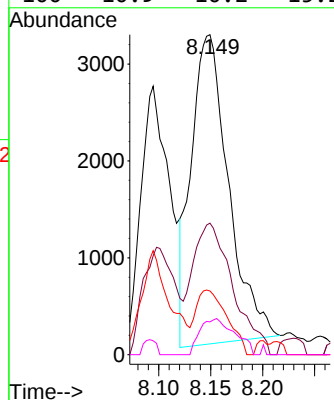
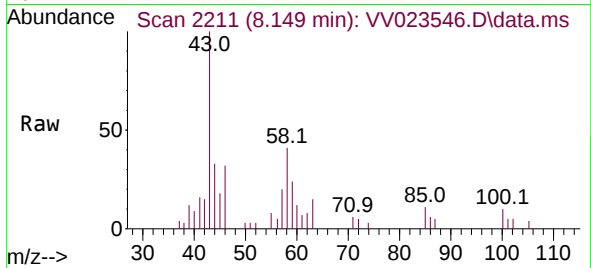




#48
2-Hexanone
Concen: 3.237 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

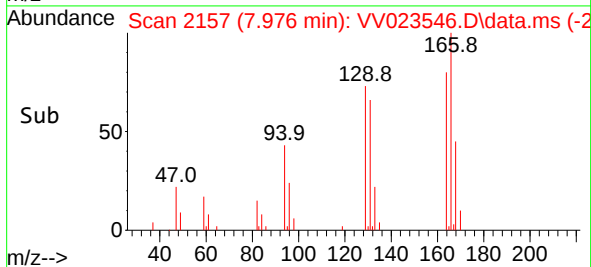
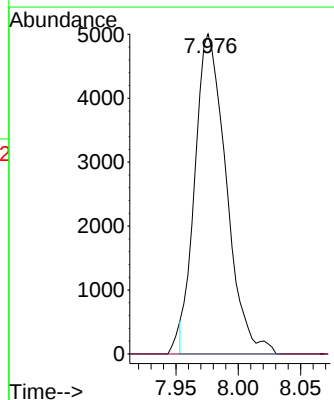
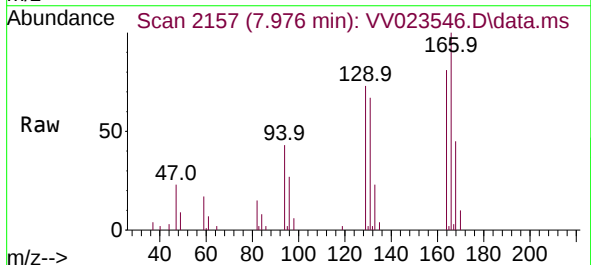
Instrument :
MSVOA_V
ClientSampleId :
BG205

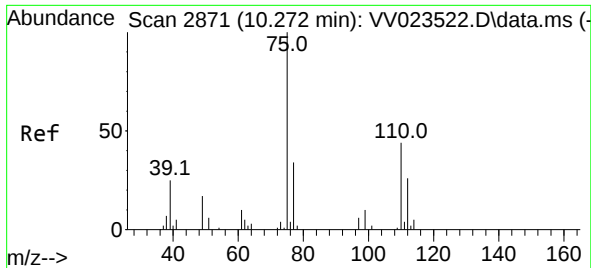
Tgt Ion: 43	Resp: 7968
Ion Ratio	Lower Upper
43 100	
58 45.9	43.7 65.5
57 17.4	14.1 21.1
100 10.9	10.2 15.2



#49
Dibromochloromethane
Concen: 1.262 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Tgt Ion:129	Resp:	8700	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.583 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023546.D

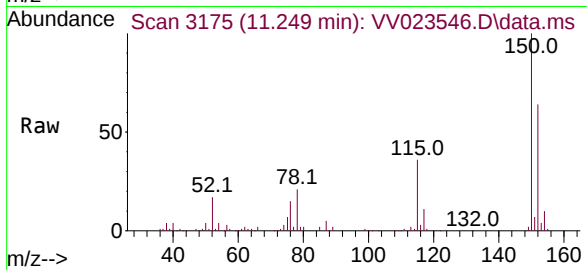
Acq: 16 Nov 2021 20:01

Instrument :

MSVOA_V

ClientSampleId :

BG205



Tgt Ion: 75 Resp: 5523

Ion Ratio Lower Upper

75 100

77 29.9 26.6 39.8

110 2.2 31.8 47.6#

