

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023525.D
 Acq On : 16 Nov 2021 11:38
 Operator : SY/MD
 Sample : M4616-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X7DL

Quant Time: Nov 17 00:50:30 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)

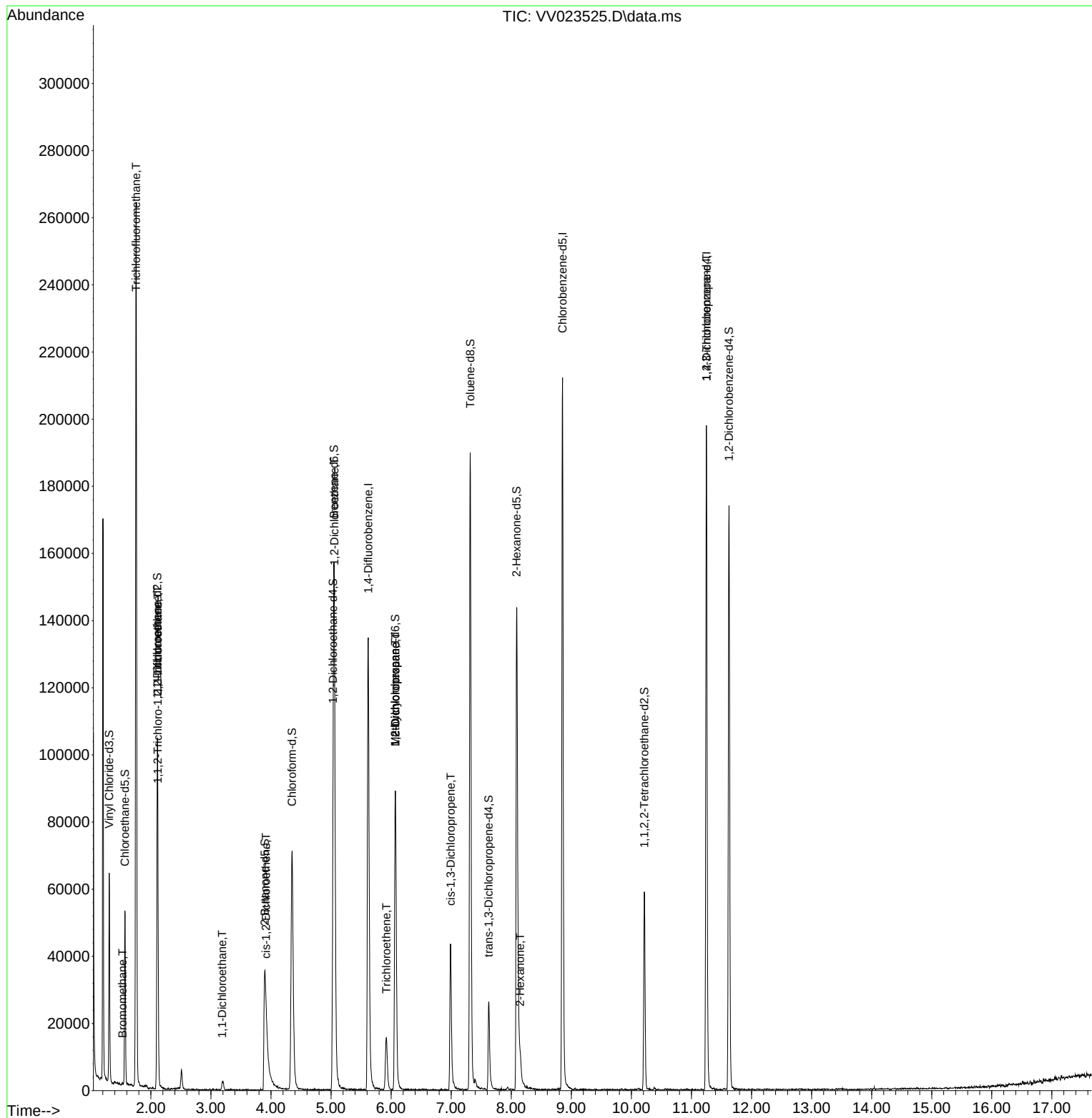
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37583	4.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.568	69	31025	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.108	63	52491	3.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.899	46	70301	53.724	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	4.352	84	74428	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.034	65	36190	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.050	84	145676	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	43124	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	126223	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	16316	4.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.088	63	48781	39.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26820	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	46804	5.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
6) Bromomethane	1.526	94	359	0.056	ug/L	75
9) Trichlorofluoromethane	1.754	101	144932	9.608	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	2060	0.271	ug/L #	89
12) 1,1-Dichloroethene	2.111	96	687	0.095	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	3063	0.204	ug/L	88
22) cis-1,2-Dichloroethene	3.918	96	725	0.085	ug/L #	70
27) 1,2-Dichloroethane	5.056	62	858	0.101	ug/L #	72
34) Trichloroethene	5.921	95	5021	0.571	ug/L	96
35) Methylcyclohexane	6.069	83	11027	0.795	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4900	0.635	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1309	0.118	ug/L #	61
48) 2-Hexanone	8.146	43	5138	2.048	ug/L #	74
61) 1,2,3-Trichloropropane	11.249	75	5517	1.550	ug/L #	64

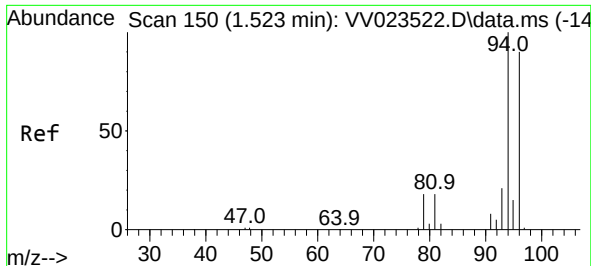
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
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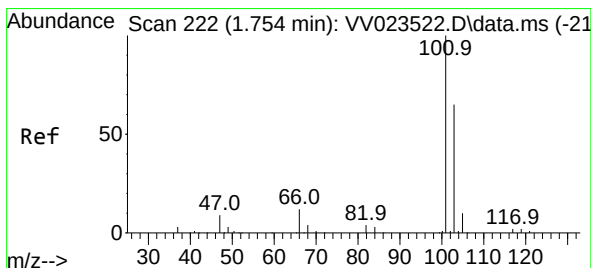
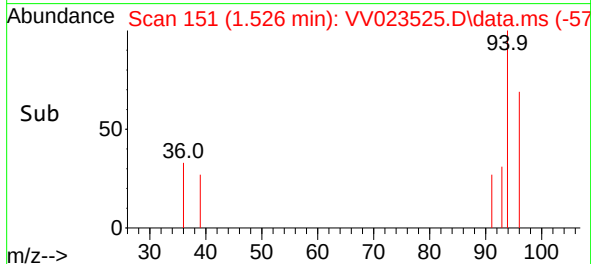
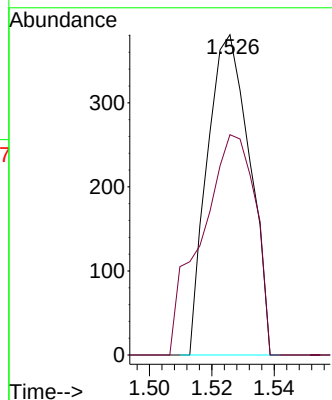
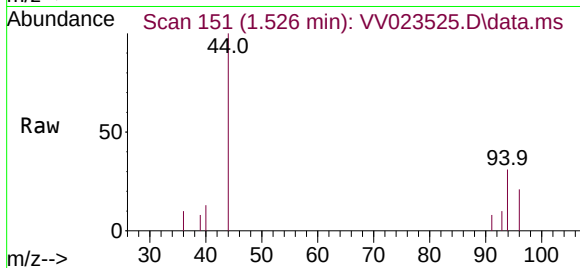




#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023525.D
Acq: 16 Nov 2021 11:38

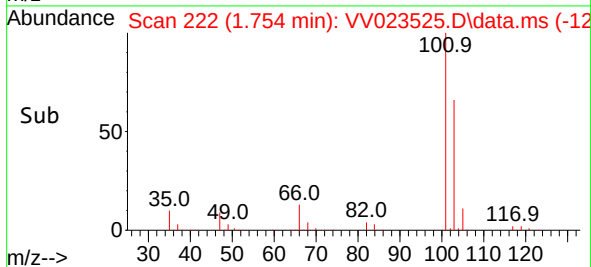
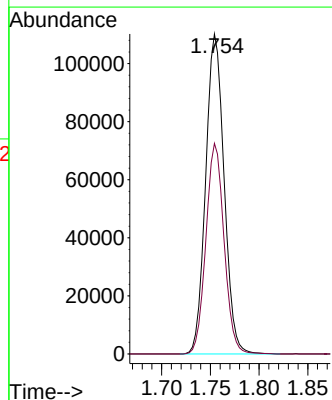
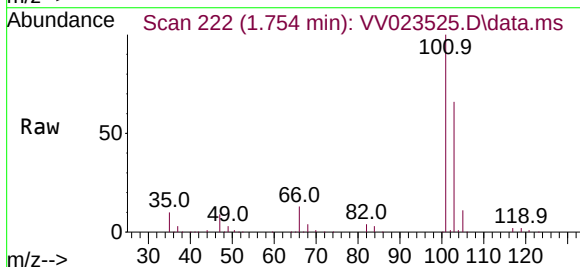
Instrument :
MSVOA_V
ClientSampleId :
BG1X7DL

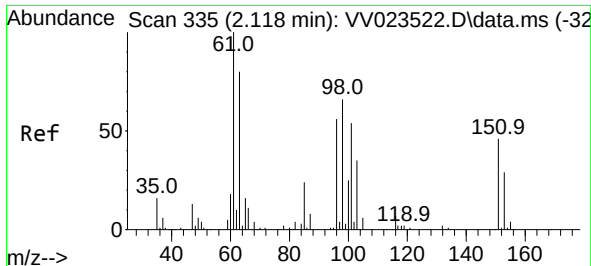
Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 68.8 65.0 120.8



#9
Trichlorofluoromethane
Concen: 9.608 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023525.D
Acq: 16 Nov 2021 11:38

Tgt Ion:101 Resp: 144932
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.271 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

Instrument :

MSVOA_V

ClientSampleId :

BG1X7DL

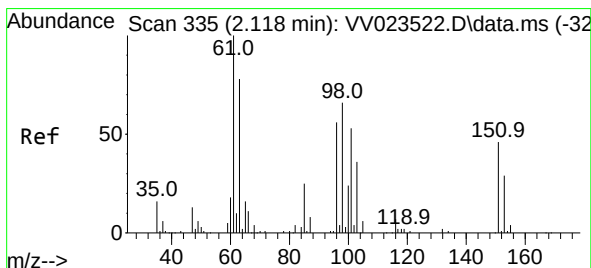
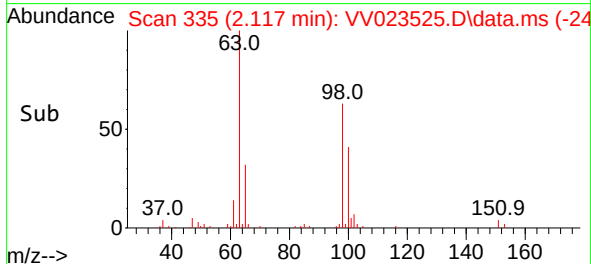
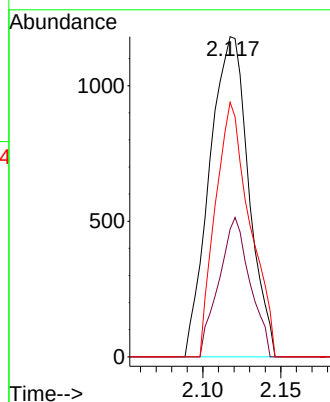
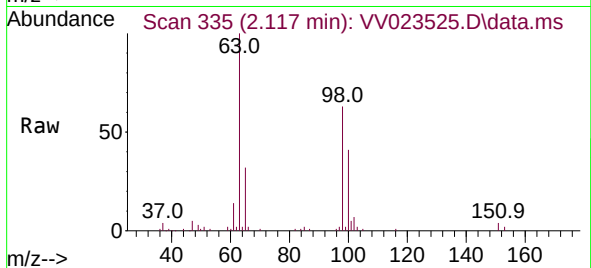
Tgt Ion:101 Resp: 2060

Ion Ratio Lower Upper

101 100

85 34.7 35.3 52.9#

151 70.0 62.2 93.2



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.007 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

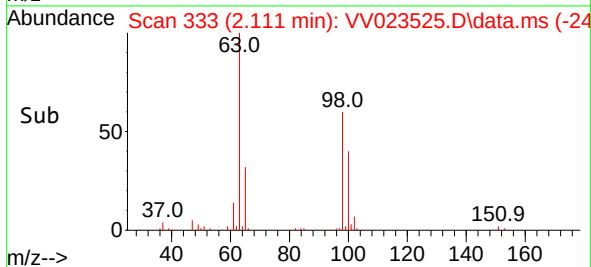
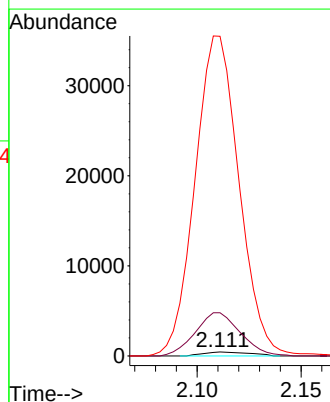
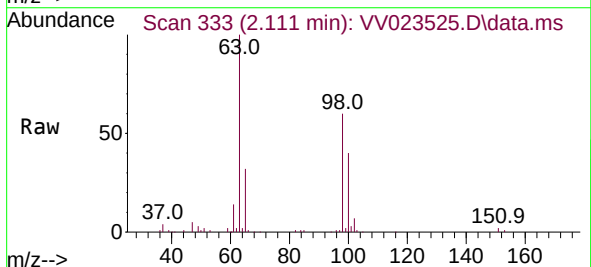
Tgt Ion: 96 Resp: 687

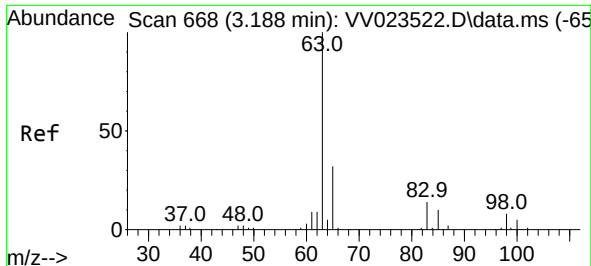
Ion Ratio Lower Upper

96 100

61 1098.6 121.5 225.7#

63 8120.8 99.6 185.0#





#19

1,1-Dichloroethane

Concen: 0.204 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

Instrument :

MSVOA_V

ClientSampleId :

BG1X7DL

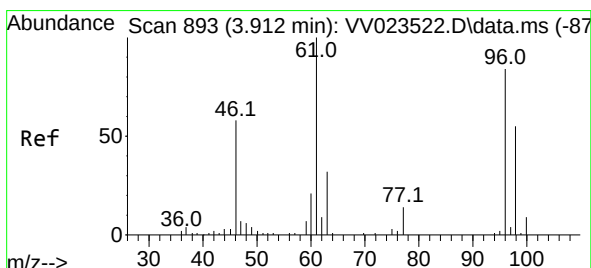
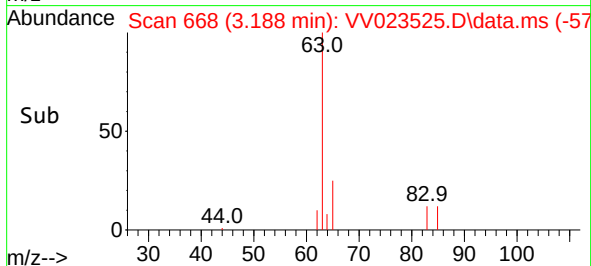
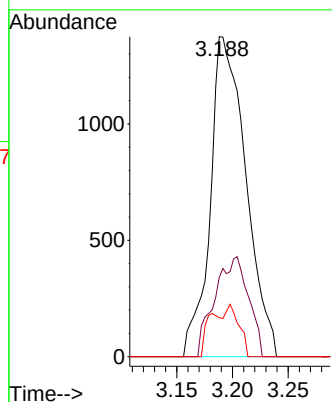
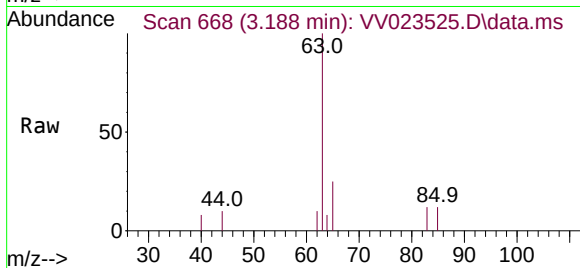
Tgt Ion: 63 Resp: 3063

Ion Ratio Lower Upper

63 100

65 24.8 22.6 42.0

83 12.2 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.085 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

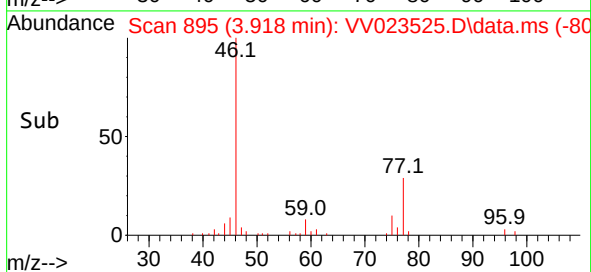
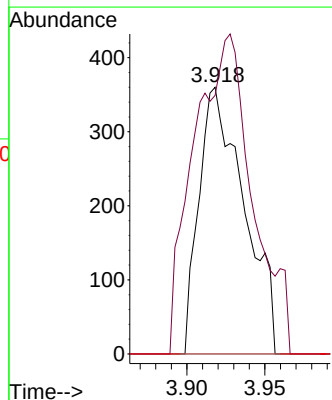
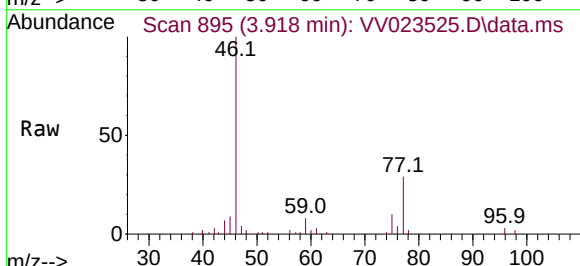
Tgt Ion: 96 Resp: 725

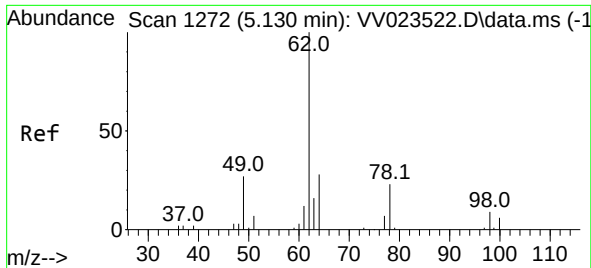
Ion Ratio Lower Upper

96 100

61 96.9 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

Instrument :

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ClientSampleId :

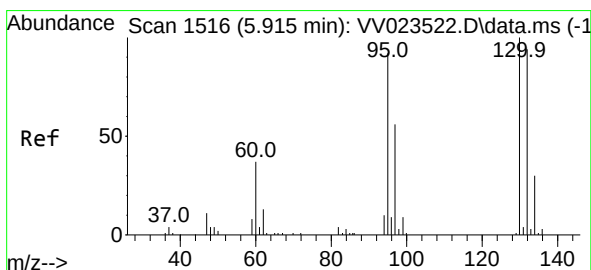
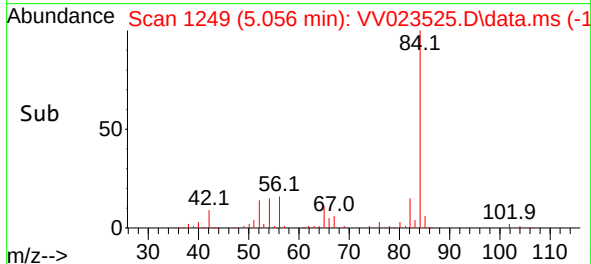
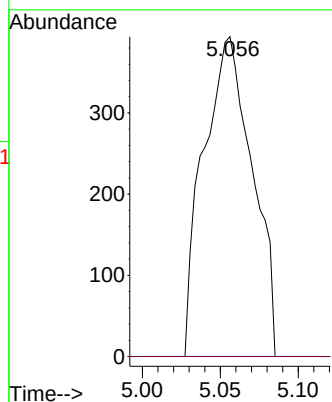
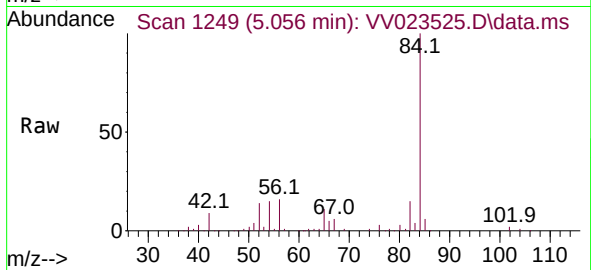
BG1X7DL

Tgt Ion: 62 Resp: 858

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.571 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

Tgt Ion: 95 Resp: 5021

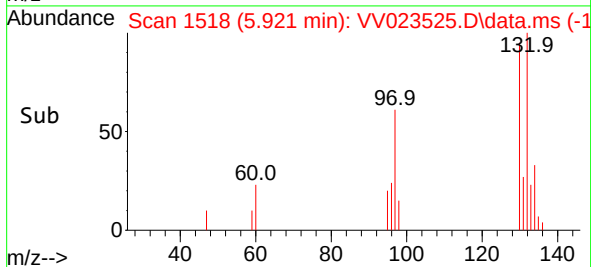
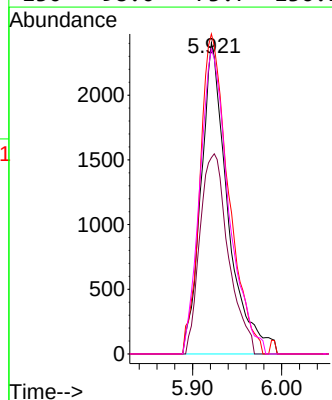
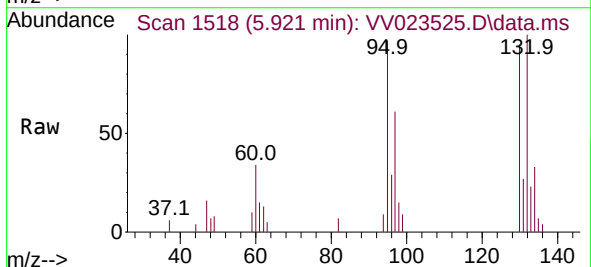
Ion Ratio Lower Upper

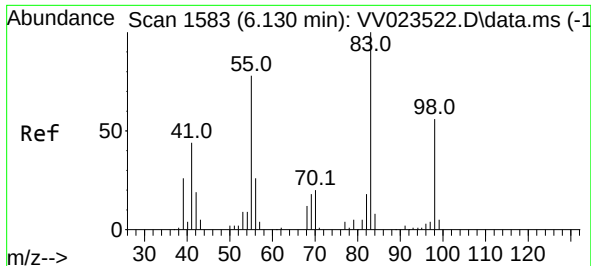
95 100

97 63.1 45.0 83.6

132 102.8 69.7 129.4

130 98.0 73.7 136.9

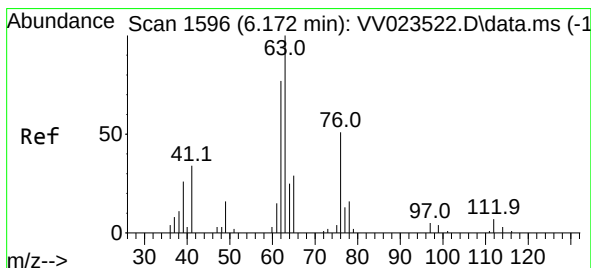
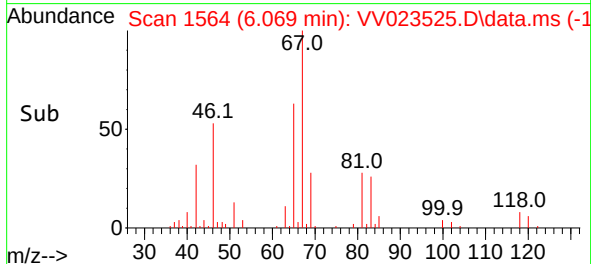
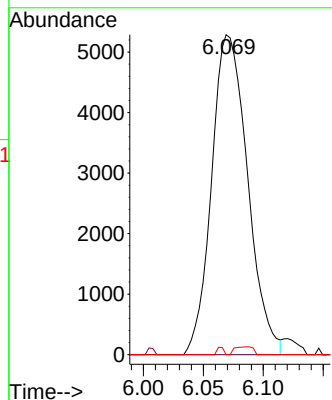
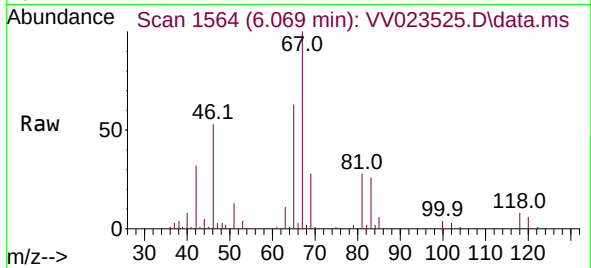




#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV023525.D
Acq: 16 Nov 2021 11:38

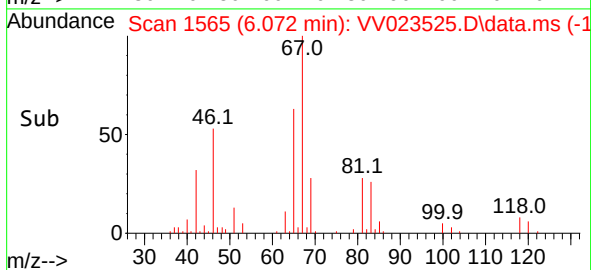
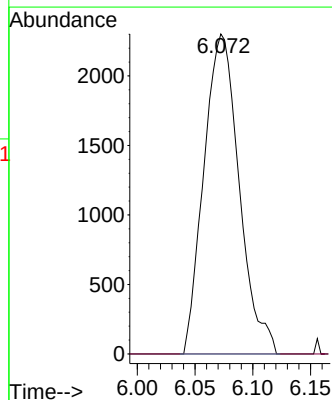
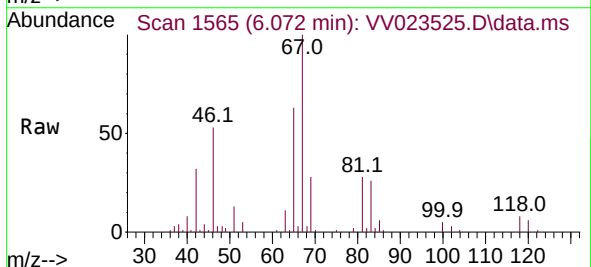
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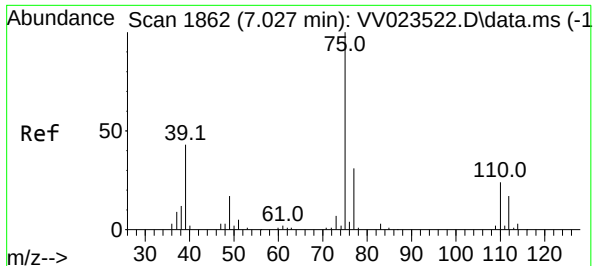
Tgt Ion: 83 Resp: 11027
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023525.D
Acq: 16 Nov 2021 11:38

Tgt Ion: 63 Resp: 4900
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

Instrument :

MSVOA_V

ClientSampleId :

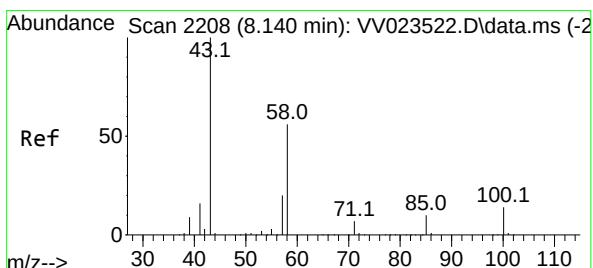
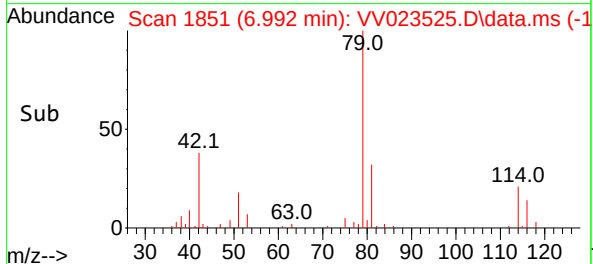
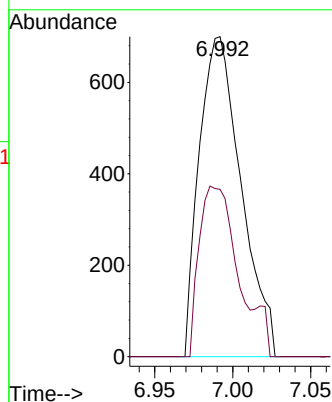
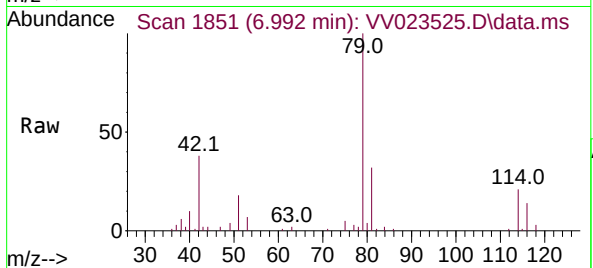
BG1X7DL

Tgt Ion: 75 Resp: 1309

Ion Ratio Lower Upper

75 100

77 52.3 21.6 40.2#



#48

2-Hexanone

Concen: 2.048 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023525.D

Acq: 16 Nov 2021 11:38

Tgt Ion: 43 Resp: 5138

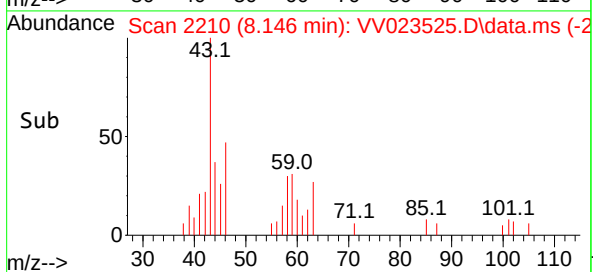
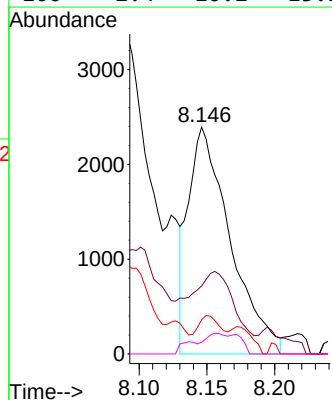
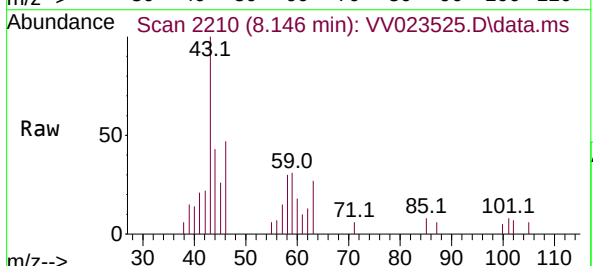
Ion Ratio Lower Upper

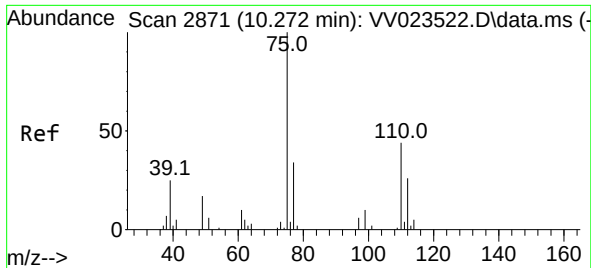
43 100

58 33.6 43.7 65.5#

57 10.5 14.1 21.1#

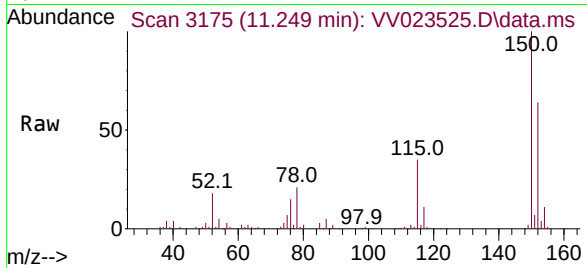
100 2.4 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.550 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV023525.D
 Acq: 16 Nov 2021 11:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X7DL



Tgt Ion: 75 Resp: 5517
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.6 39.8
 110 2.3 31.8 47.6#

