

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023538.D
 Acq On : 16 Nov 2021 16:49
 Operator : SY/MD
 Sample : M4617-10DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208DL

Quant Time: Nov 17 00:53:44 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)

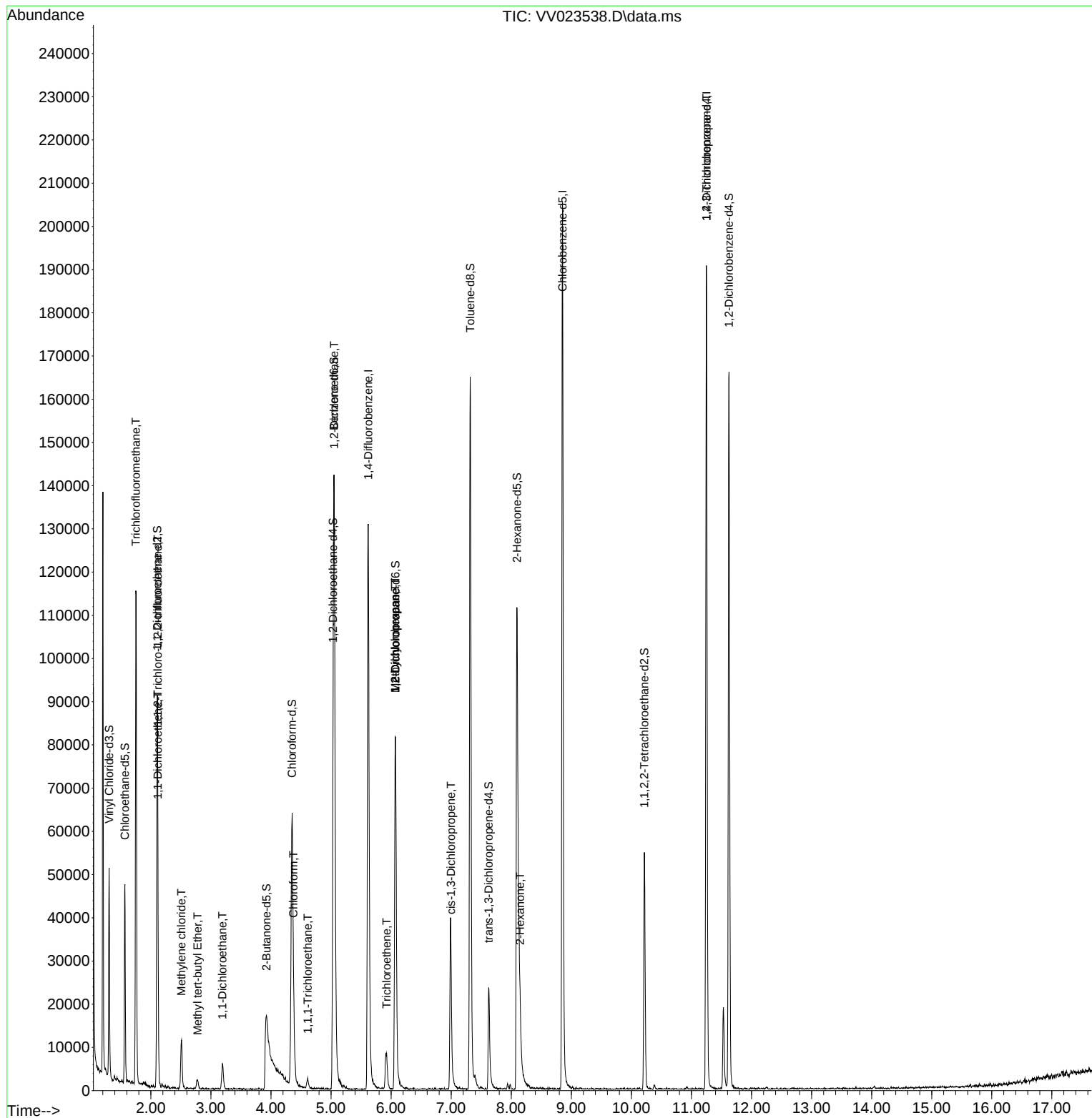
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30416	4.168	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.568	69	26675	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	46002	3.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.925	46	40601	32.294	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.580%
24) Chloroform-d	4.349	84	63484	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.034	65	33705	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	130708	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.072	67	39554	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.317	98	110442	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.625	79	14493	4.337	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.095	63	47880	38.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25877	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	44714	5.132	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	66307	4.575	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1203	0.165	ug/L #	69
12) 1,1-Dichloroethene	2.118	96	2670	0.384	ug/L #	1
16) Methylene chloride	2.510	84	4928	0.486	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	2142	0.140	ug/L #	87
19) 1,1-Dichloroethane	3.192	63	5783	0.401	ug/L	98
25) Chloroform	4.375	83	7049	0.459	ug/L	95
27) 1,2-Dichloroethane	5.053	62	718	0.088	ug/L #	72
29) 1,1,1-Trichloroethane	4.613	97	1827	0.129	ug/L #	90
34) Trichloroethene	5.925	95	2349	0.271	ug/L	86
35) Methylcyclohexane	6.069	83	9770	0.714	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	4790	0.629	ug/L #	83
39) cis-1,3-Dichloropropene	6.998	75	1180	0.108	ug/L #	79
48) 2-Hexanone	8.146	43	5158	2.085	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	5692	1.637	ug/L #	66

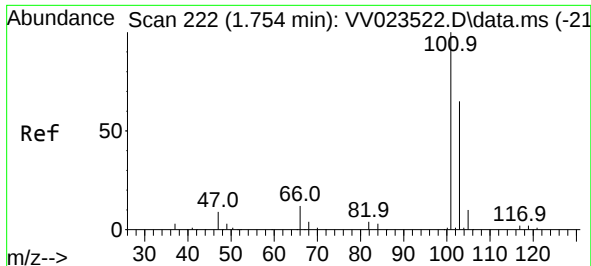
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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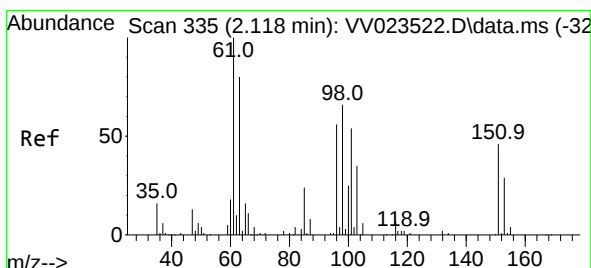
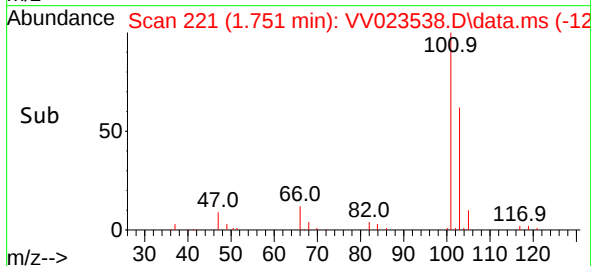
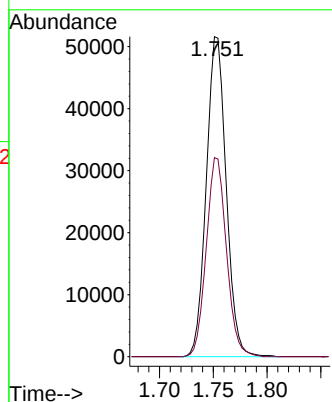
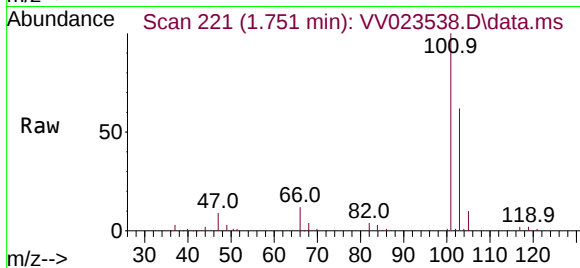




#9
 Trichlorofluoromethane
 Concen: 4.575 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023538.D
 Acq: 16 Nov 2021 16:49

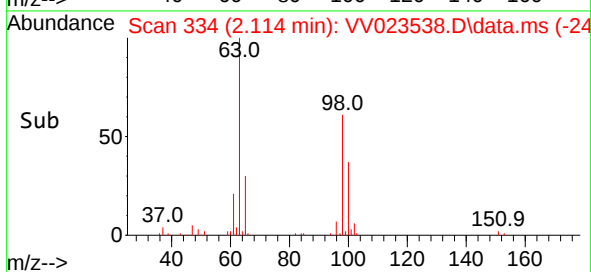
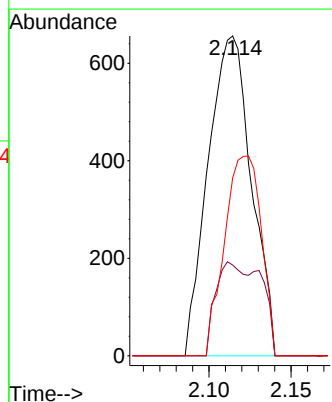
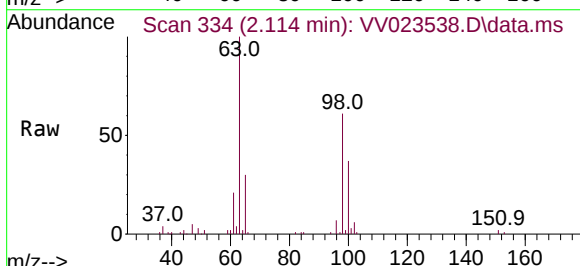
Instrument :
 MSVOA_V
 ClientSampleId :
 BG208DL

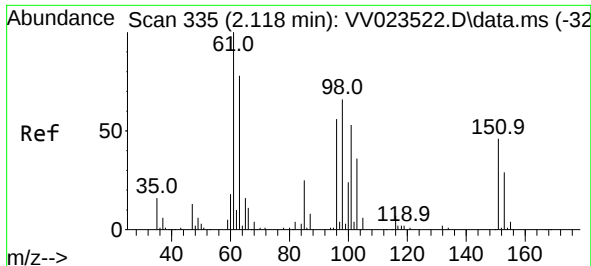
Tgt Ion:101 Resp: 66307
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.6 79.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.165 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023538.D
 Acq: 16 Nov 2021 16:49

Tgt Ion:101 Resp: 1203
 Ion Ratio Lower Upper
 101 100
 85 20.9 35.3 52.9#
 151 53.0 62.2 93.2#

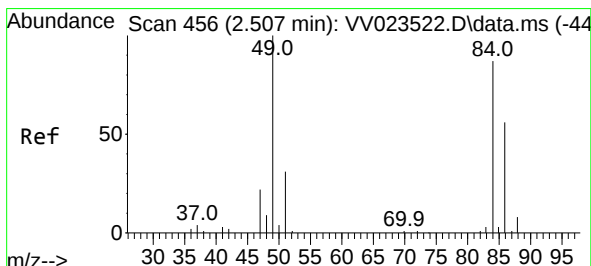
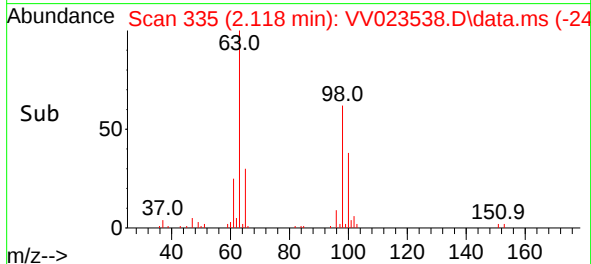
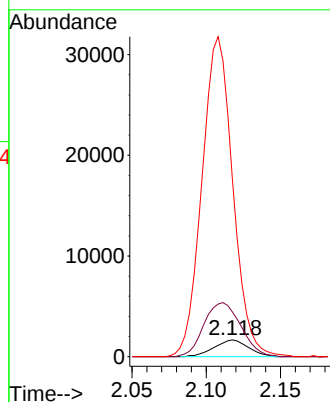
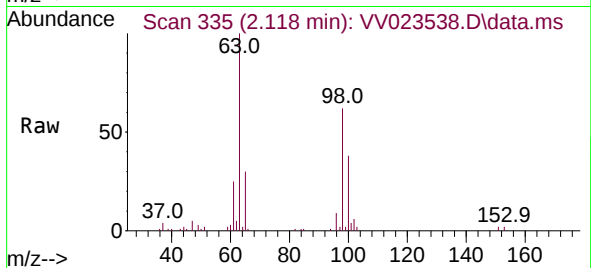




#12
1,1-Dichloroethene
Concen: 0.384 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

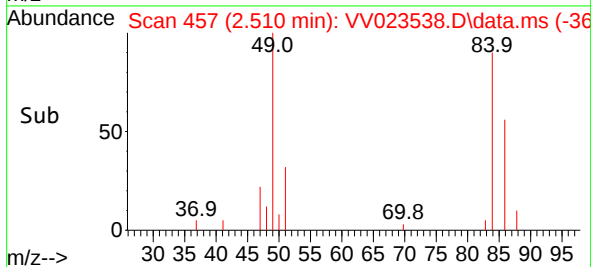
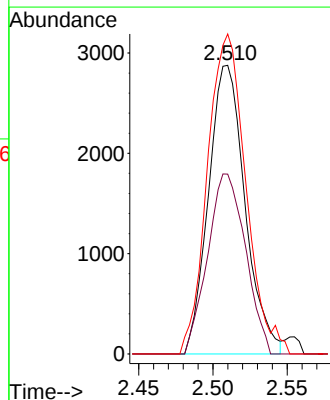
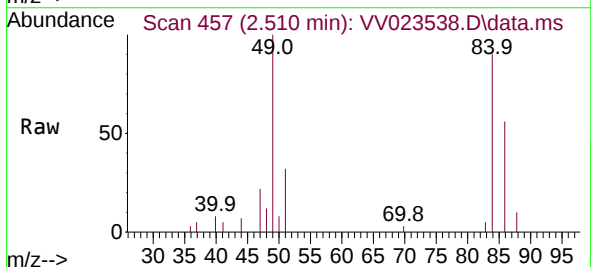
Instrument :
MSVOA_V
ClientSampleId :
BG208DL

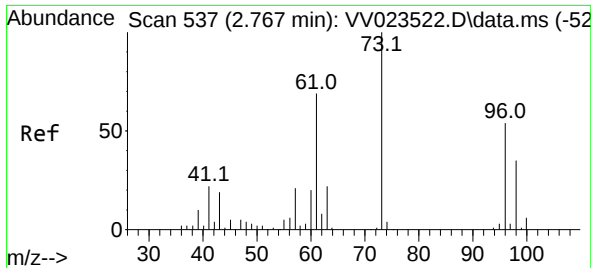
Tgt Ion: 96 Resp: 2670
Ion Ratio Lower Upper
96 100
61 265.8 121.5 225.7#
63 1056.9 99.6 185.0#



#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

Tgt Ion: 84 Resp: 4928
Ion Ratio Lower Upper
84 100
86 62.3 42.3 78.5
49 110.8 79.7 148.1

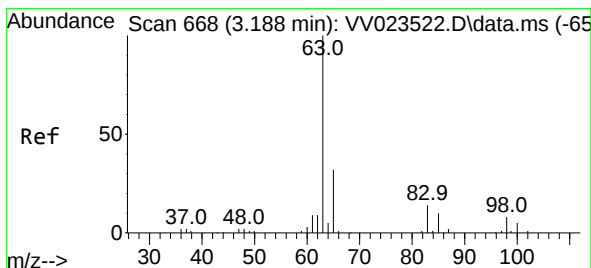
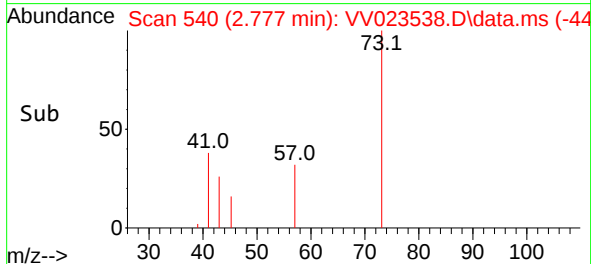
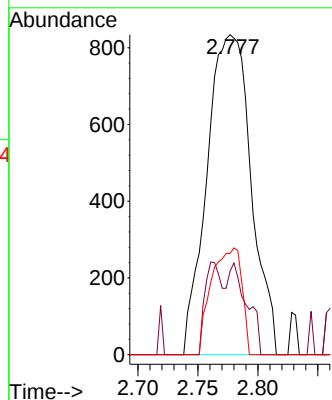
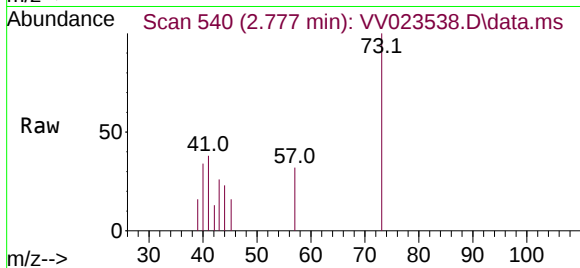




#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

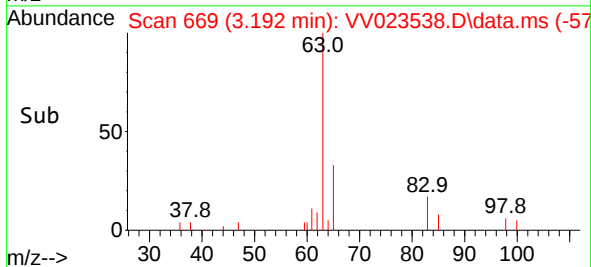
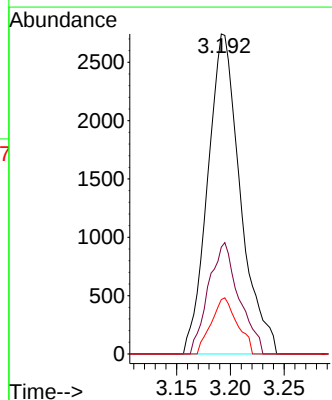
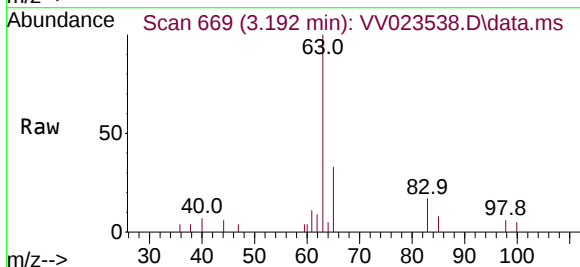
Instrument :
MSVOA_V
ClientSampleId :
BG208DL

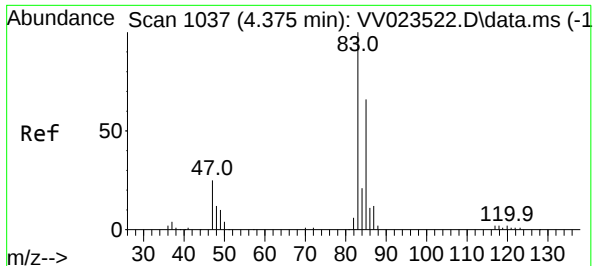
Tgt Ion: 73 Resp: 2142
Ion Ratio Lower Upper
73 100
43 11.7 17.4 26.0#
57 22.8 16.5 24.7



#19
1,1-Dichloroethane
Concen: 0.401 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

Tgt Ion: 63 Resp: 5783
Ion Ratio Lower Upper
63 100
65 33.4 22.6 42.0
83 17.0 11.1 20.7

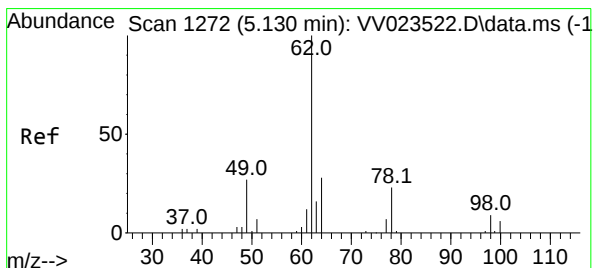
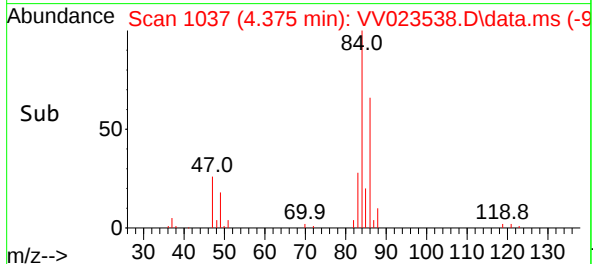
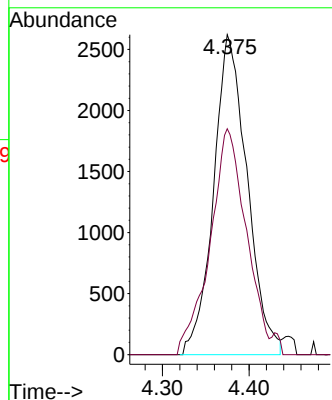
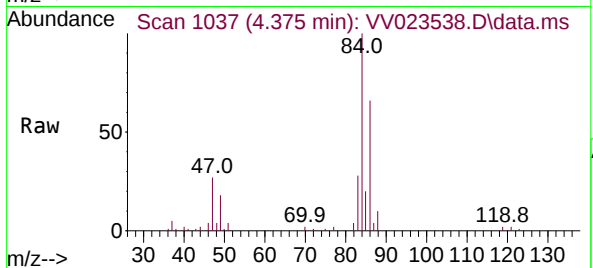




#25
Chloroform
Concen: 0.459 ug/L
RT: 4.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

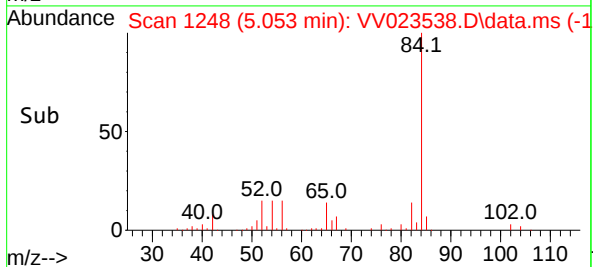
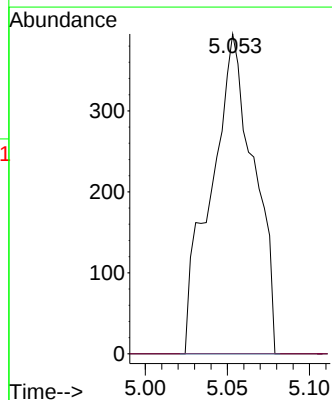
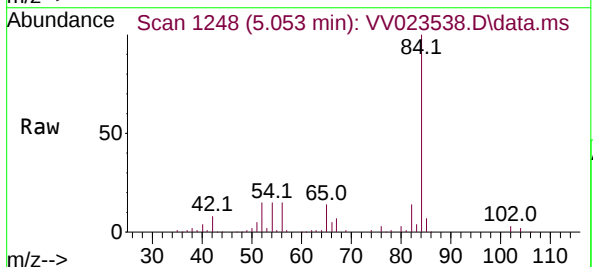
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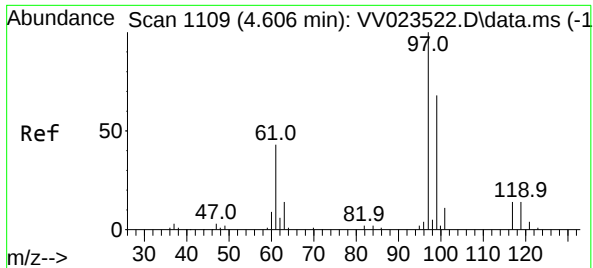
Tgt Ion: 83 Resp: 7049
Ion Ratio Lower Upper
83 100
85 70.6 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV023538.D
Acq: 16 Nov 2021 16:49

Tgt Ion: 62 Resp: 718
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.129 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

Instrument :

MSVOA_V

ClientSampleId :

BG208DL

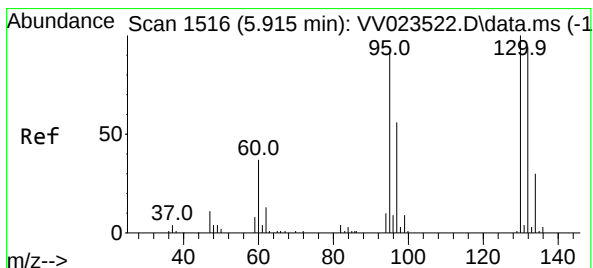
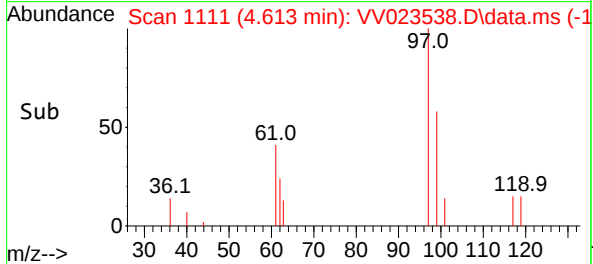
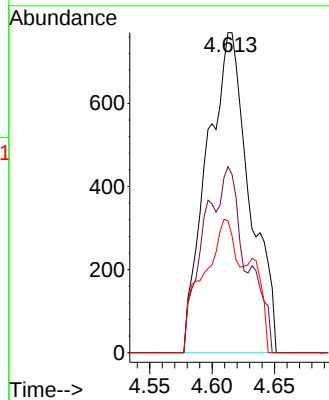
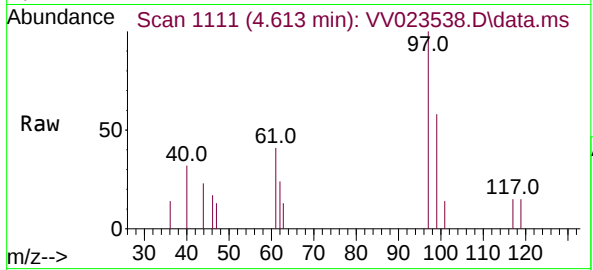
Tgt Ion: 97 Resp: 1827

Ion Ratio Lower Upper

97 100

99 58.7 51.0 76.4

61 32.9 34.1 51.1#



#34

Trichloroethene

Concen: 0.271 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

Tgt Ion: 95 Resp: 2349

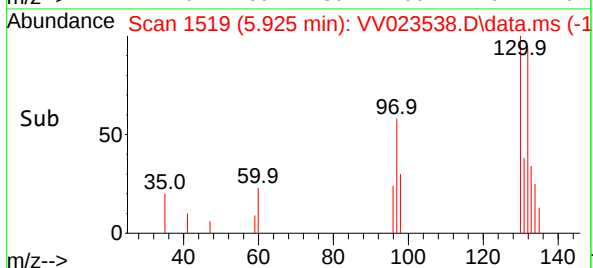
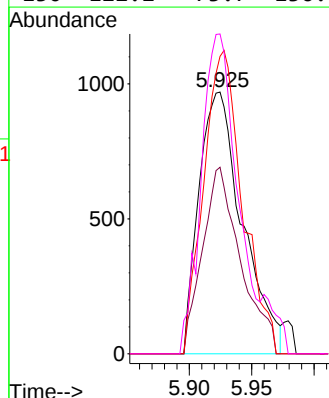
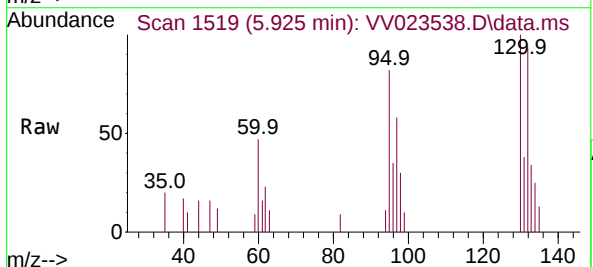
Ion Ratio Lower Upper

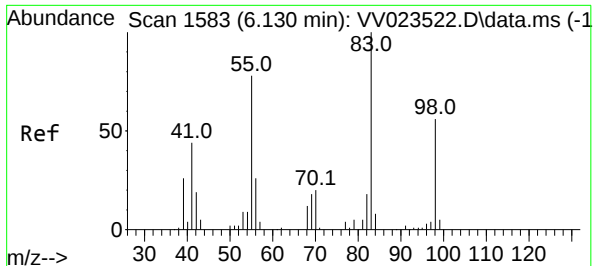
95 100

97 71.2 45.0 83.6

132 113.6 69.7 129.4

130 122.2 73.7 136.9





#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

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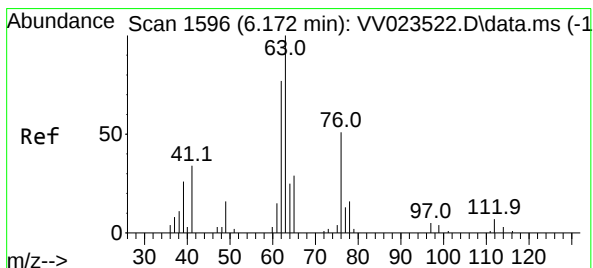
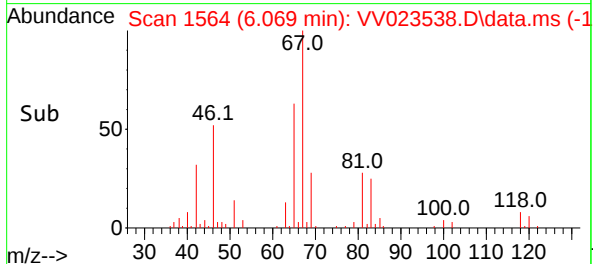
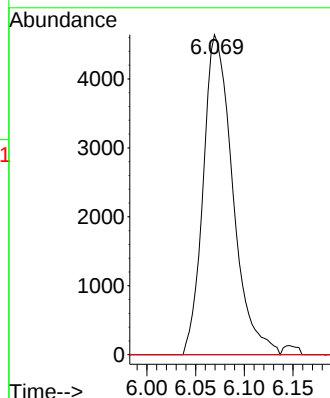
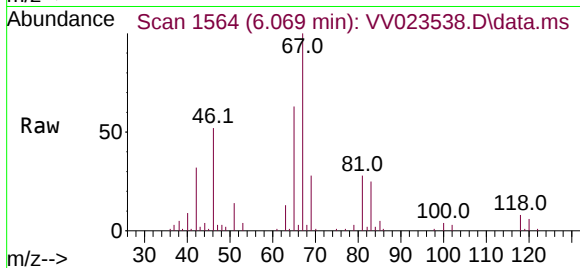
Tgt Ion: 83 Resp: 9770

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 10.2 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023538.D

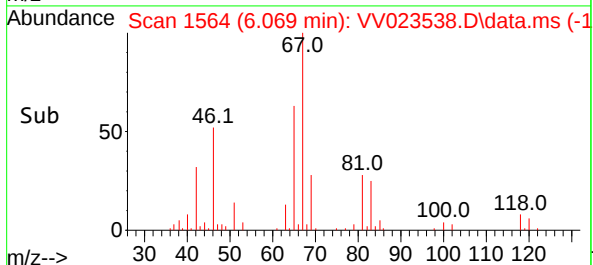
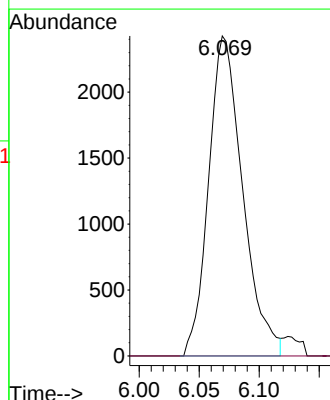
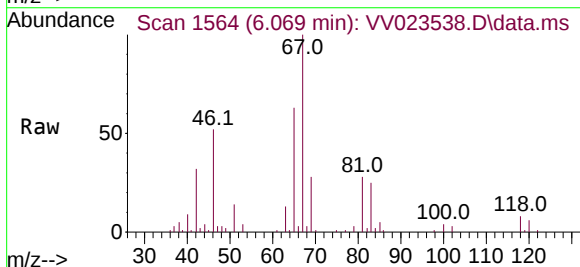
Acq: 16 Nov 2021 16:49

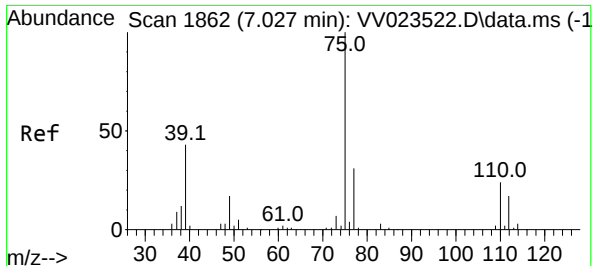
Tgt Ion: 63 Resp: 4790

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV023538.D

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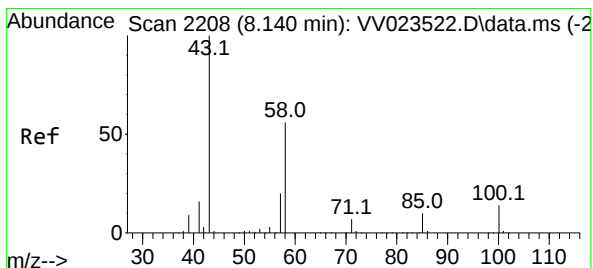
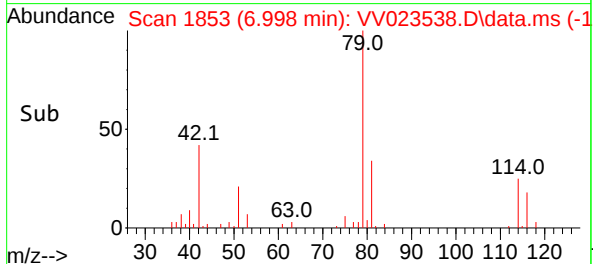
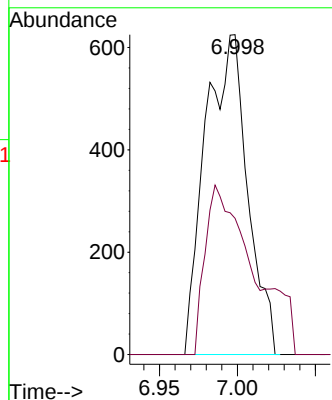
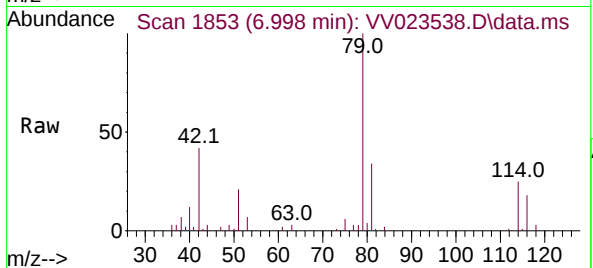
BG208DL

Tgt Ion: 75 Resp: 1180

Ion Ratio Lower Upper

75 100

77 42.6 21.6 40.2#



#48

2-Hexanone

Concen: 2.085 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VV023538.D

Acq: 16 Nov 2021 16:49

Tgt Ion: 43 Resp: 5158

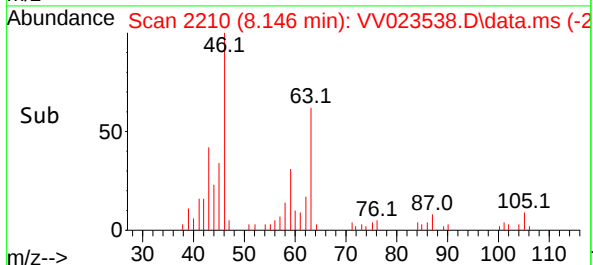
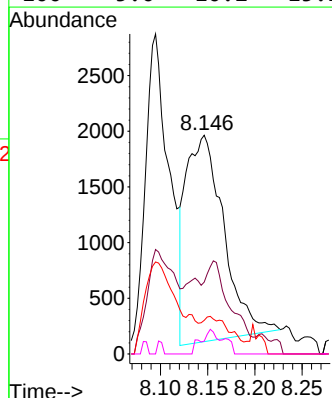
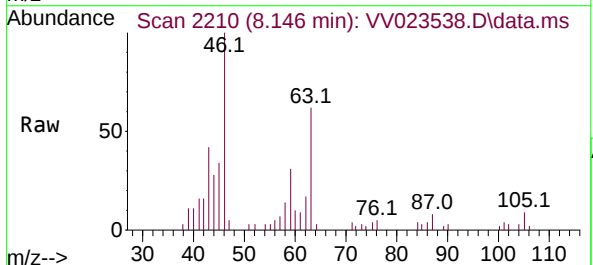
Ion Ratio Lower Upper

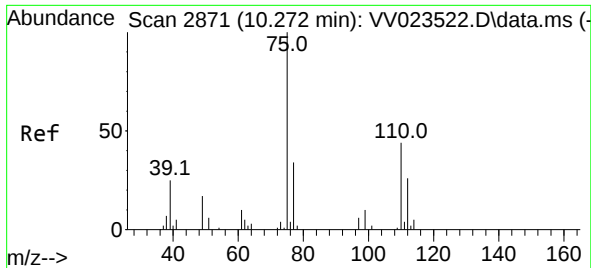
43 100

58 21.5 43.7 65.5#

57 12.8 14.1 21.1#

100 5.0 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.637 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023538.D
 Acq: 16 Nov 2021 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208DL

Tgt Ion: 75 Resp: 5692
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.6 39.8
 110 3.0 31.8 47.6#

