

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023494.D
 Acq On : 15 Nov 2021 19:54
 Operator : SY/MD
 Sample : M4616-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG204

Quant Time: Nov 16 00:35:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

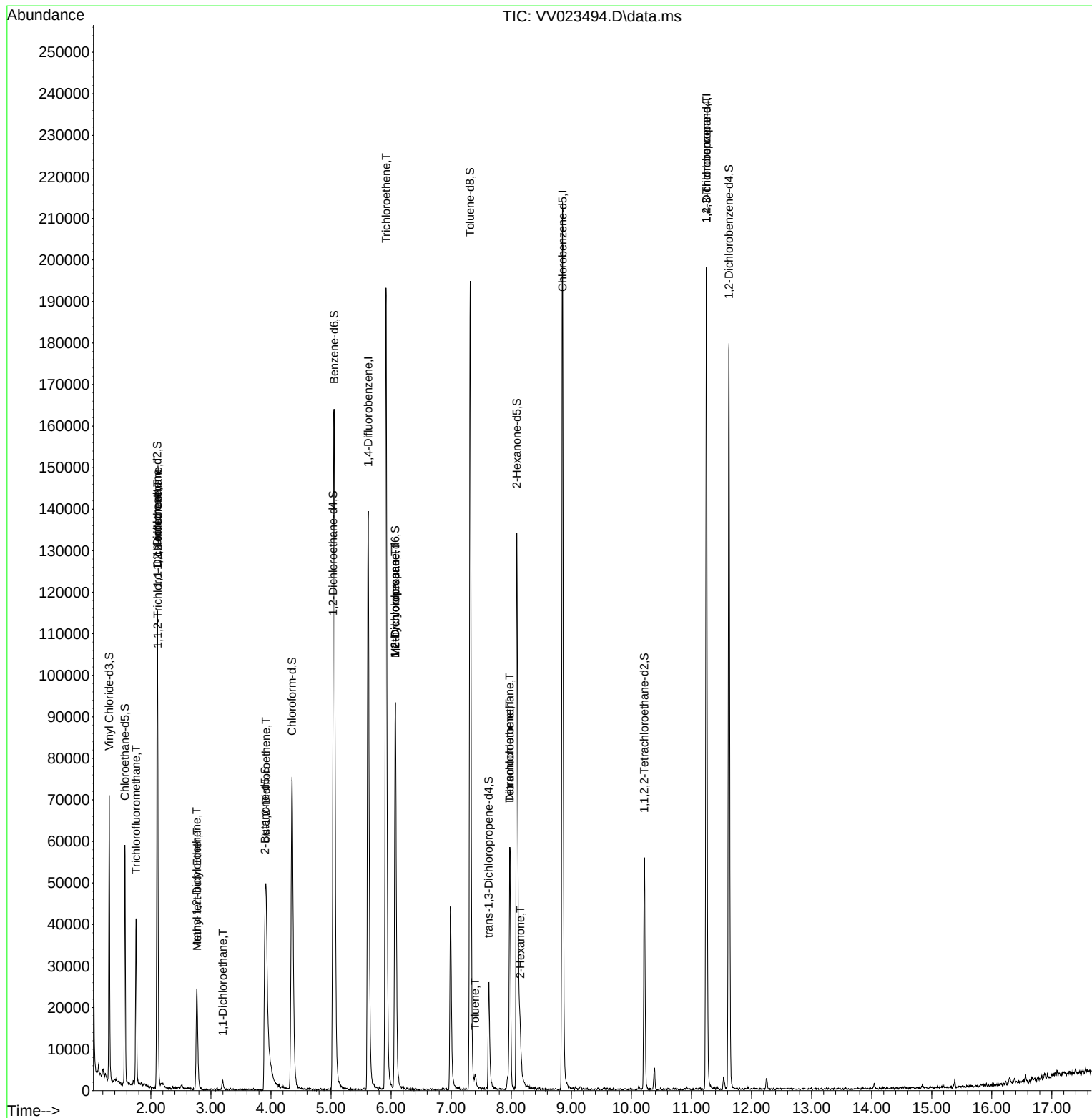
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42225	5.529	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.600%		
7) Chloroethane-d5	1.568	69	34761	5.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.800%		
11) 1,1-Dichloroethene-d2	2.108	63	57647	4.032	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.600%		
20) 2-Butanone-d5	3.902	46	67122	51.018	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 102.040%		
24) Chloroform-d	4.349	84	76497	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.000%		
26) 1,2-Dichloroethane-d4	5.034	65	35774	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.800%		
32) Benzene-d6	5.053	84	150111	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
36) 1,2-Dichloropropane-d6	6.069	67	44795	4.893	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 97.800%		
41) Toluene-d8	7.317	98	130871	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.800%		
43) trans-1,3-Dichloroprop...	7.625	79	15293	4.406	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 88.200%		
46) 2-Hexanone-d5	8.092	63	44070	34.507	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 69.020%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25983	3.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 79.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	48764	5.432	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.600%		
Target Compounds						
						Qvalue
9) Trichlorofluoromethane	1.754	101	22227	1.466	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	804	0.105	ug/L #	55
12) 1,1-Dichloroethene	2.111	96	833	0.115	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	9143	0.571	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	6193	0.693	ug/L	97
19) 1,1-Dichloroethane	3.198	63	2167	0.144	ug/L	85
22) cis-1,2-Dichloroethene	3.918	96	12437	1.446	ug/L #	91
34) Trichloroethene	5.915	95	66049	7.332	ug/L	98
35) Methylcyclohexane	6.069	83	11648	0.819	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5483	0.693	ug/L #	83
42) Toluene	7.397	91	2338	0.065	ug/L	85
47) Tetrachloroethene	7.976	164	13679	1.752	ug/L	96
48) 2-Hexanone	8.149	43	8674	3.375	ug/L #	84
49) Dibromochloromethane	7.976	129	11617	1.614	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5927	1.655	ug/L #	64

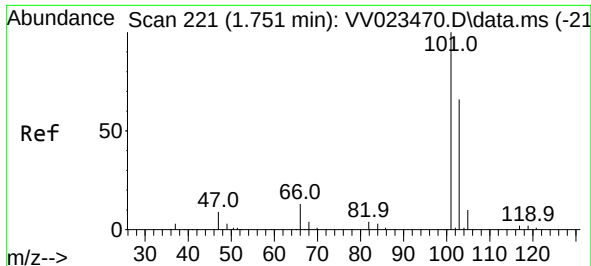
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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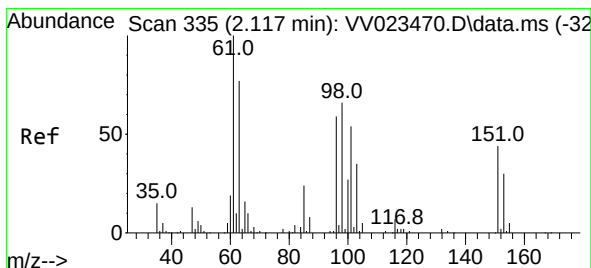
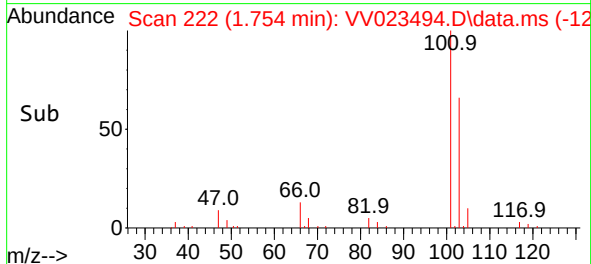
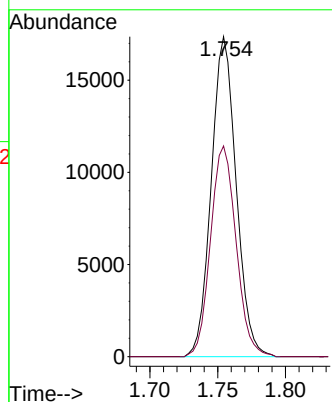
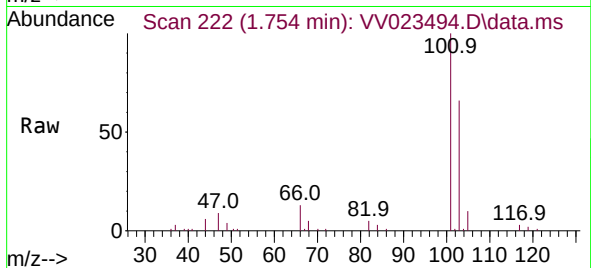




#9
Trichlorofluoromethane
Concen: 1.466 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

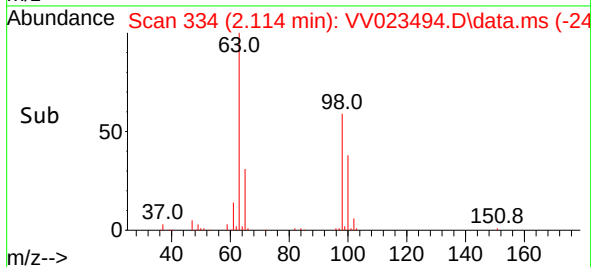
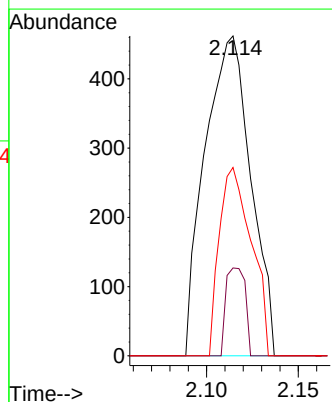
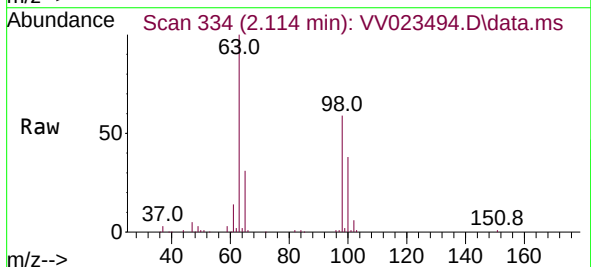
Instrument :
MSVOA_V
ClientSampleId :
BG204

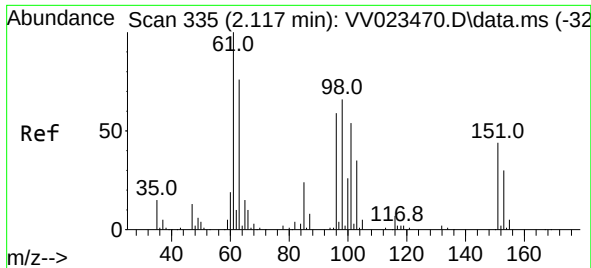
Tgt Ion:101 Resp: 22227
Ion Ratio Lower Upper
101 100
103 67.6 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

Tgt Ion:101 Resp: 804
Ion Ratio Lower Upper
101 100
85 11.4 35.3 52.9#
151 41.2 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.006 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

BG204

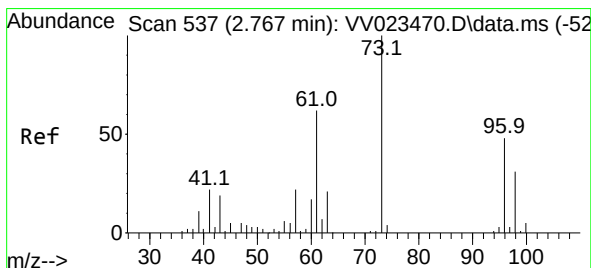
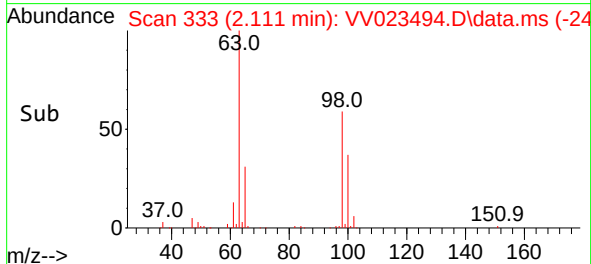
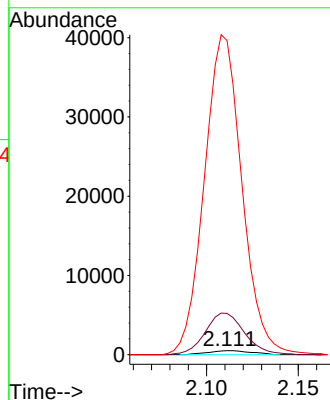
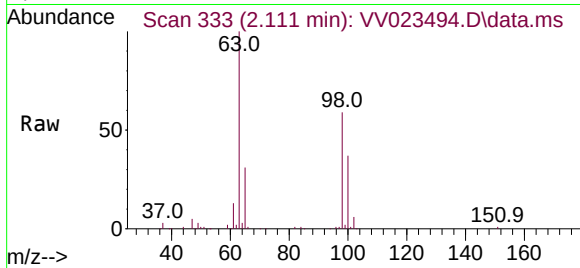
Tgt Ion: 96 Resp: 833

Ion Ratio Lower Upper

96 100

61 1018.2 121.5 225.7#

63 7755.8 99.6 185.0#



#17

Methyl tert-butyl Ether

Concen: 0.571 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

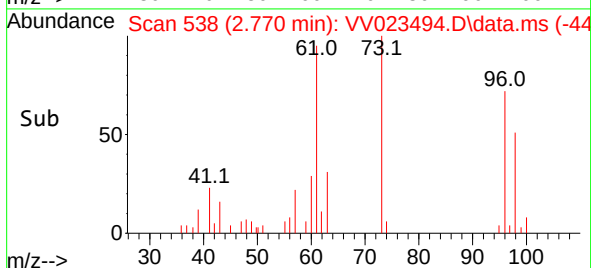
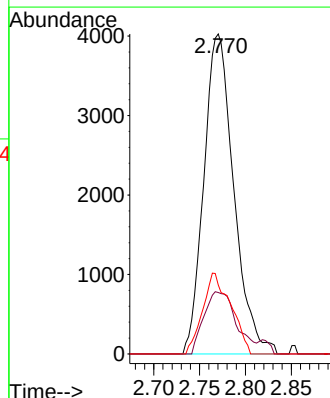
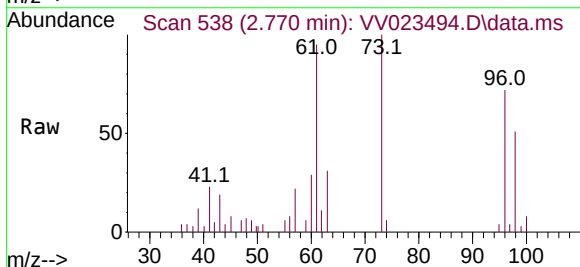
Tgt Ion: 73 Resp: 9143

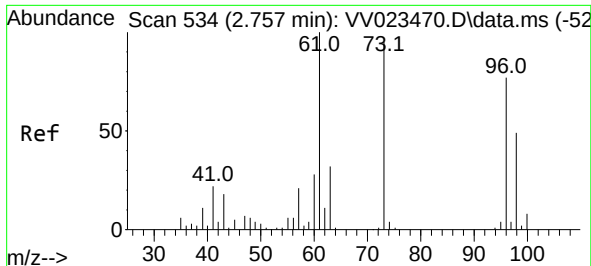
Ion Ratio Lower Upper

73 100

43 21.0 17.4 26.0

57 23.8 16.5 24.7

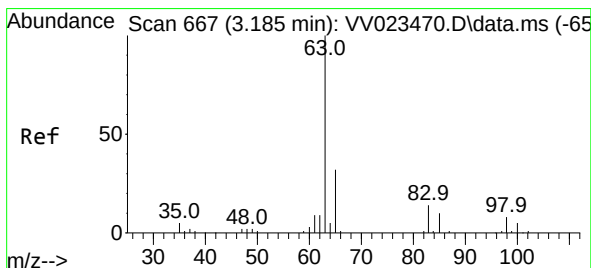
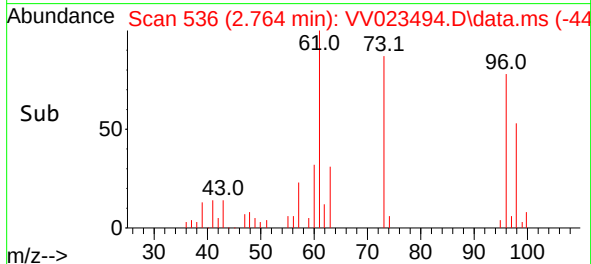
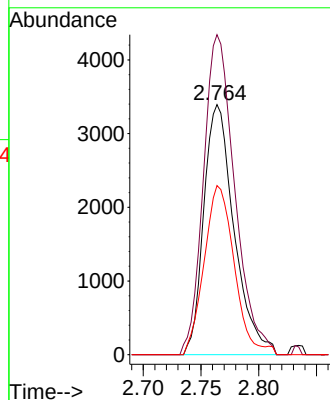
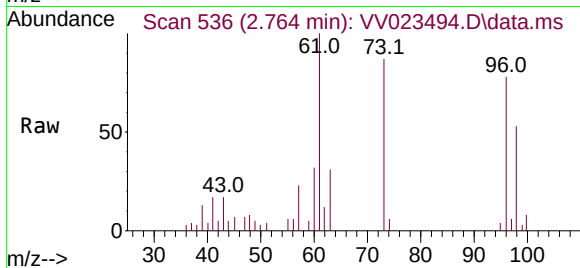




#18
trans-1,2-Dichloroethene
Concen: 0.693 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

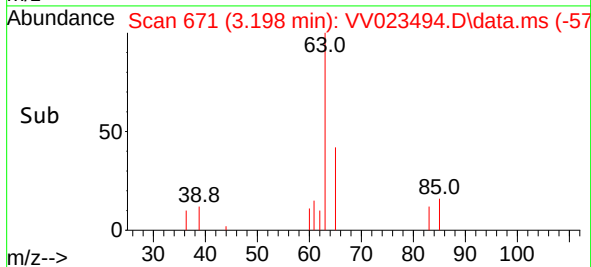
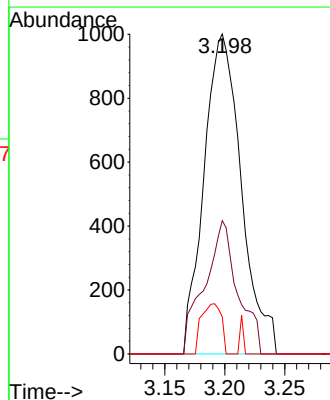
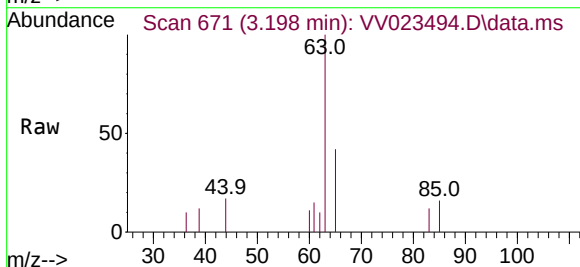
Instrument :
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ClientSampleId :
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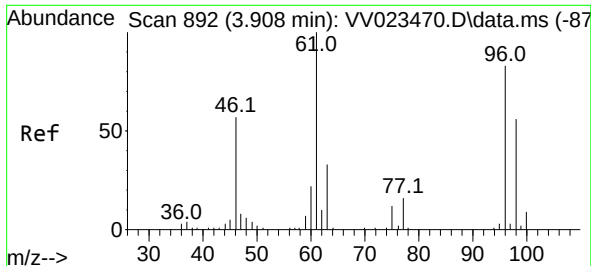
Tgt Ion: 96 Resp: 6193
Ion Ratio Lower Upper
96 100
61 128.0 93.2 173.2
98 67.6 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.144 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.013 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

Tgt Ion: 63 Resp: 2167
Ion Ratio Lower Upper
63 100
65 41.7 22.6 42.0
83 11.6 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 1.446 ug/L

RT: 3.918 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

BG204

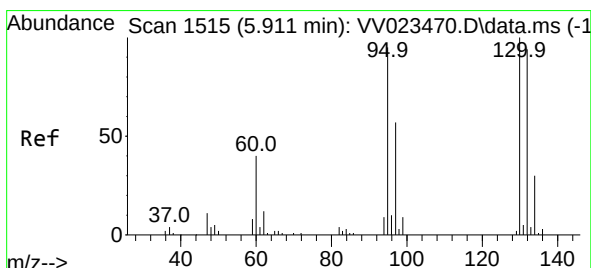
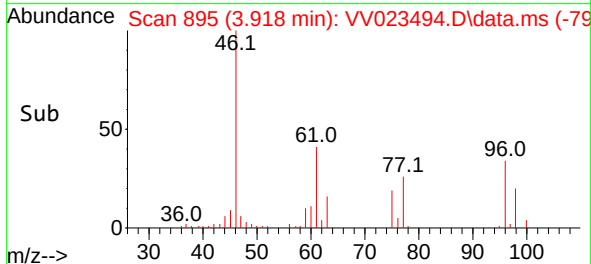
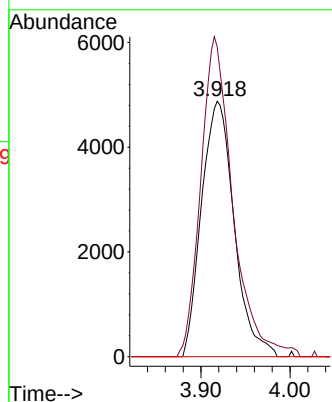
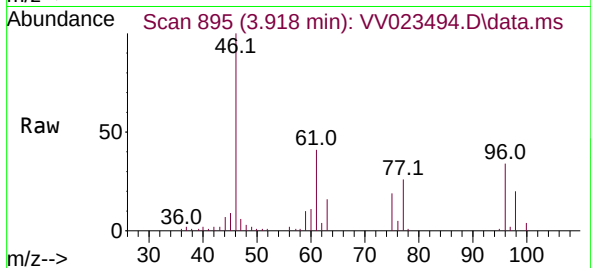
Tgt Ion: 96 Resp: 12437

Ion Ratio Lower Upper

96 100

61 121.4 92.3 171.3

68 0.0 0.4 0.8#



#34

Trichloroethene

Concen: 7.332 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Tgt Ion: 95 Resp: 66049

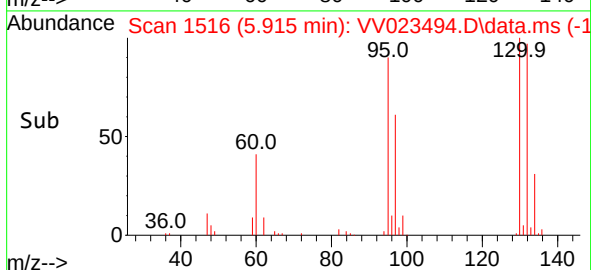
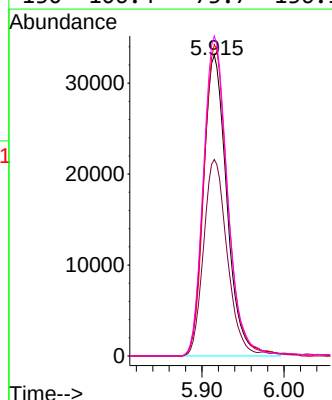
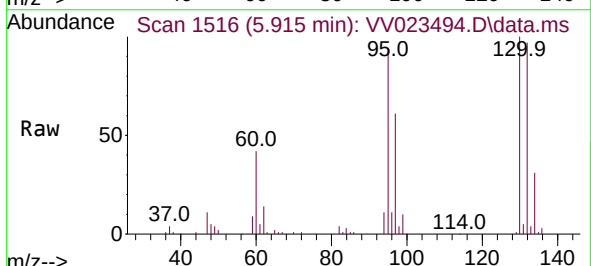
Ion Ratio Lower Upper

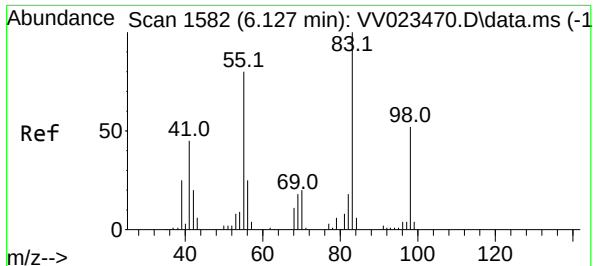
95 100

97 65.3 45.0 83.6

132 103.6 69.7 129.4

130 106.4 73.7 136.9

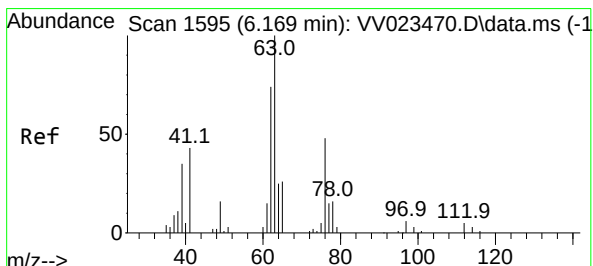
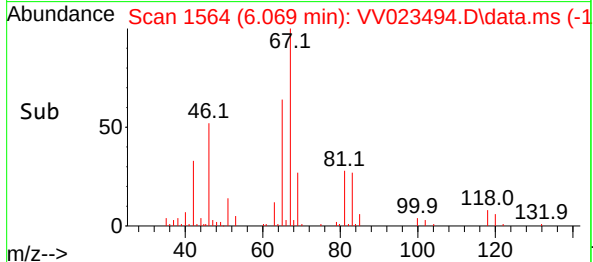
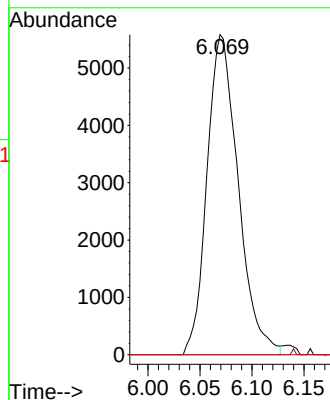
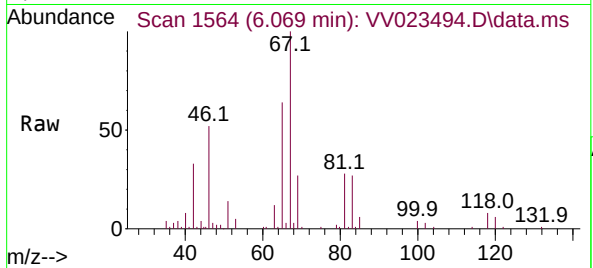




#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

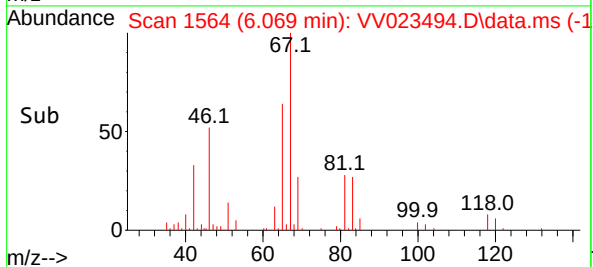
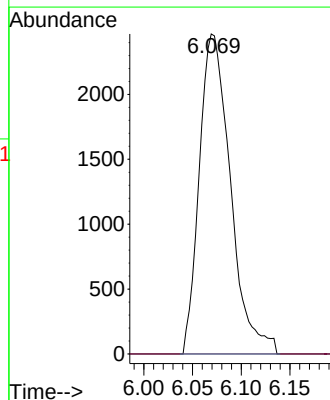
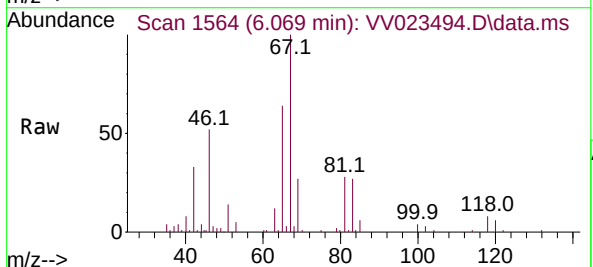
Instrument :
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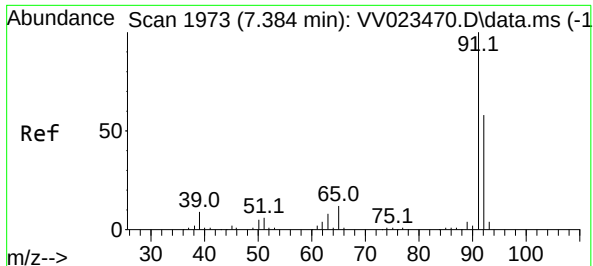
Tgt Ion: 83 Resp: 11648
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 1.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV023494.D
Acq: 15 Nov 2021 19:54

Tgt Ion: 63 Resp: 5483
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.065 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

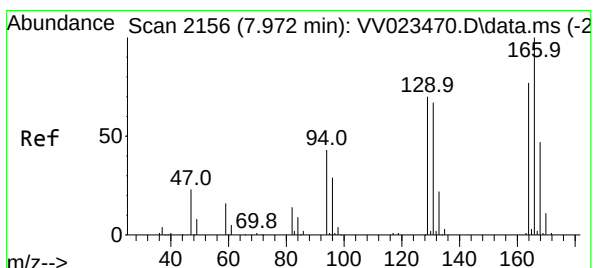
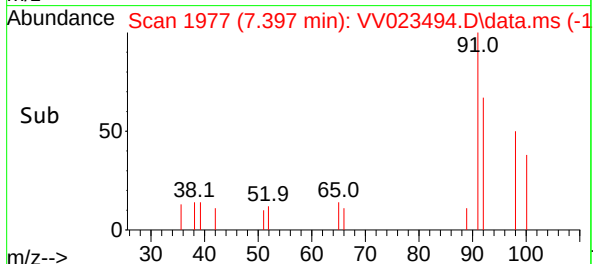
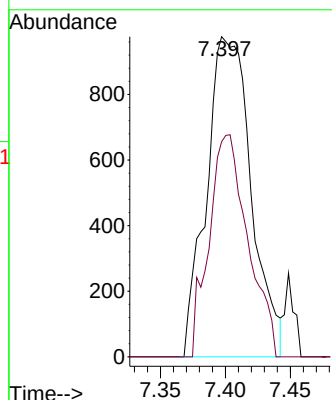
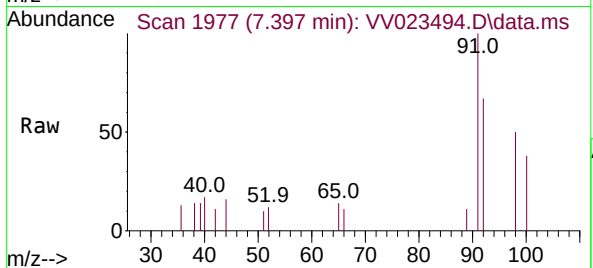
BG204

Tgt Ion: 91 Resp: 2338

Ion Ratio Lower Upper

91 100

92 67.2 39.3 72.9



#47

Tetrachloroethene

Concen: 1.752 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Tgt Ion: 164 Resp: 13679

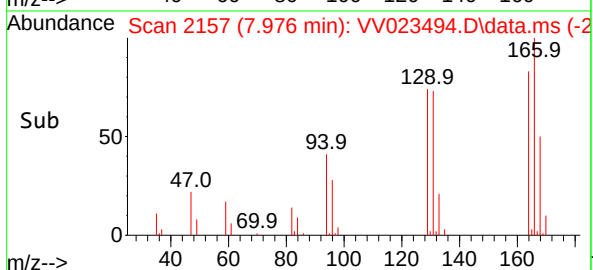
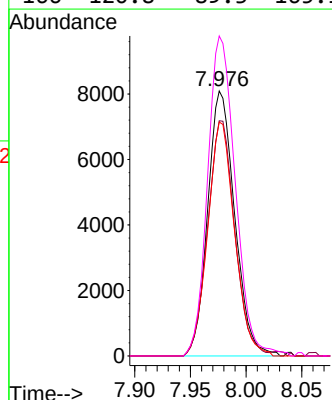
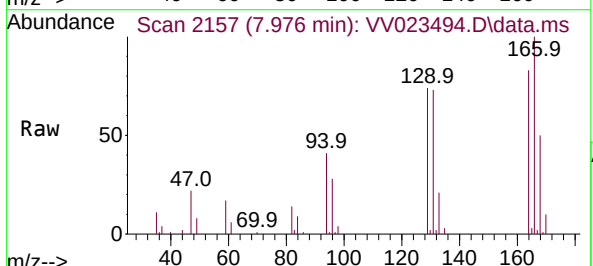
Ion Ratio Lower Upper

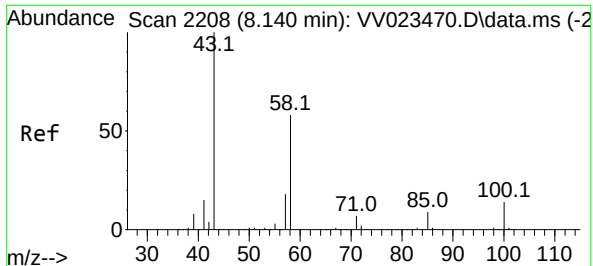
164 100

129 88.8 64.0 119.0

131 88.3 63.4 117.8

166 120.8 89.3 165.9





#48

2-Hexanone

Concen: 3.375 ug/L

RT: 8.149 min Scan# 2157

Delta R.T. 0.010 min

Lab File: VV023494.D

Acq: 15 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

BG204

Tgt Ion: 43 Resp: 8674

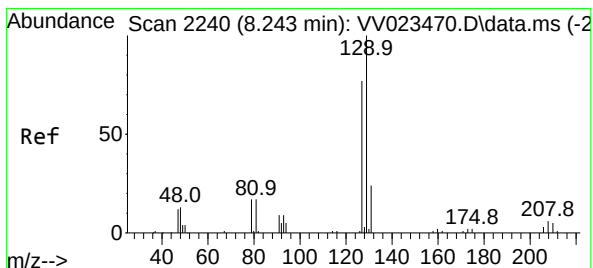
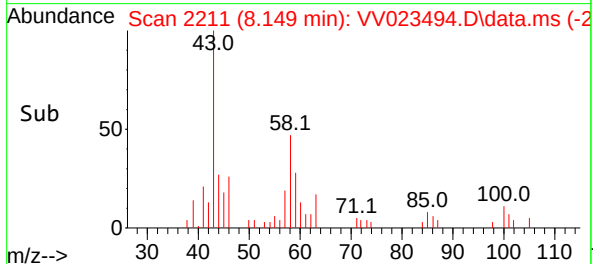
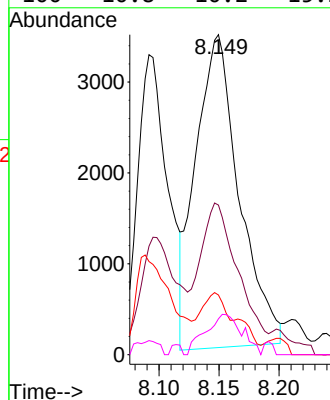
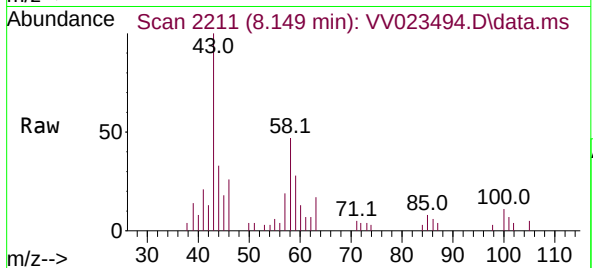
Ion Ratio Lower Upper

43 100

58 44.1 43.7 65.5

57 5.4 14.1 21.1#

100 10.8 10.2 15.2



#49

Dibromochloromethane

Concen: 1.614 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023494.D

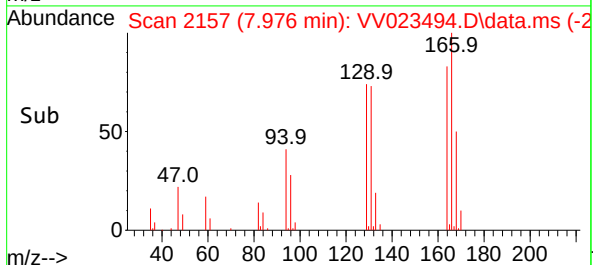
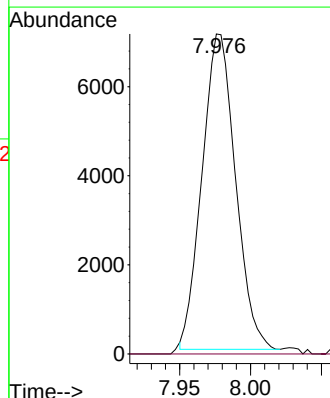
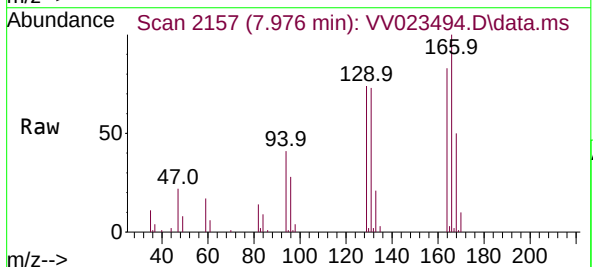
Acq: 15 Nov 2021 19:54

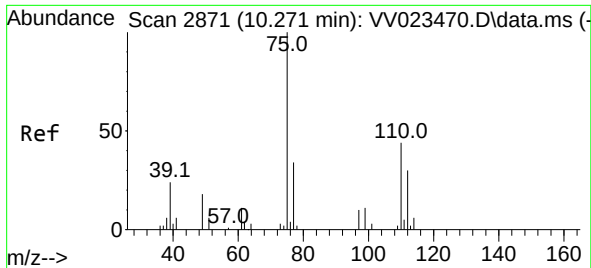
Tgt Ion: 129 Resp: 11617

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.655 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023494.D
 Acq: 15 Nov 2021 19:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BG204

Tgt Ion: 75 Resp: 5927
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.6 39.8
 110 1.1 31.8 47.6#

