

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
 Data File : VV033563.D
 Acq On : 10 Jan 2024 16:18
 Operator : SY/MD
 Sample : PB158329TB 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

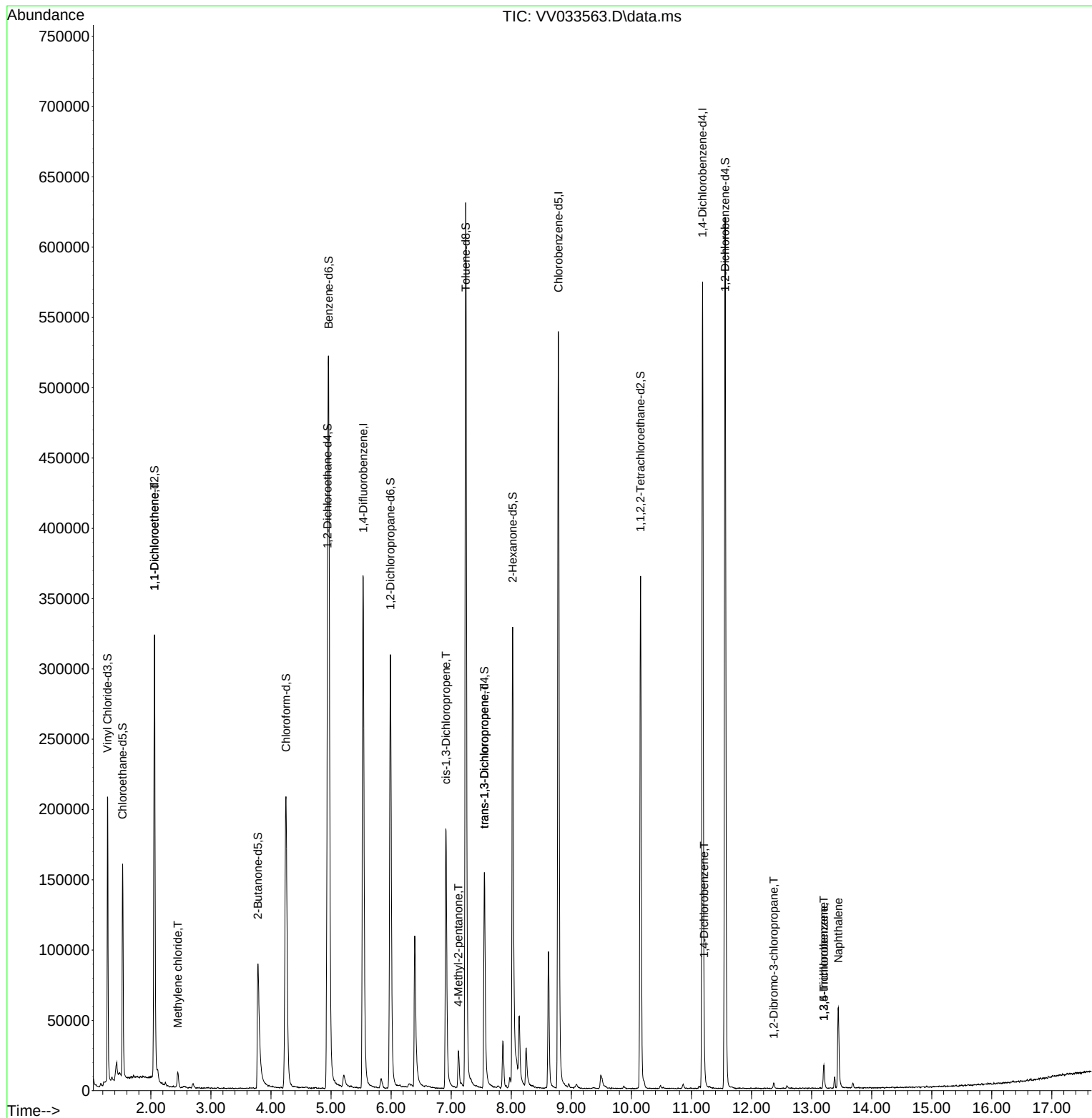
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	307750	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	281465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140679	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	129673	54.825	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.660%		
7) Chloroethane-d5	1.529	69	99806	53.285	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 106.560%		
11) 1,1-Dichloroethene-d2	2.060	65	54135	53.182	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 106.360%		
21) 2-Butanone-d5	3.783	46	156183	96.272	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 96.270%		
24) Chloroform-d	4.249	84	221140	52.288	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.580%		
26) 1,2-Dichloroethane-d4	4.940	65	149046	54.543	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 109.080%		
32) Benzene-d6	4.960	84	453667	56.695	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 113.400%		
36) 1,2-Dichloropropane-d6	5.989	67	152020	57.716	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 115.440%		
41) Toluene-d8	7.243	98	413975	57.419	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 114.840%		
43) trans-1,3-Dichloroprop...	7.555	79	72286	55.530	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 111.060%		
47) 2-Hexanone-d5	8.024	63	113609	103.984	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 103.980%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	180164	53.579	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.160%		
66) 1,2-Dichlorobenzene-d4	11.561	152	149837	56.138	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 112.280%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.060	96	1996	1.081	ug/L #	1
16) Methylene chloride	2.449	84	4231	1.878	ug/L	96
39) cis-1,3-Dichloropropene	6.911	75	4593	1.209	ug/L #	63
40) 4-Methyl-2-pentanone	7.120	43	10292	3.053	ug/L #	53
44) trans-1,3-Dichloropropene	7.551	75	3608	1.031	ug/L #	79
65) 1,4-Dichlorobenzene	11.210	146	3344	0.776	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	1165	1.617	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.204	180	5179	1.630	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	5179	1.796	ug/L	97
71) Naphthalene	13.445	128	48016	6.372	ug/L	100

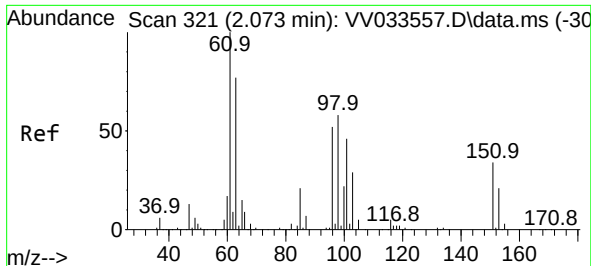
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 11 00:32:34 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.081 ug/L

RT: 2.060 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

Instrument :

MSVOA_V

ClientSampleId :

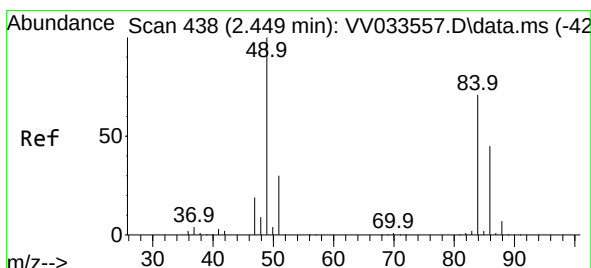
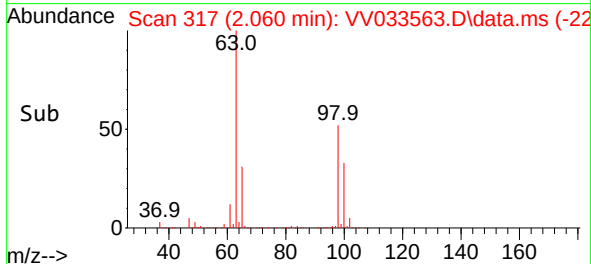
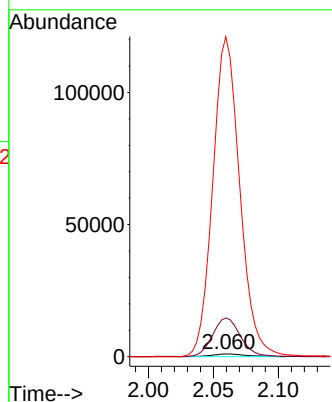
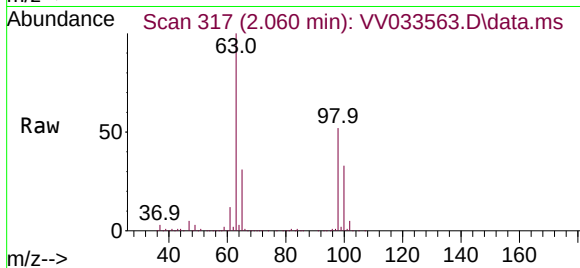
Tgt Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 1449.2 134.0 248.8#

63 11956.6 103.4 192.0#



#16

Methylene chloride

Concen: 1.878 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

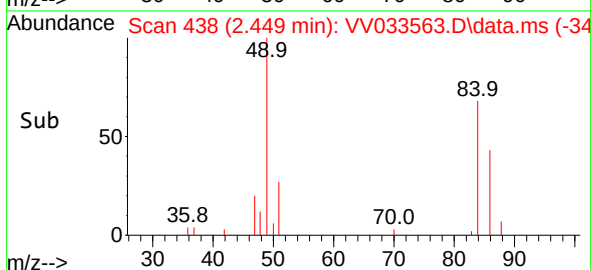
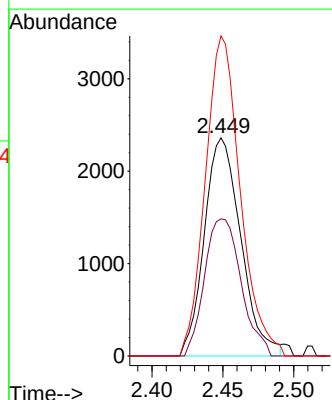
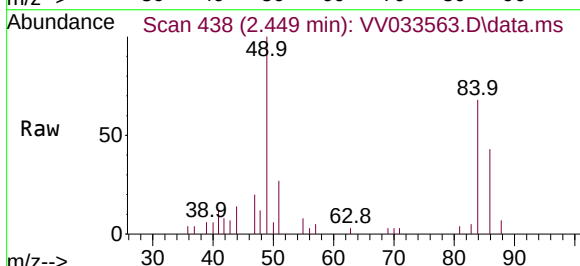
Tgt Ion: 84 Resp: 4231

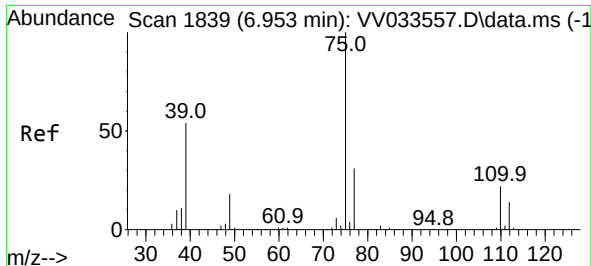
Ion Ratio Lower Upper

84 100

86 62.9 43.9 81.5

49 146.7 98.3 182.5





#39

cis-1,3-Dichloropropene

Concen: 1.209 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

Instrument :

MSVOA_V

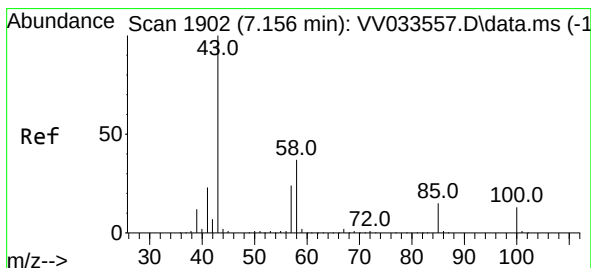
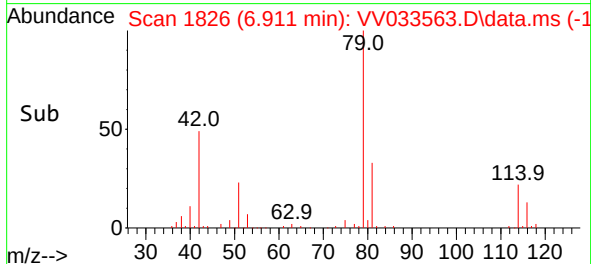
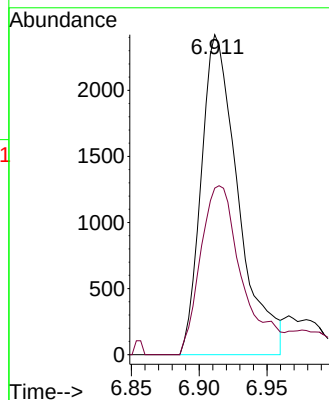
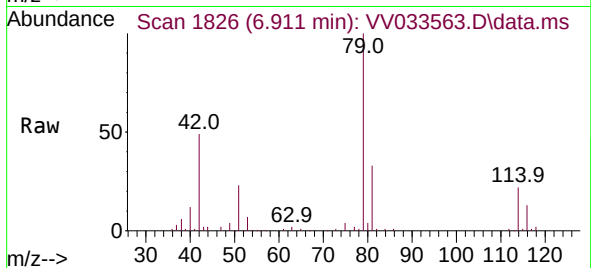
ClientSampleId :

Tgt Ion: 75 Resp: 4593

Ion Ratio Lower Upper

75 100

77 52.0 22.0 41.0#



#40

4-Methyl-2-pentanone

Concen: 3.053 ug/L

RT: 7.120 min Scan# 1891

Delta R.T. -0.035 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

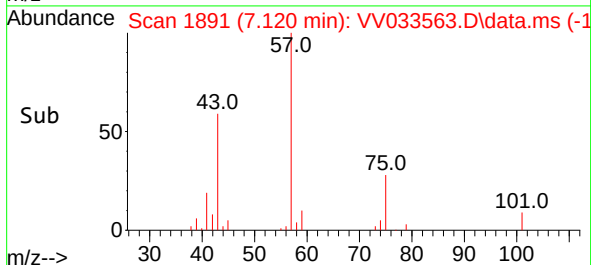
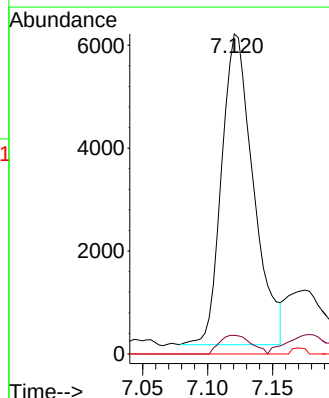
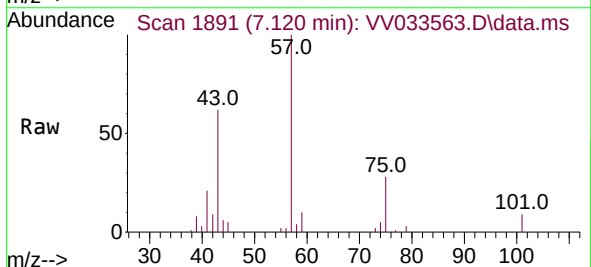
Tgt Ion: 43 Resp: 10292

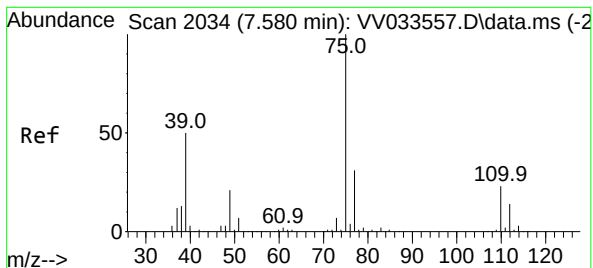
Ion Ratio Lower Upper

43 100

58 5.9 29.6 44.4#

100 0.0 10.6 16.0#





#44

trans-1,3-Dichloropropene

Concen: 1.031 ug/L

RT: 7.551 min Scan# 2034

Delta R.T. -0.029 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

Instrument :

MSVOA_V

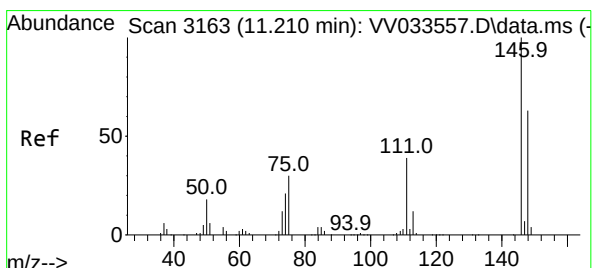
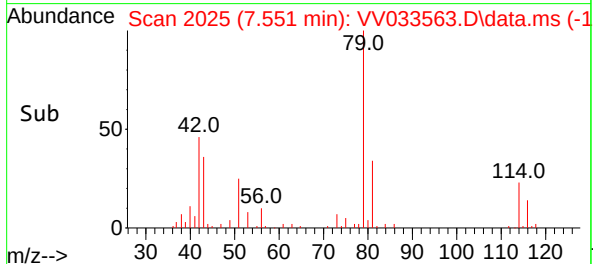
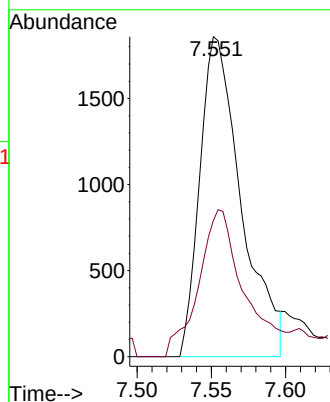
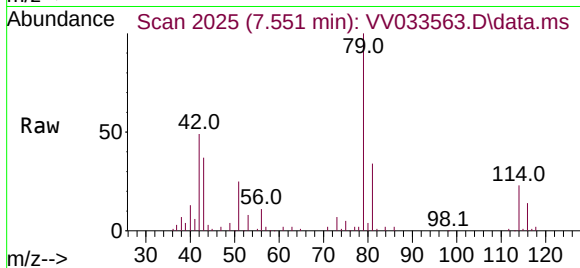
ClientSampleId :

Tgt Ion: 75 Resp: 3608

Ion Ratio Lower Upper

75 100

77 42.5 21.6 40.0#



#65

1,4-Dichlorobenzene

Concen: 0.776 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

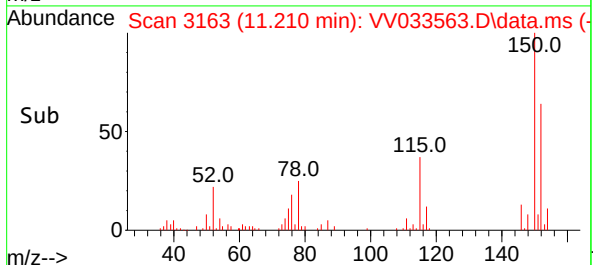
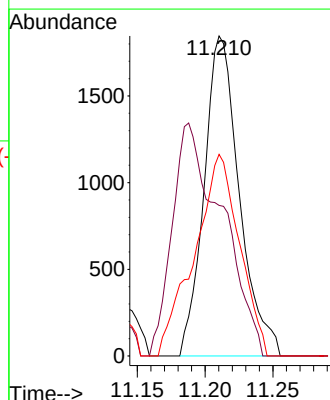
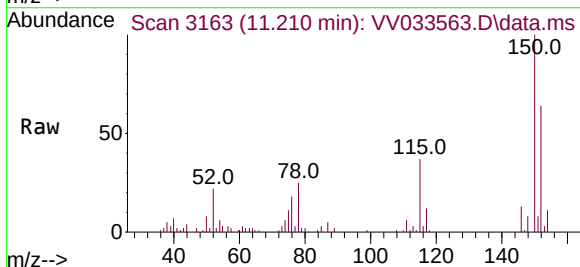
Tgt Ion: 146 Resp: 3344

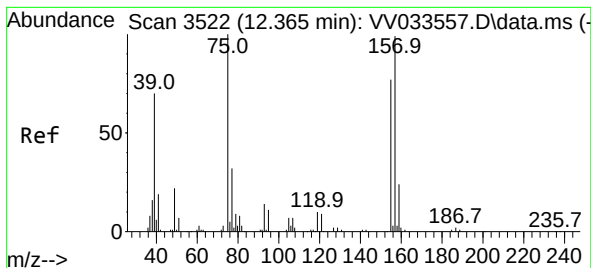
Ion Ratio Lower Upper

146 100

111 47.1 27.7 51.5

148 63.0 44.1 81.9





#68

1,2-Dibromo-3-chloropropane

Concen: 1.617 ug/L

RT: 12.371 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

Instrument :

MSVOA_V

ClientSampleId :

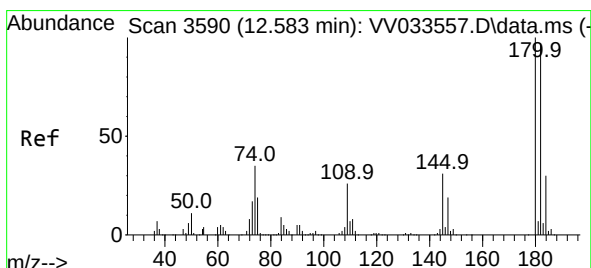
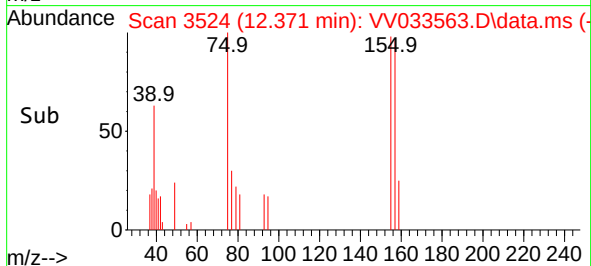
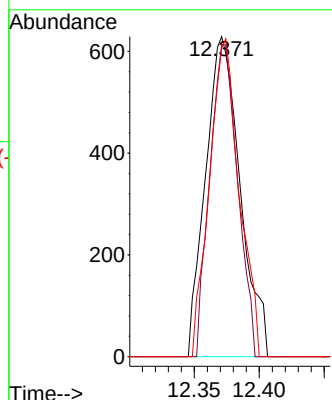
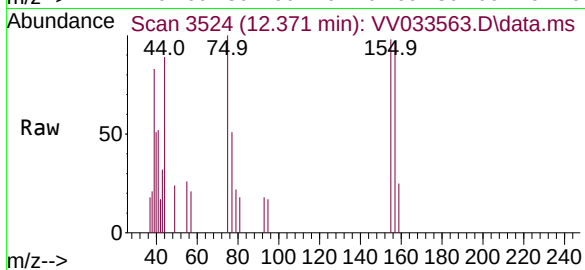
Tgt Ion: 75 Resp: 1165

Ion Ratio Lower Upper

75 100

155 97.6 61.6 92.4#

157 96.3 79.2 118.8



#69

1,3,5-Trichlorobenzene

Concen: 1.630 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.620 min

Lab File: VV033563.D

Acq: 10 Jan 2024 16:18

Tgt Ion:180 Resp: 5179

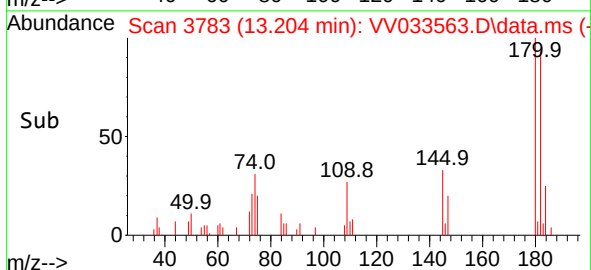
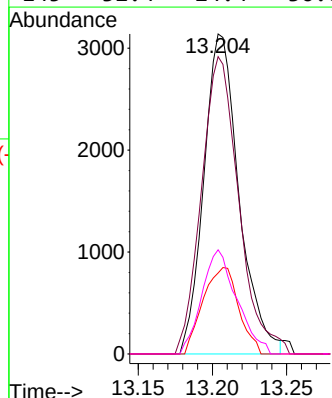
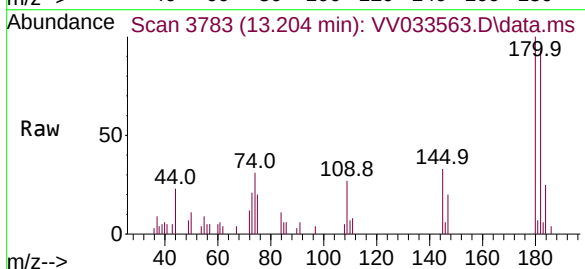
Ion Ratio Lower Upper

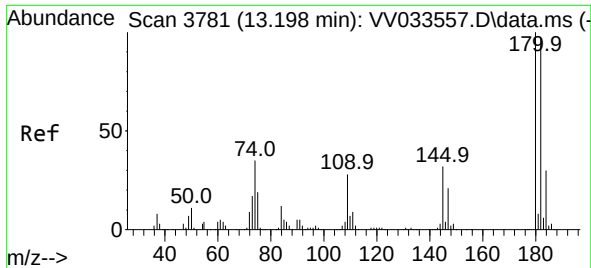
180 100

182 98.3 76.2 114.2

184 27.4 23.9 35.9

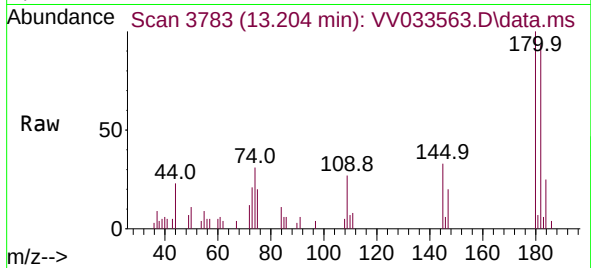
145 32.4 24.4 36.6



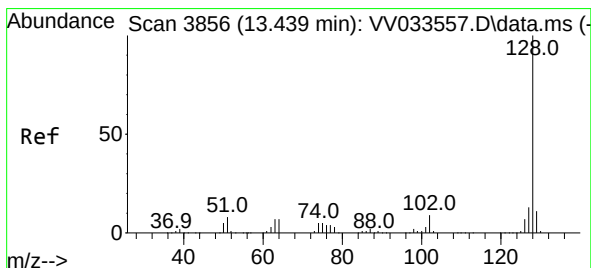
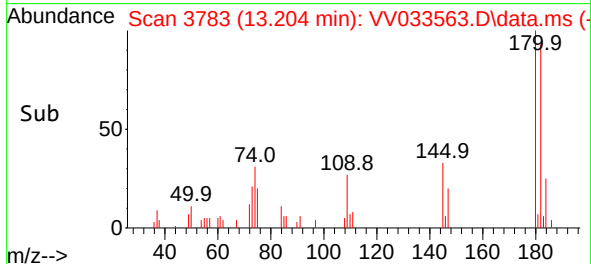
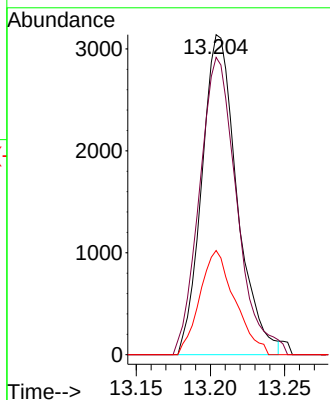


#70
1,2,4-trichlorobenzene
Concen: 1.796 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033563.D
Acq: 10 Jan 2024 16:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 5179
Ion Ratio Lower Upper
180 100
182 98.3 76.3 114.5
145 32.4 25.4 38.0



#71
Naphthalene
Concen: 6.372 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.006 min
Lab File: VV033563.D
Acq: 10 Jan 2024 16:18

Tgt Ion:128 Resp: 48016
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 13.0

