

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
 Data File : VV034522.D
 Acq On : 08 Mar 2024 11:16
 Operator : SY/MD
 Sample : P1637-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 08 23:19:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 23:17:44 2024
 Response via : Initial Calibration

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

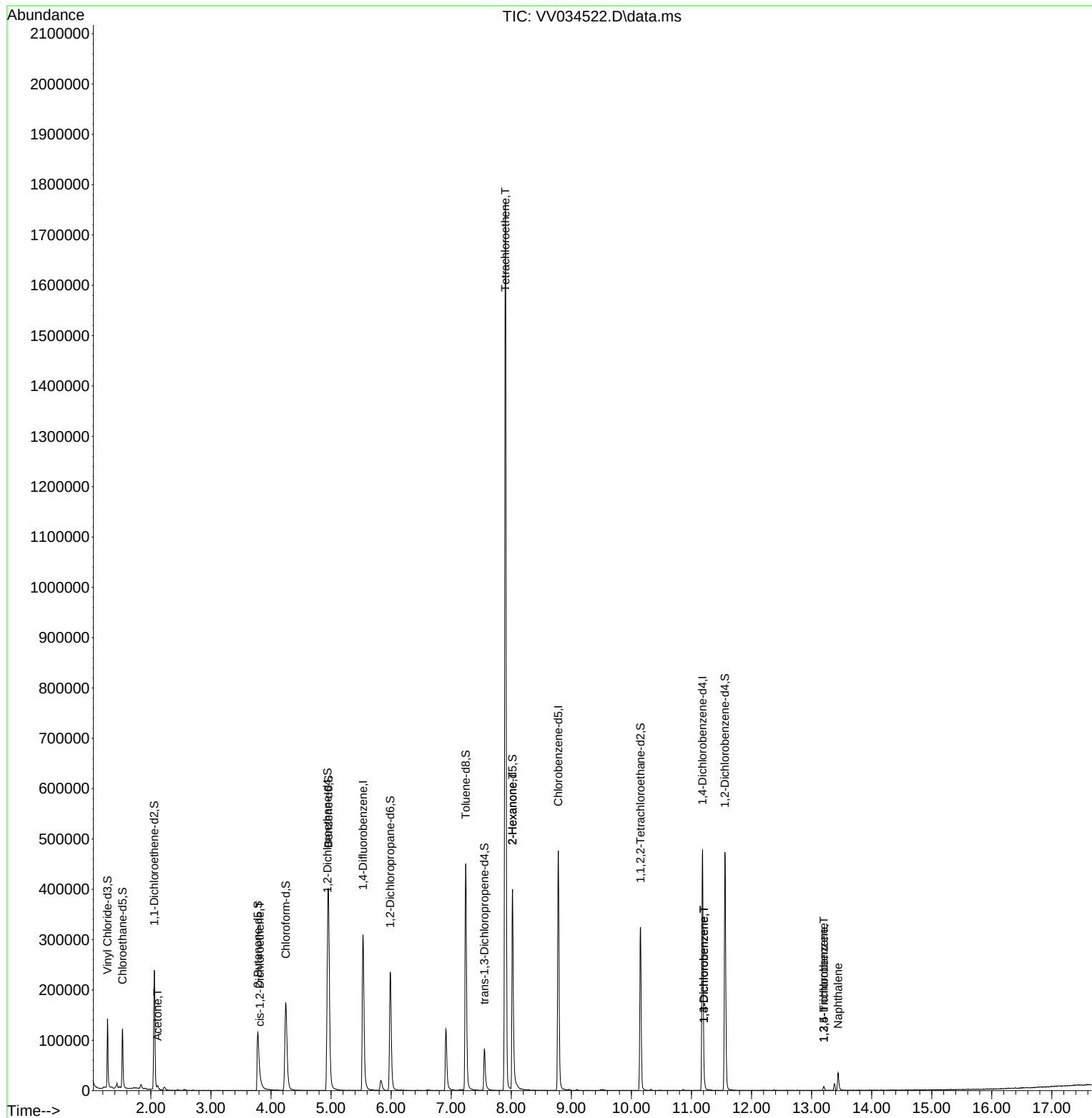
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	265248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	251304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	119225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85853	37.337	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.680%		
7) Chloroethane-d5	1.529	69	76252	42.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.140%		
11) 1,1-Dichloroethene-d2	2.057	65	39817	38.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.580%		
21) 2-Butanone-d5	3.780	46	186147	121.054	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.050%		
24) Chloroform-d	4.246	84	182499	44.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.780%		
26) 1,2-Dichloroethane-d4	4.941	65	129279	48.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.320%		
32) Benzene-d6	4.957	84	343213	45.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.500%		
36) 1,2-Dichloropropane-d6	5.986	67	113437	49.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.020%		
41) Toluene-d8	7.243	98	296247	43.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.320%		
43) trans-1,3-Dichloroprop...	7.551	79	51024	43.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.800%		
47) 2-Hexanone-d5	8.021	63	136544	118.136	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.140%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	152827	50.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.340%		
66) 1,2-Dichlorobenzene-d4	11.558	152	120248	49.343	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds					Qvalue	
13) Acetone	2.114	43	6918	3.742	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	2355	1.129	ug/L	97
46) Tetrachloroethene	7.902	164	372819	226.087	ug/L	99
48) 2-Hexanone	8.021	43	15437	6.433	ug/L #	66
64) 1,3-Dichlorobenzene	11.210	146	4114	1.055	ug/L	90
65) 1,4-Dichlorobenzene	11.210	146	4114	1.039	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.204	180	2718	0.929	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	2718	1.033	ug/L	97
71) Naphthalene	13.442	128	27706	3.936	ug/L	100

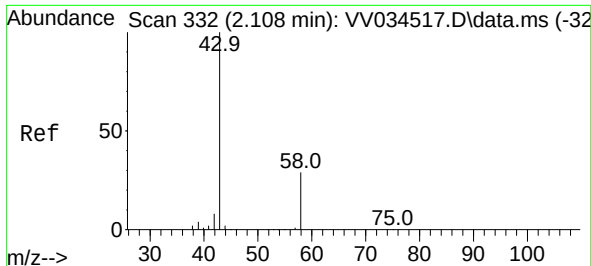
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
Data File : VV034522.D
Acq On : 08 Mar 2024 11:16
Operator : SY/MD
Sample : P1637-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 08 23:19:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 23:17:44 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.742 ug/L

RT: 2.114 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

Instrument :

MSVOA_V

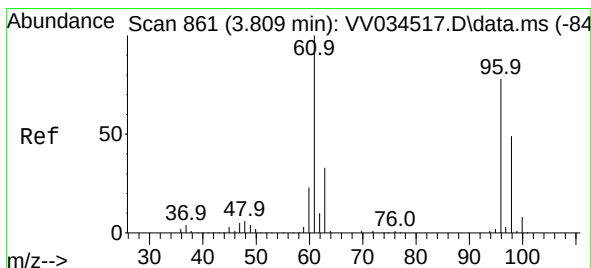
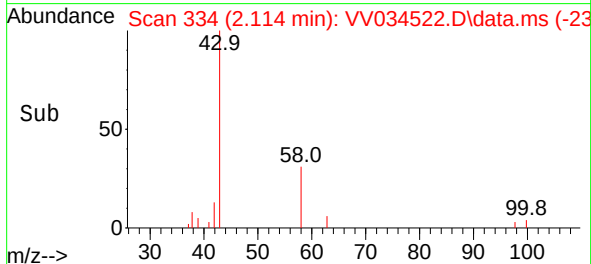
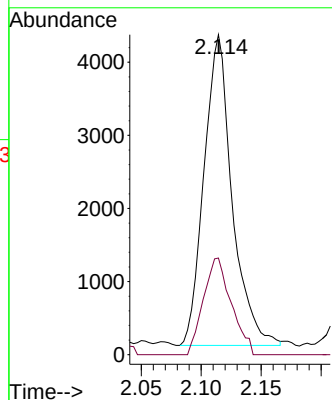
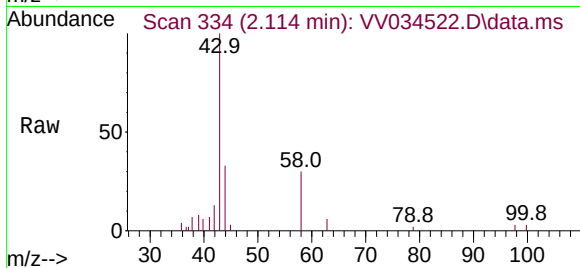
ClientSampleId :

Tgt Ion: 43 Resp: 6918

Ion Ratio Lower Upper

43 100

58 30.9 0.0 57.2



#20

cis-1,2-Dichloroethene

Concen: 1.129 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.006 min

Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

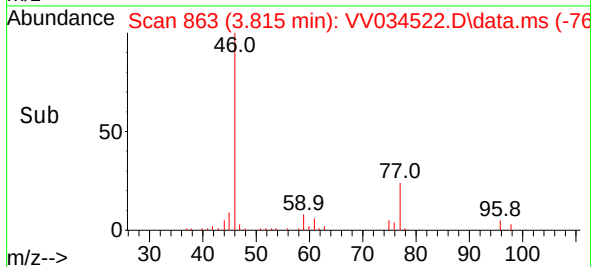
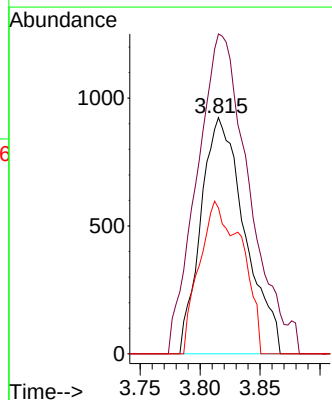
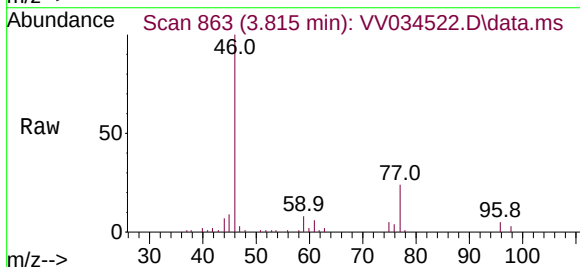
Tgt Ion: 96 Resp: 2355

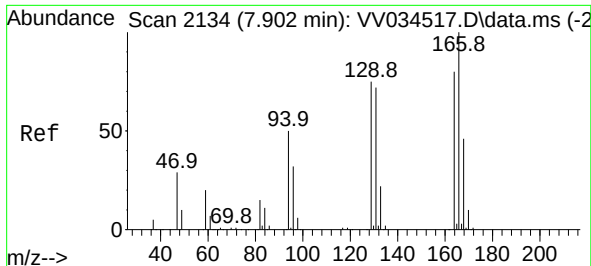
Ion Ratio Lower Upper

96 100

61 135.4 96.0 178.4

98 61.8 46.0 85.4





#46

Tetrachloroethene

Concen: 226.087 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

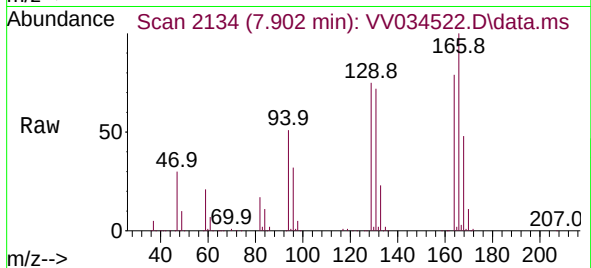
Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 372819

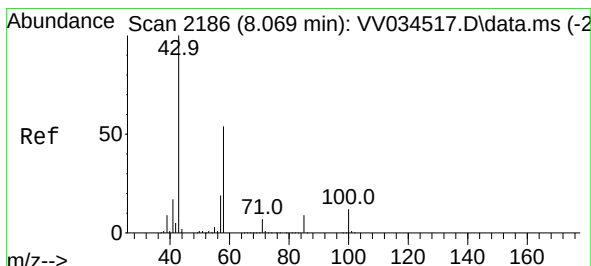
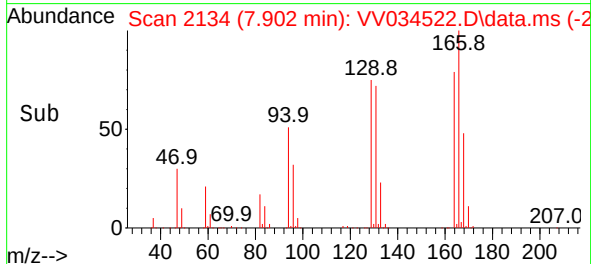
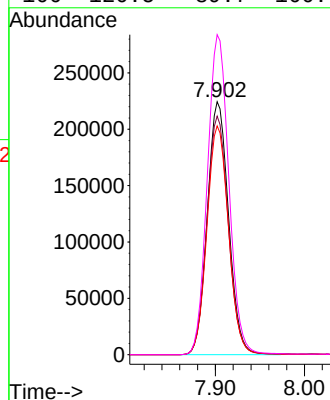
Ion Ratio Lower Upper

164 100

129 94.3 65.7 121.9

131 90.4 62.2 115.6

166 126.5 89.7 166.7



#48

2-Hexanone

Concen: 6.433 ug/L

RT: 8.021 min Scan# 2171

Delta R.T. -0.048 min

Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

Tgt Ion: 43 Resp: 15437

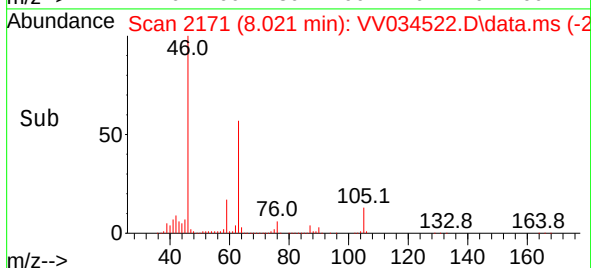
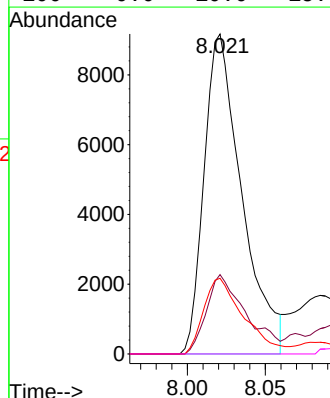
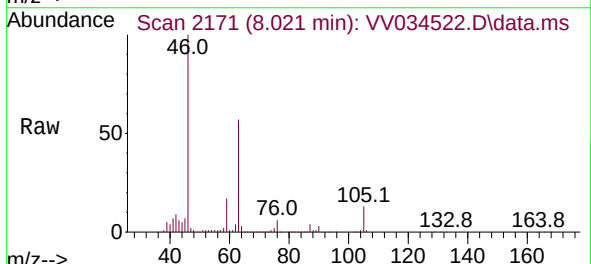
Ion Ratio Lower Upper

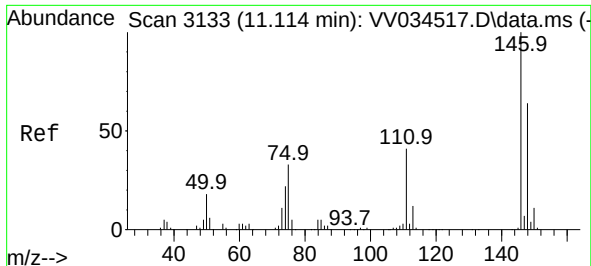
43 100

58 22.5 42.0 63.0#

57 25.1 15.2 22.8#

100 0.0 10.0 15.0#





#64

1,3-Dichlorobenzene

Concen: 1.055 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.097 min

Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

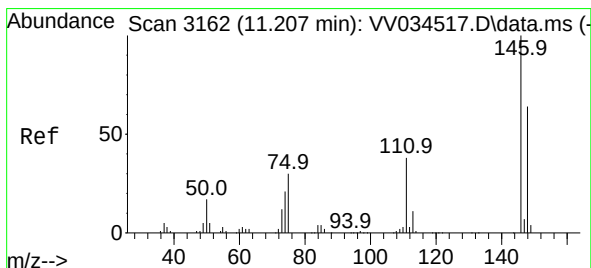
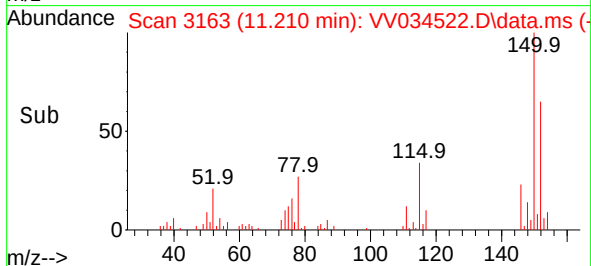
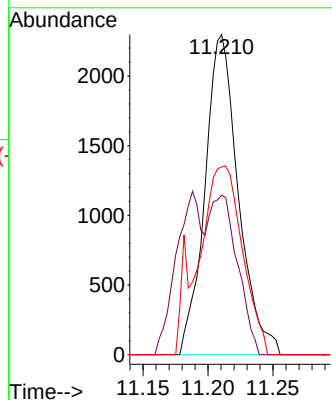
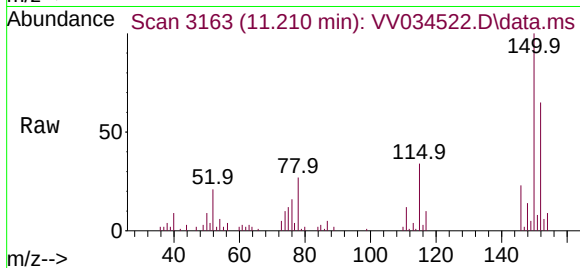
Tgt Ion:146 Resp: 4114

Ion Ratio Lower Upper

146 100

111 49.8 27.9 51.7

148 58.6 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 1.039 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

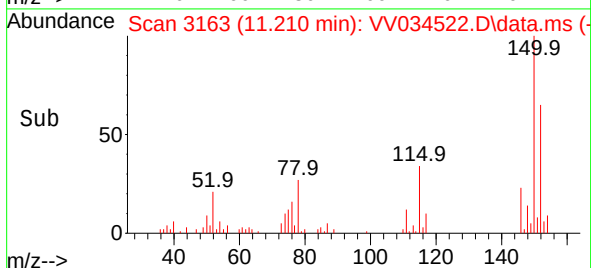
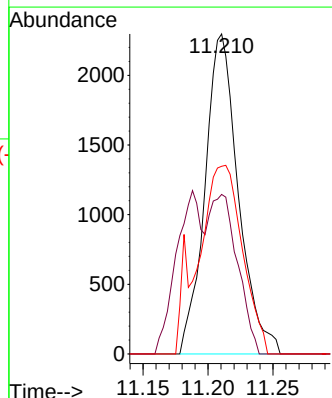
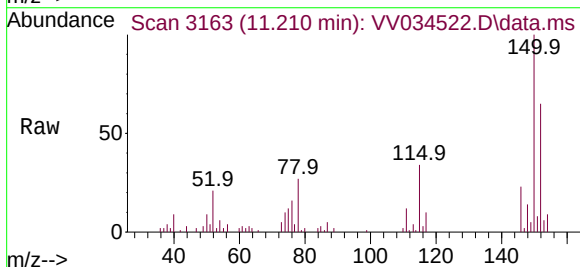
Tgt Ion:146 Resp: 4114

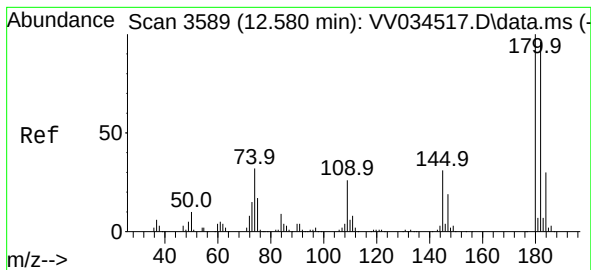
Ion Ratio Lower Upper

146 100

111 49.8 26.5 49.1#

148 58.6 44.0 81.8





#69

1,3,5-Trichlorobenzene

Concen: 0.929 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

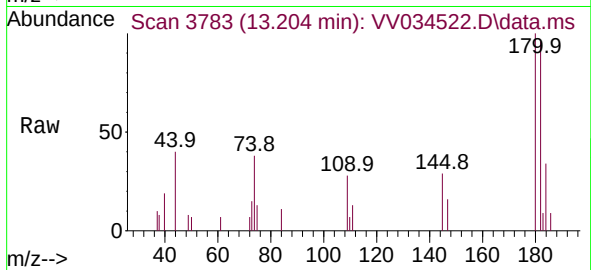
Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2718

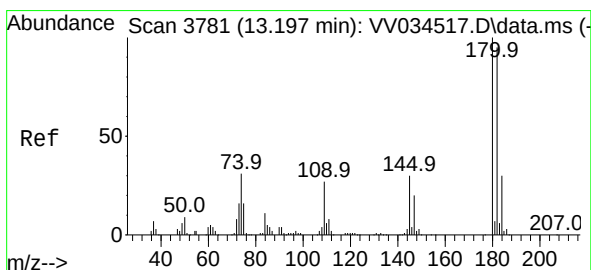
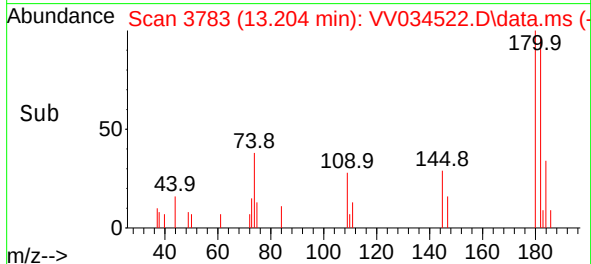
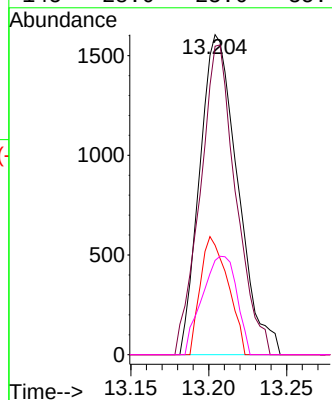
Ion Ratio Lower Upper

180 100

182 91.0 74.6 112.0

184 26.8 23.6 35.4

145 28.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.033 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.007 min

Lab File: VV034522.D

Acq: 08 Mar 2024 11:16

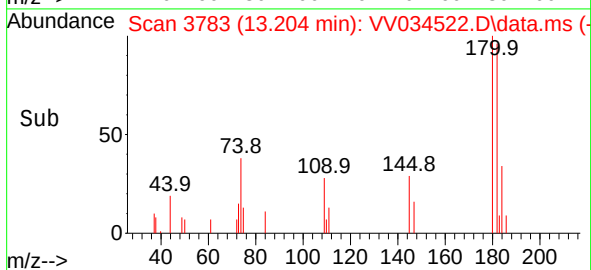
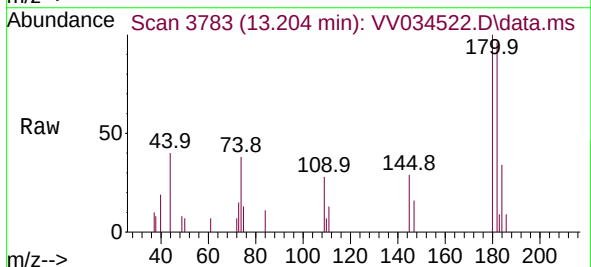
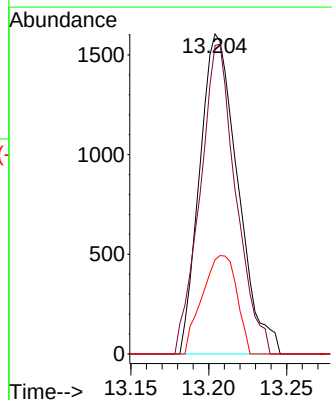
Tgt Ion:180 Resp: 2718

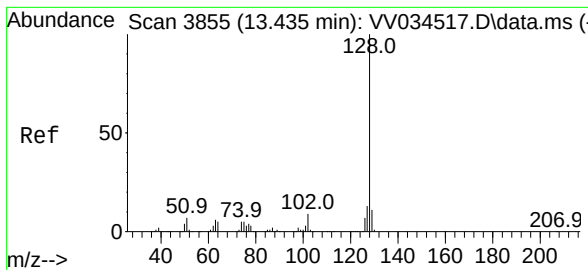
Ion Ratio Lower Upper

180 100

182 91.0 74.8 112.2

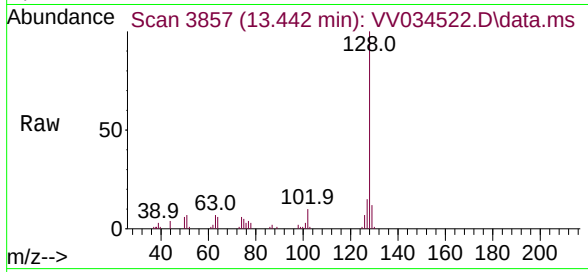
145 28.0 24.2 36.4





#71
Naphthalene
Concen: 3.936 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV034522.D
Acq: 08 Mar 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	27706
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

