

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083024\
 Data File : VV037186.D
 Acq On : 30 Aug 2024 10:22
 Operator : SY/MD
 Sample : P3785-04DL 500X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 00:27:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 31 00:26:21 2024
 Response via : Initial Calibration

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

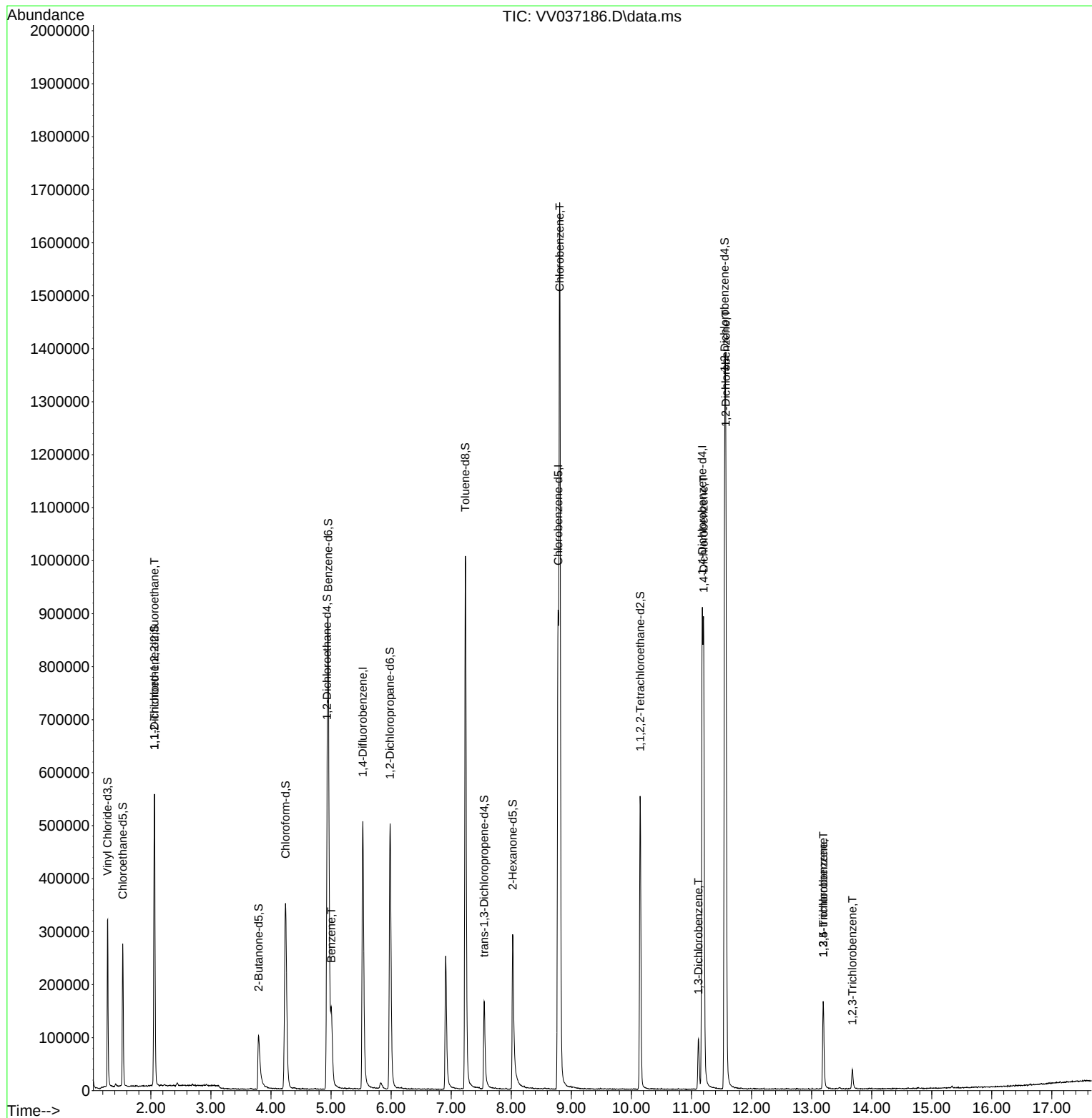
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	440411	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	434010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	205395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210471	52.243	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.480%			
7) Chloroethane-d5	1.532	69	176505	56.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.380%			
11) 1,1-Dichloroethene-d2	2.060	65	94301	55.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.380%			
21) 2-Butanone-d5	3.793	46	165313	105.962	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.960%			
24) Chloroform-d	4.243	84	372177	59.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.060%			
26) 1,2-Dichloroethane-d4	4.934	65	242630	61.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.200%			
32) Benzene-d6	4.953	84	765047	58.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.720%			
36) 1,2-Dichloropropane-d6	5.982	67	246918	60.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.280%#			
41) Toluene-d8	7.236	98	664831	56.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.400%			
43) trans-1,3-Dichloroprop...	7.548	79	98959	52.096	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.200%			
47) 2-Hexanone-d5	8.024	63	104617	93.361	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.360%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	267607	53.741	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.480%			
66) 1,2-Dichlorobenzene-d4	11.554	152	253520	61.629	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.260%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2585	0.848	ug/L #	27
33) Benzene	5.005	78	146513	11.697	ug/L	100
51) Chlorobenzene	8.805	112	869783	100.744	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	37854	6.156	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	323120	51.345	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	403065	66.669	ug/L	97
69) 1,3,5-Trichlorobenzene	13.194	180	49273	11.517	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	49273	12.231	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	10343	2.605	ug/L	94

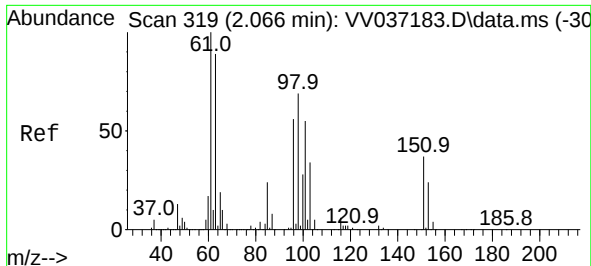
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083024\
Data File : VV037186.D
Acq On : 30 Aug 2024 10:22
Operator : SY/MD
Sample : P3785-04DL 500X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 31 00:27:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 31 00:26:21 2024
Response via : Initial Calibration





#10

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

Concen: 0.848 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

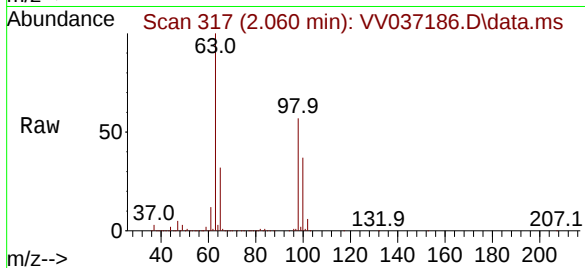
Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

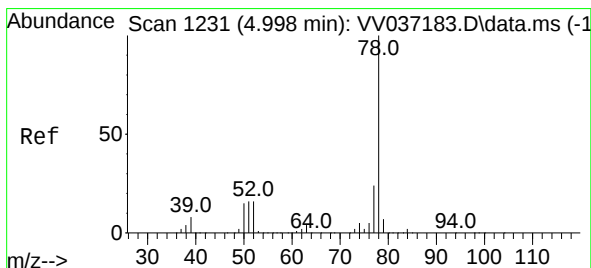
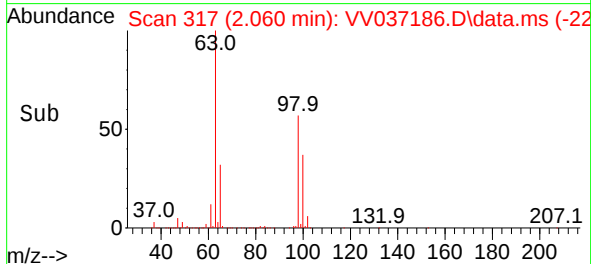
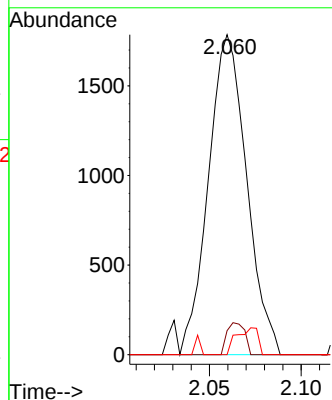
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	101	Resp:	2585
Ion	Ratio	Lower	Upper
101	100		
85	4.6	35.6	53.4#
151	3.1	55.0	82.4#



#33

Benzene

Concen: 11.697 ug/L

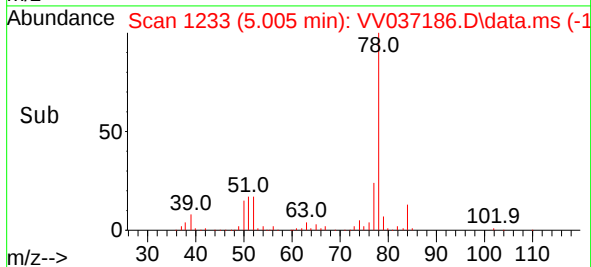
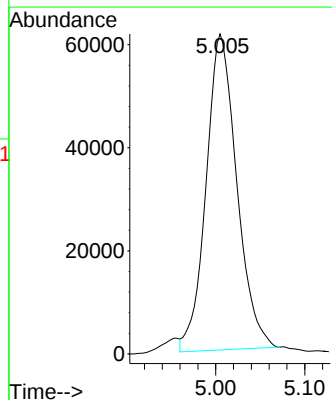
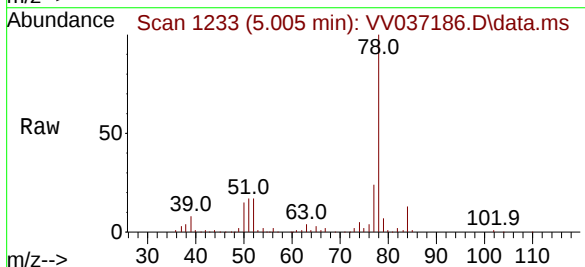
RT: 5.005 min Scan# 1233

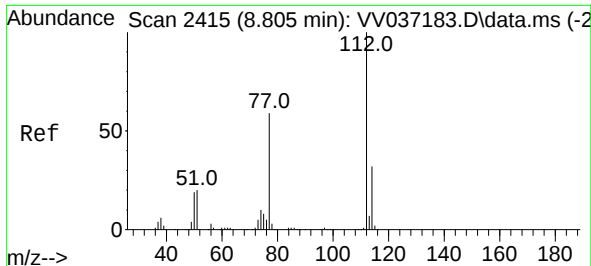
Delta R.T. 0.006 min

Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

Tgt Ion: 78 Resp: 146513

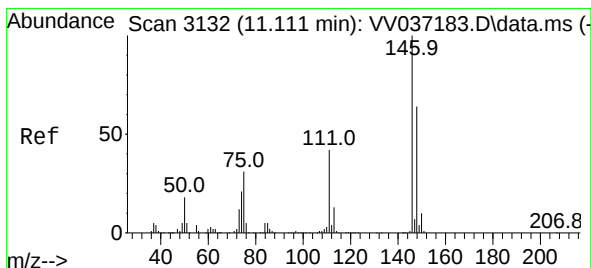
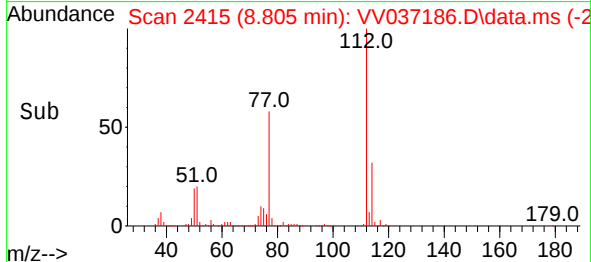
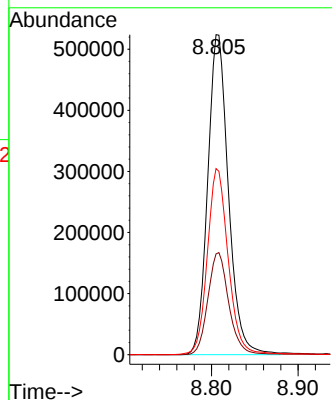
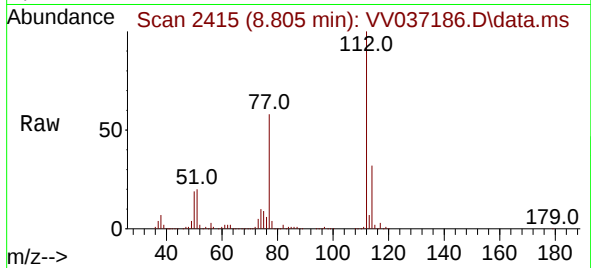




#51
Chlorobenzene
Concen: 100.744 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037186.D
Acq: 30 Aug 2024 10:22

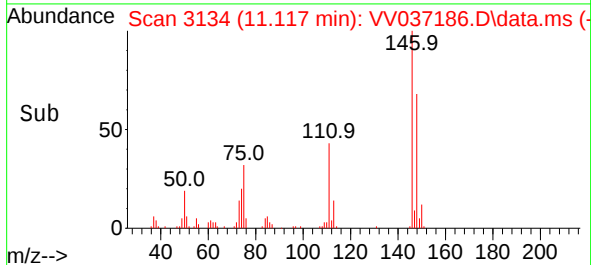
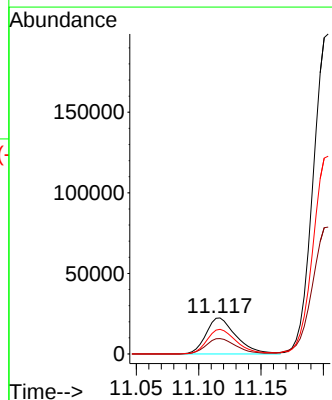
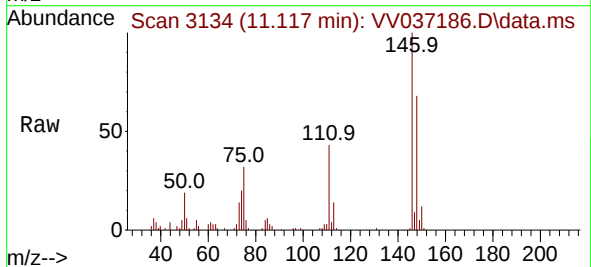
Instrument :
MSVOA_V
ClientSampleId :

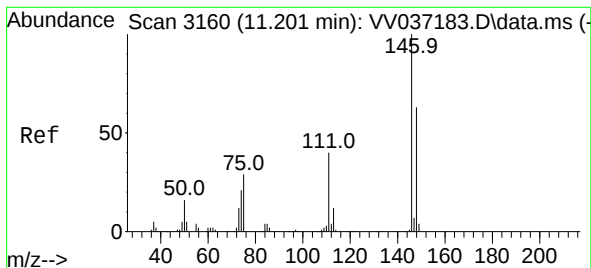
Tgt Ion:112 Resp: 869783
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 58.2 47.8 71.8



#64
1,3-Dichlorobenzene
Concen: 6.156 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.006 min
Lab File: VV037186.D
Acq: 30 Aug 2024 10:22

Tgt Ion:146 Resp: 37854
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 68.4 44.8 83.2





#65

1,4-Dichlorobenzene

Concen: 51.345 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

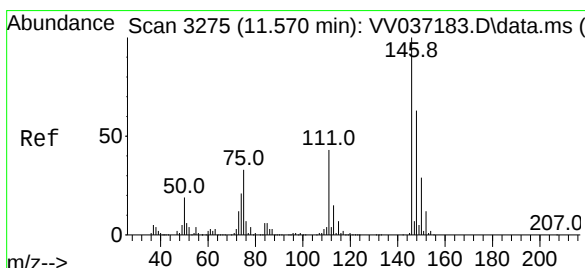
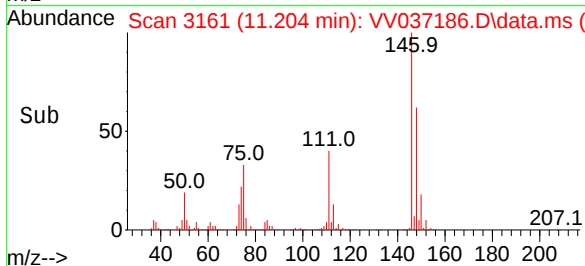
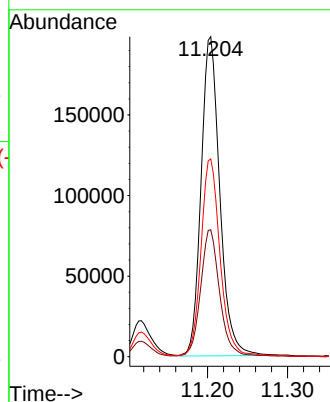
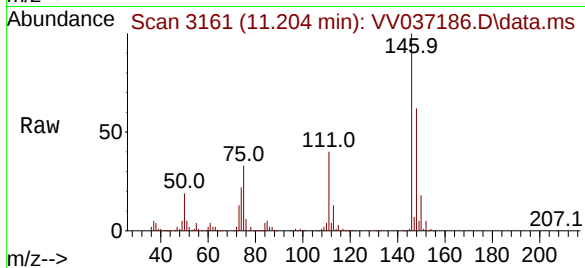
Tgt Ion:146 Resp: 323120

Ion Ratio Lower Upper

146 100

111 39.7 28.1 52.1

148 61.8 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 66.669 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

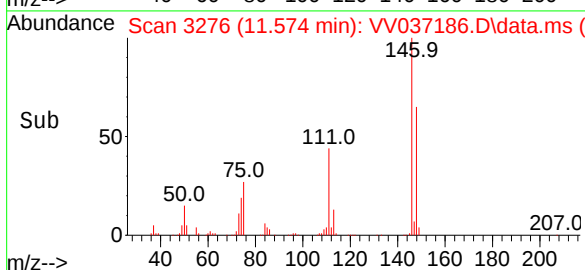
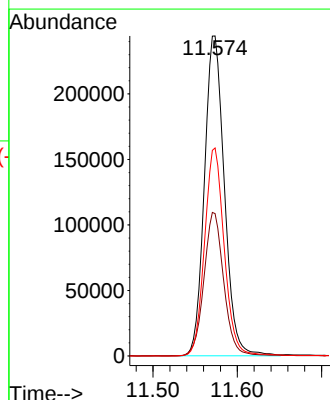
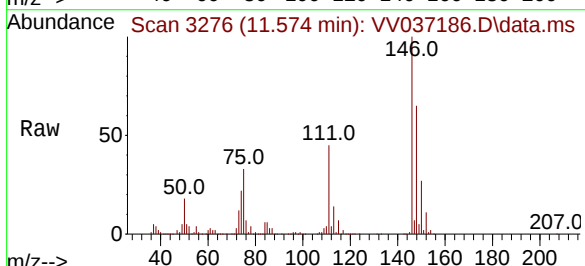
Tgt Ion:146 Resp: 403065

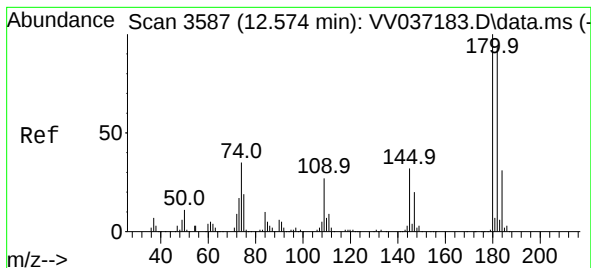
Ion Ratio Lower Upper

146 100

111 44.5 34.6 51.8

148 65.0 50.2 75.4





#69

1,3,5-Trichlorobenzene

Concen: 11.517 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.621 min

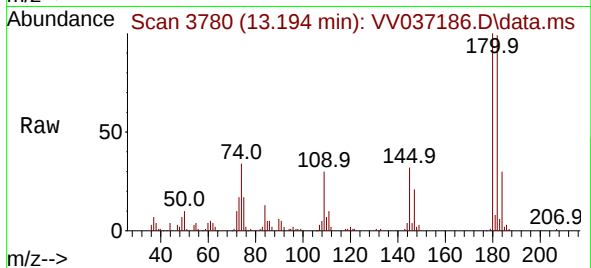
Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 49273

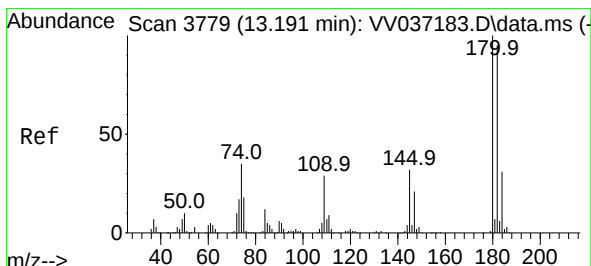
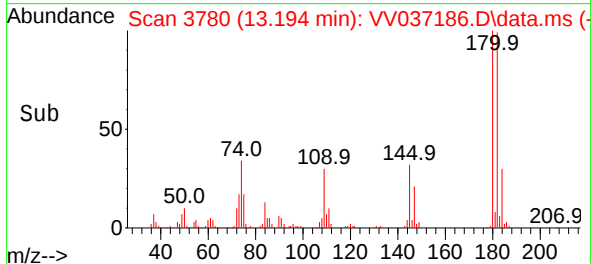
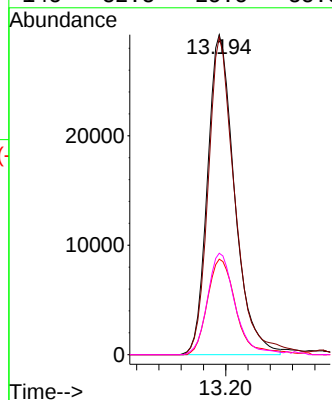
Ion Ratio Lower Upper

180 100

182 98.1 76.7 115.1

184 31.6 24.2 36.2

145 32.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 12.231 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

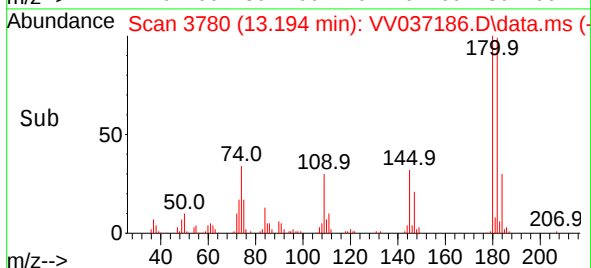
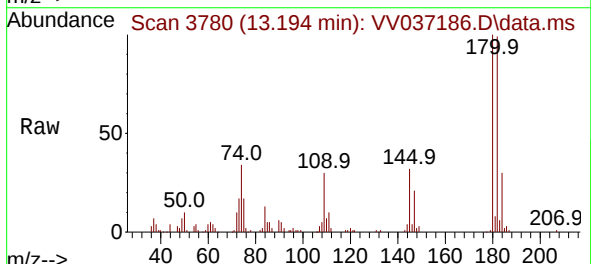
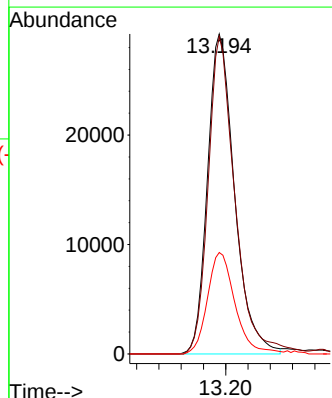
Tgt Ion:180 Resp: 49273

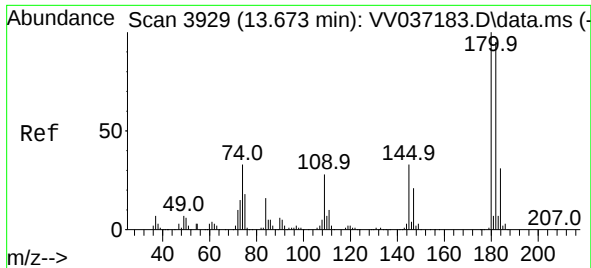
Ion Ratio Lower Upper

180 100

182 98.1 75.7 113.5

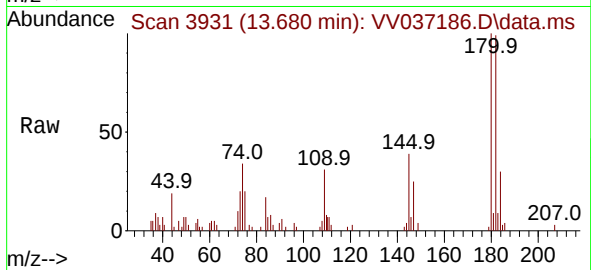
145 32.3 26.0 39.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.605 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.006 min
 Lab File: VV037186.D
 Acq: 30 Aug 2024 10:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	10343
Ion Ratio	Lower	Upper	
180	100		
182	100.1	75.1	112.7
145	35.5	27.0	40.4

