

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 :
 C0SX2DL

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)

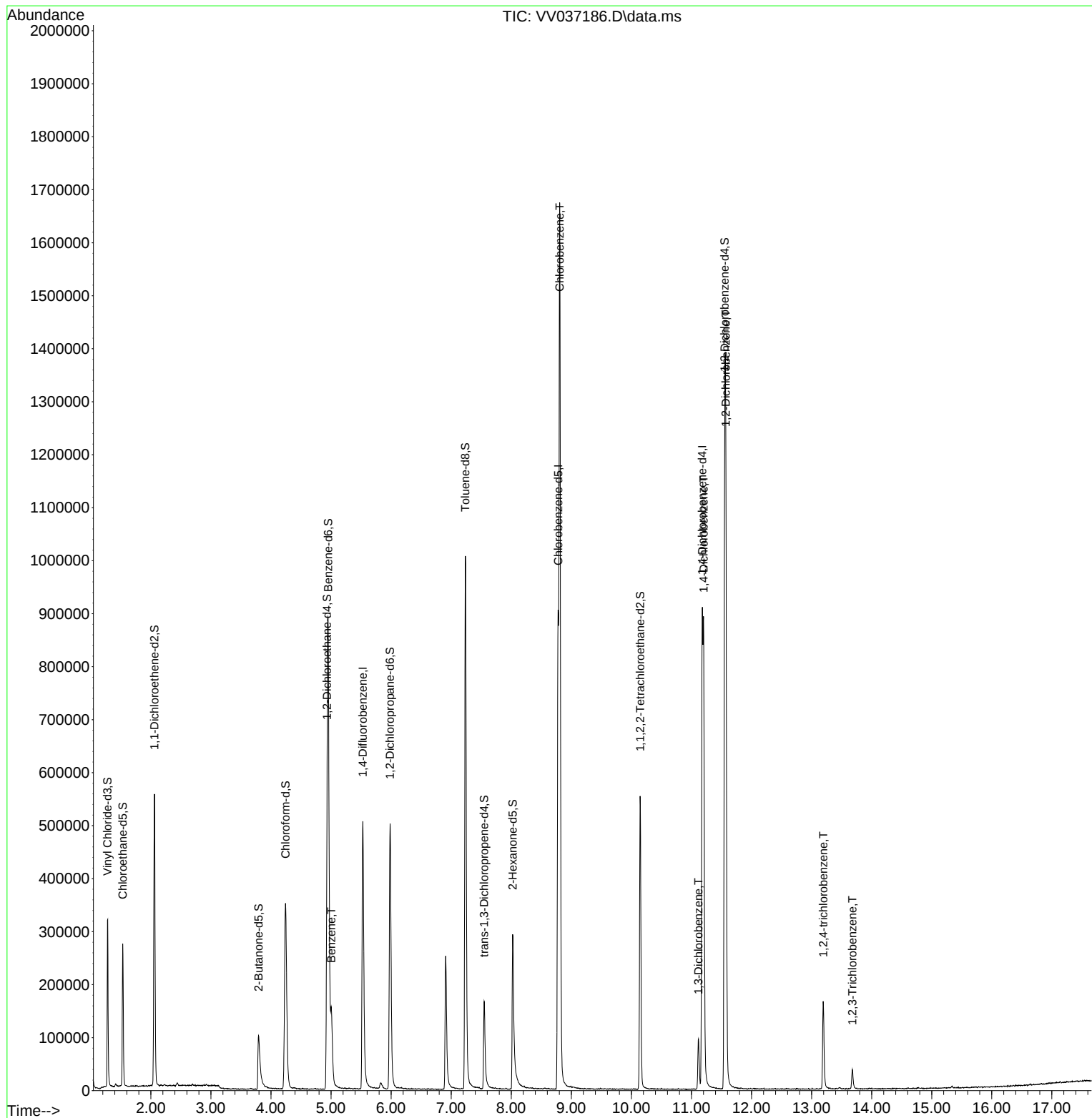
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	440411	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	434010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	205395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210471	52.243	ug/L	0.00
Spiked Amount 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
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
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

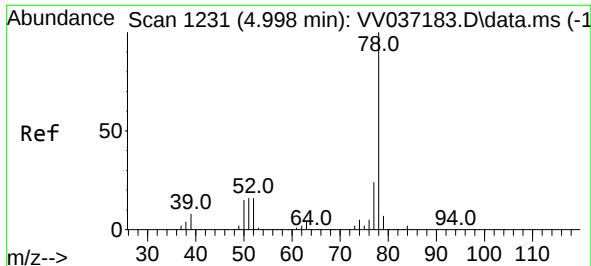
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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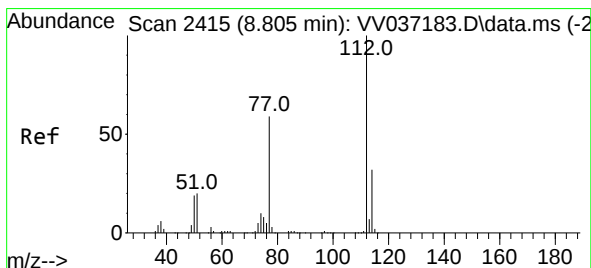
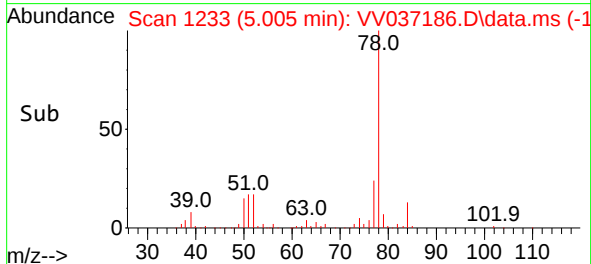
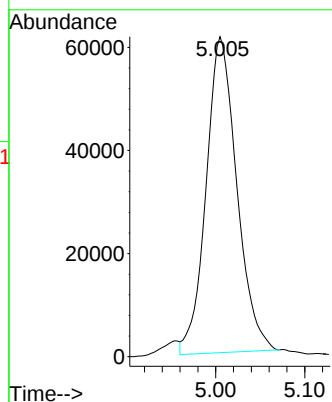
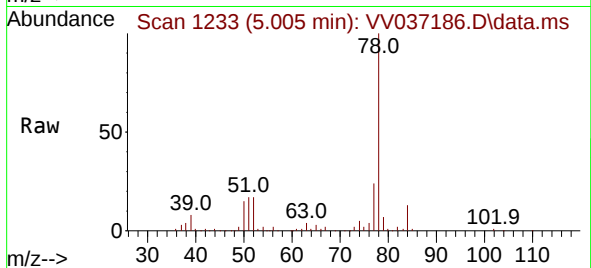




#33
Benzene
Concen: 11.697 ug/L
RT: 5.005 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV037186.D
Acq: 30 Aug 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :
C0SX2DL

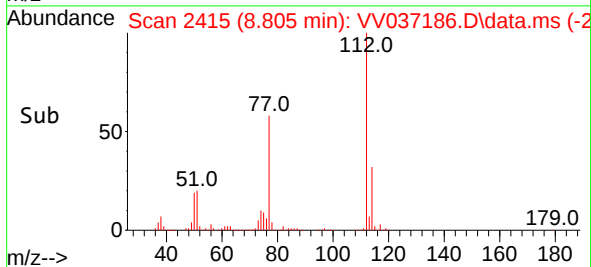
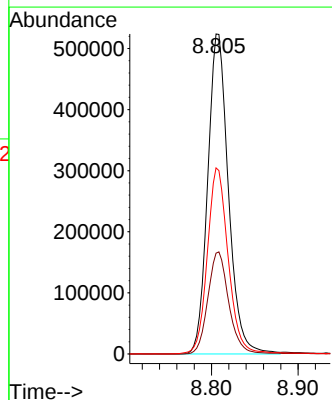
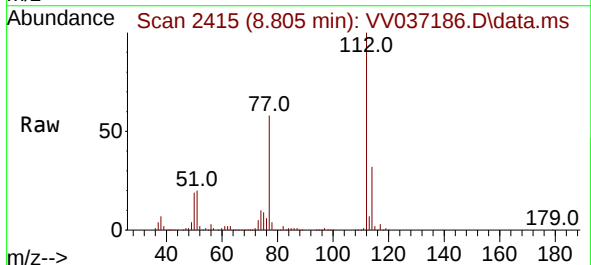
Tgt Ion: 78 Resp: 146513

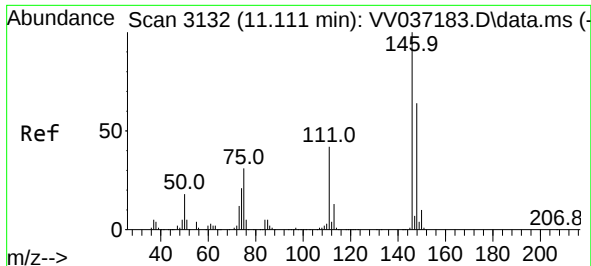


#51
Chlorobenzene
Concen: 100.744 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037186.D
Acq: 30 Aug 2024 10:22

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

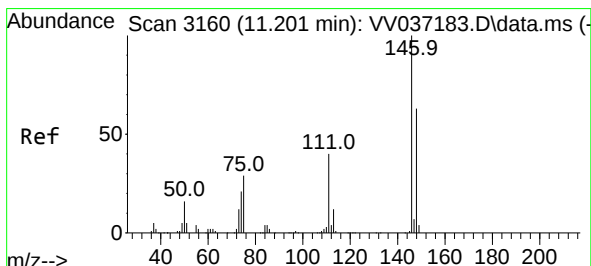
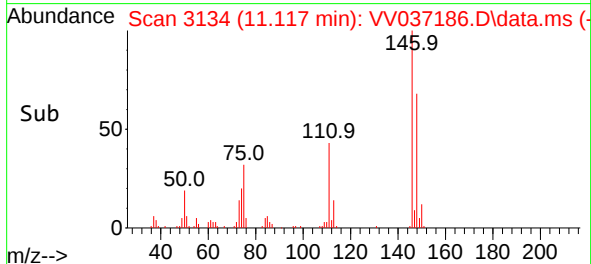
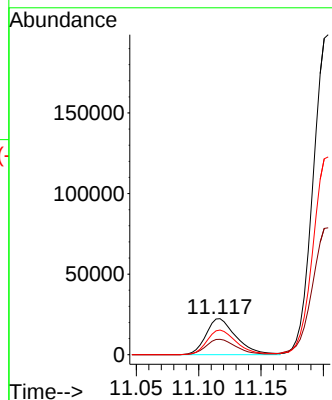
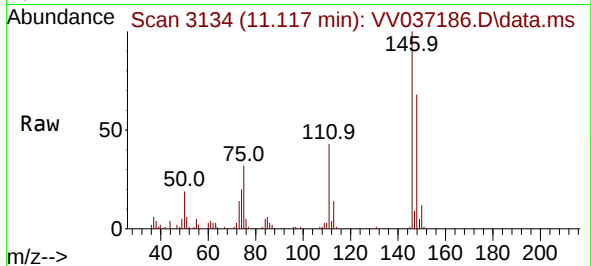




#64
1,3-Dichlorobenzene
Concen: 6.156 ug/L
RT: 11.117 min Scan# 3132
Delta R.T. 0.006 min
Lab File: VV037186.D
Acq: 30 Aug 2024 10:22

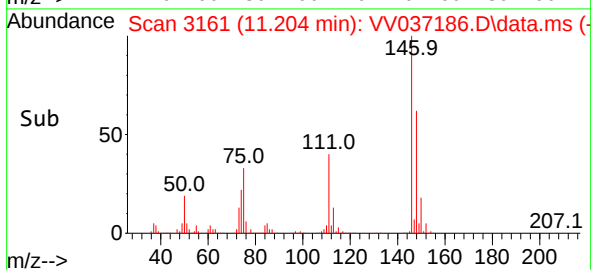
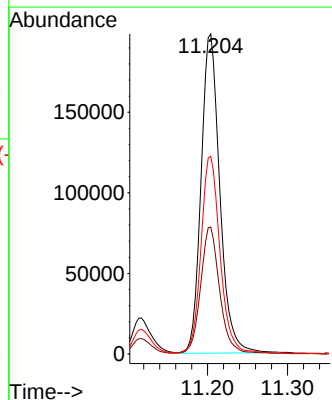
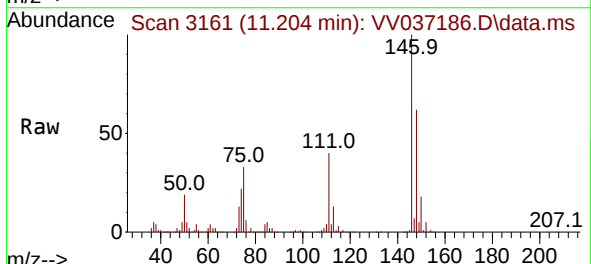
Instrument :
MSVOA_V
ClientSampleId :
C0SX2DL

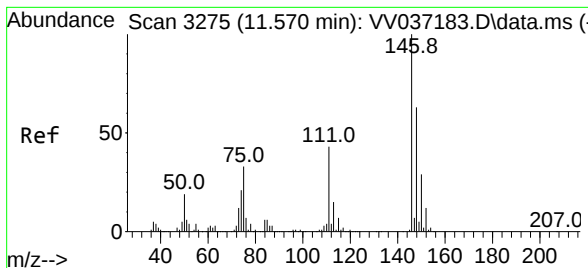
Tgt Ion:146 Resp: 37854
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 68.4 44.8 83.2



#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

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# 31

Delta R.T. 0.003 min

Lab File: VV037186.D

Acq: 30 Aug 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

C0SX2DL

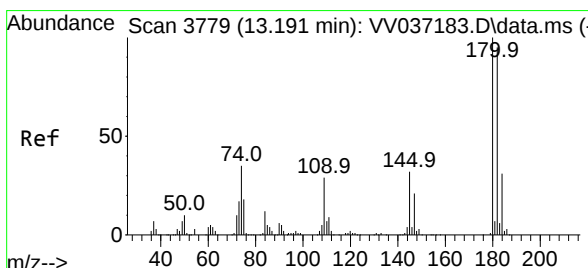
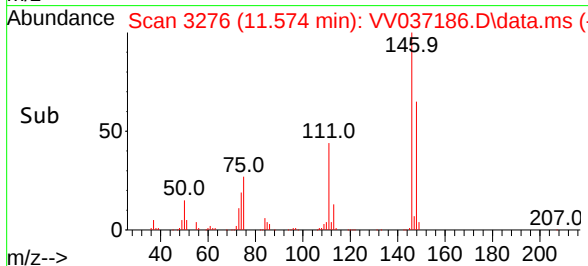
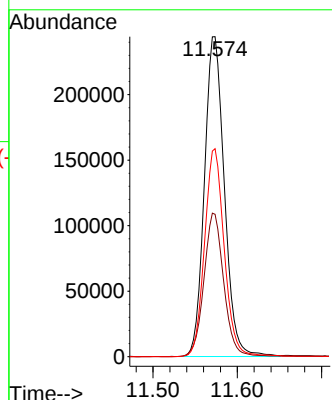
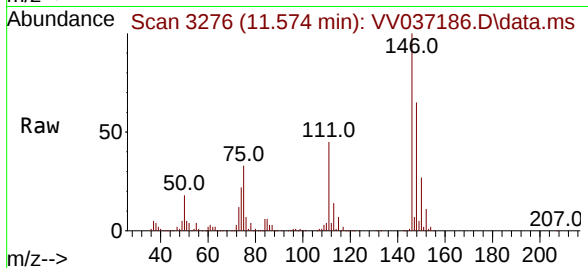
Tgt Ion:146 Resp: 403065

Ion Ratio Lower Upper

146 100

111 44.5 34.6 51.8

148 65.0 50.2 75.4



#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

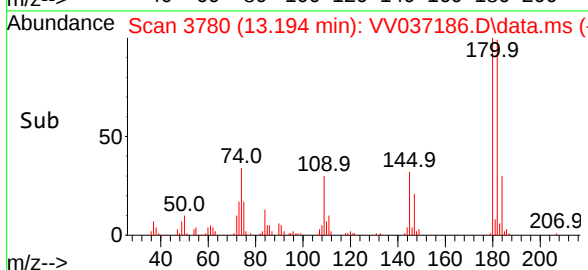
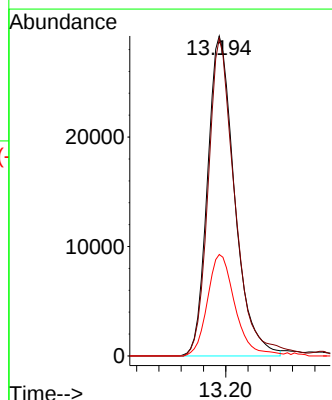
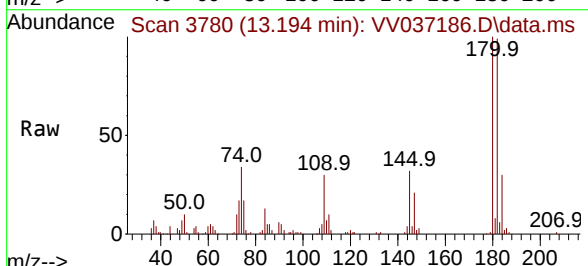
Tgt Ion:180 Resp: 49273

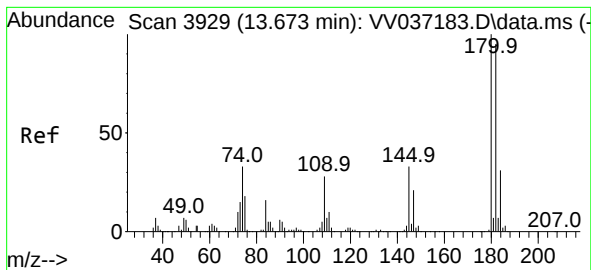
Ion Ratio Lower Upper

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# 39

Delta R.T. 0.006 min

Lab File: VV037186.D

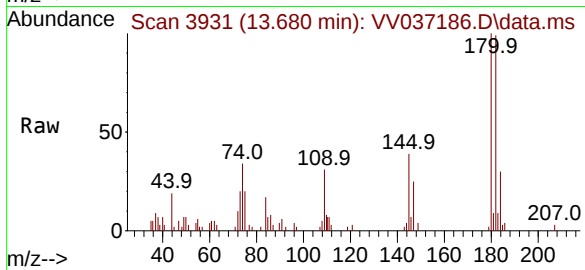
Acq: 30 Aug 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

C0SX2DL



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

