

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037488.D
 Acq On : 23 Sep 2024 17:21
 Operator : SY/MD
 Sample : P4106-01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 04:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

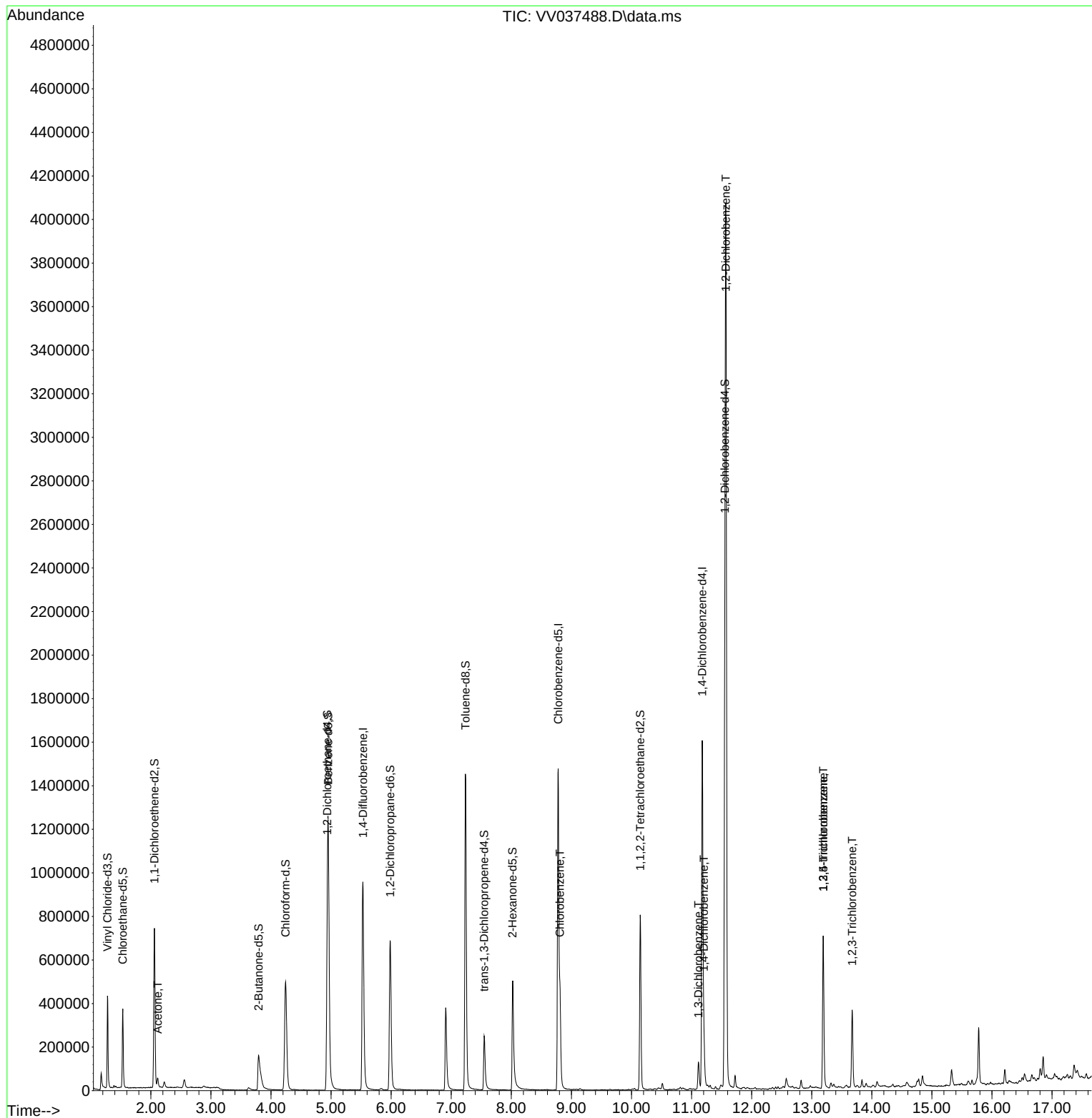
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	840751	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	796666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	401870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	282324	36.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.420%		
7) Chloroethane-d5	1.532	69	235278	39.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.160%		
11) 1,1-Dichloroethene-d2	2.060	65	126673	39.188	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.380%		
21) 2-Butanone-d5	3.793	46	252962	84.936	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.940%		
24) Chloroform-d	4.243	84	534399	44.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.800%		
26) 1,2-Dichloroethane-d4	4.937	65	335116	44.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
32) Benzene-d6	4.953	84	1088060	45.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
36) 1,2-Dichloropropane-d6	5.986	67	344488	45.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.420%		
41) Toluene-d8	7.236	98	974245	44.862	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.720%		
43) trans-1,3-Dichloroprop...	7.548	79	157786	45.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.500%		
47) 2-Hexanone-d5	8.021	63	187836	91.320	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.320%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	392388	42.928	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.860%		
66) 1,2-Dichlorobenzene-d4	11.555	152	372317	46.258	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.520%		
Target Compounds						Qvalue
13) Acetone	2.114	43	44463	13.920	ug/L	98
51) Chlorobenzene	8.809	112	252965	15.962	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	51217	4.257	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	93316	7.579	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	1459020	123.343	ug/L	100
69) 1,3,5-Trichlorobenzene	13.191	180	205309	24.527	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	205309	26.047	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	101686	13.091	ug/L	98

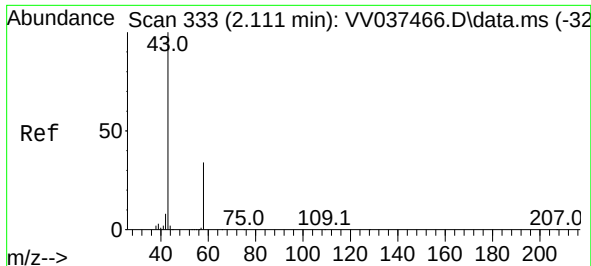
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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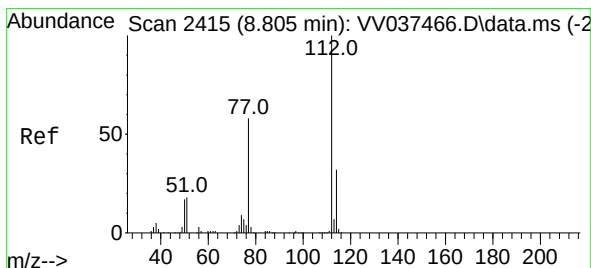
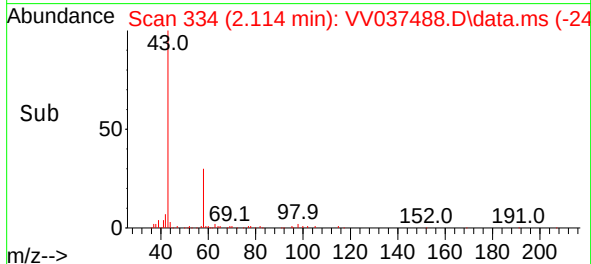
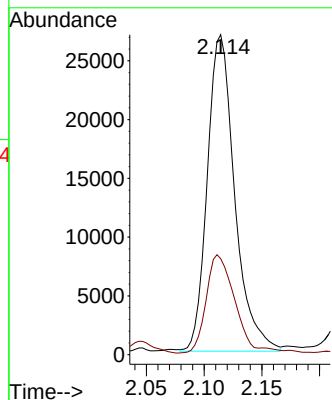
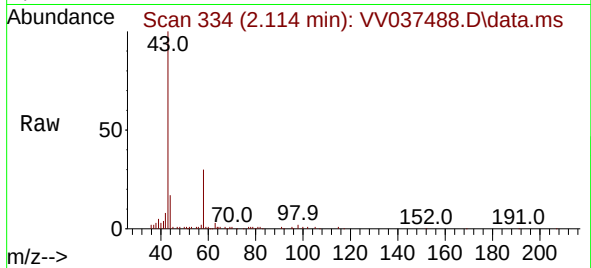




#13
Acetone
Concen: 13.920 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV037488.D
Acq: 23 Sep 2024 17:21

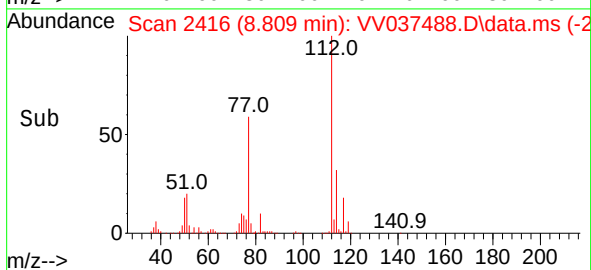
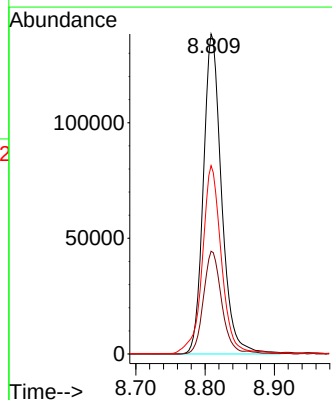
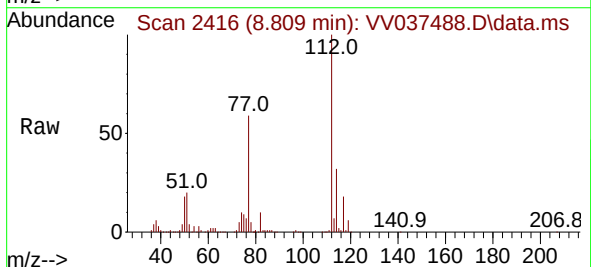
Instrument :
MSVOA_V
ClientSampleId :

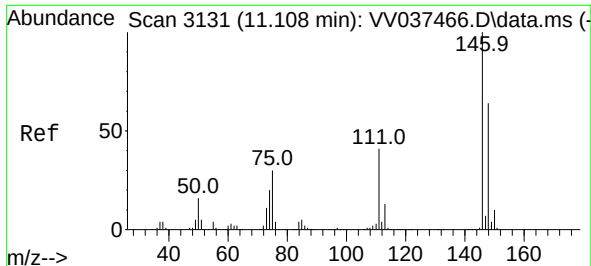
Tgt Ion: 43 Resp: 44463
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.8



#51
Chlorobenzene
Concen: 15.962 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037488.D
Acq: 23 Sep 2024 17:21

Tgt Ion:112 Resp: 252965
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 58.8 47.8 71.8





#64

1,3-Dichlorobenzene

Concen: 4.257 ug/L

RT: 11.114 min Scan# 3131

Delta R.T. 0.007 min

Lab File: VV037488.D

Acq: 23 Sep 2024 17:21

Instrument :

MSVOA_V

ClientSampleId :

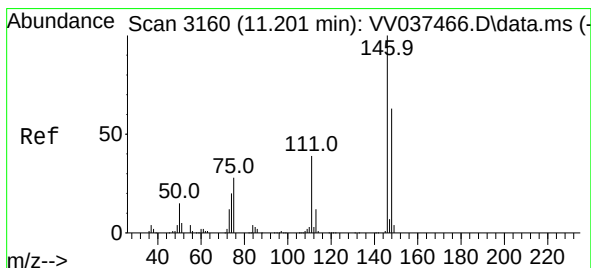
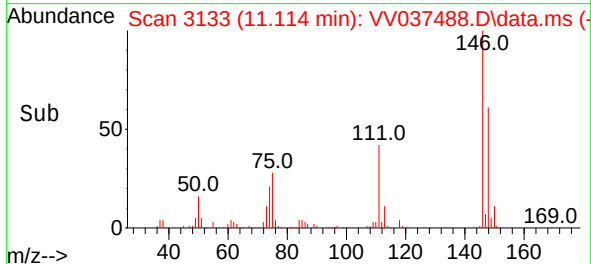
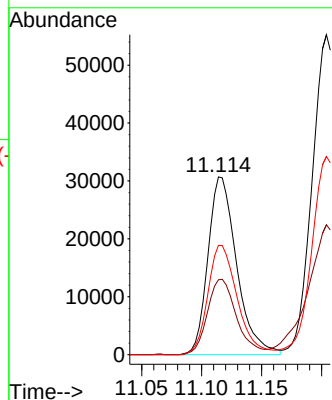
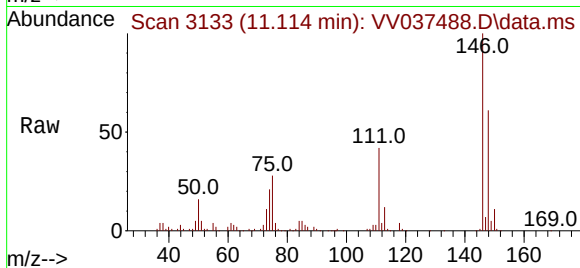
Tgt Ion:146 Resp: 51217

Ion Ratio Lower Upper

146 100

111 42.1 29.7 55.1

148 61.4 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 7.579 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037488.D

Acq: 23 Sep 2024 17:21

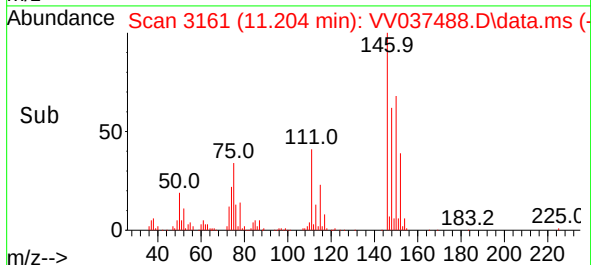
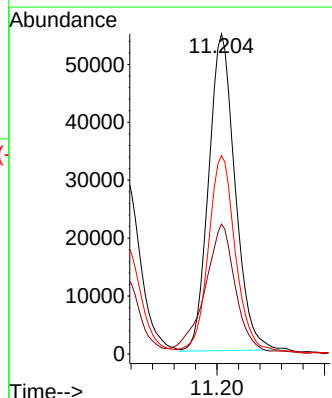
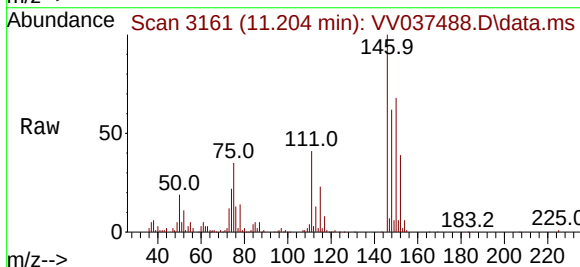
Tgt Ion:146 Resp: 93316

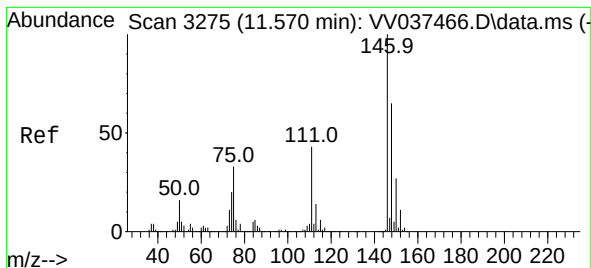
Ion Ratio Lower Upper

146 100

111 40.6 28.1 52.1

148 62.0 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 123.343 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037488.D

Acq: 23 Sep 2024 17:21

Instrument :

MSVOA_V

ClientSampleId :

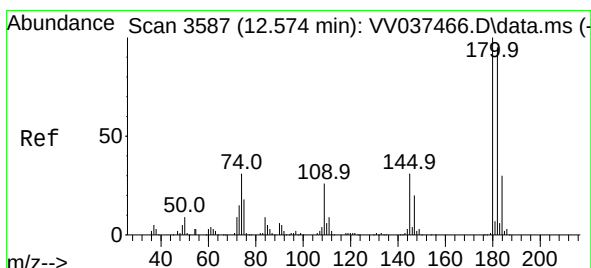
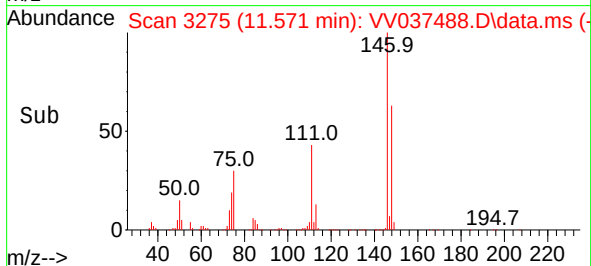
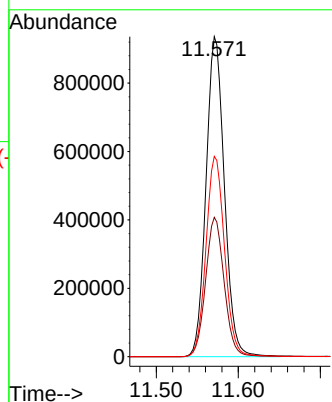
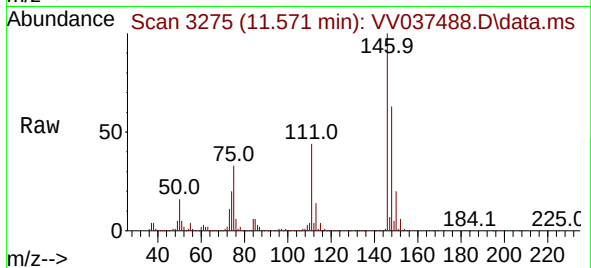
Tgt Ion:146 Resp: 1459020

Ion Ratio Lower Upper

146 100

111 43.6 34.6 51.8

148 62.6 50.2 75.4



#69

1,3,5-Trichlorobenzene

Concen: 24.527 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.617 min

Lab File: VV037488.D

Acq: 23 Sep 2024 17:21

Tgt Ion:180 Resp: 205309

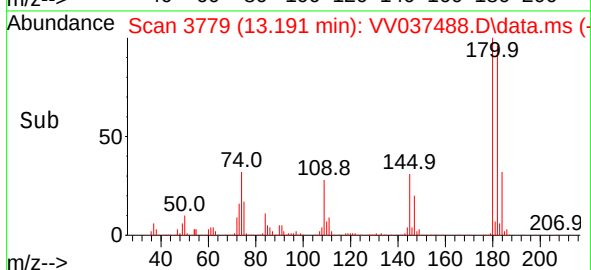
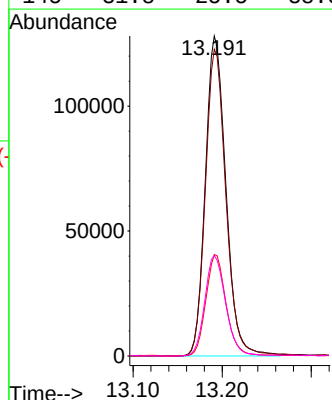
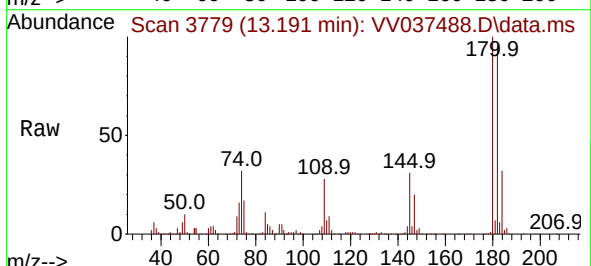
Ion Ratio Lower Upper

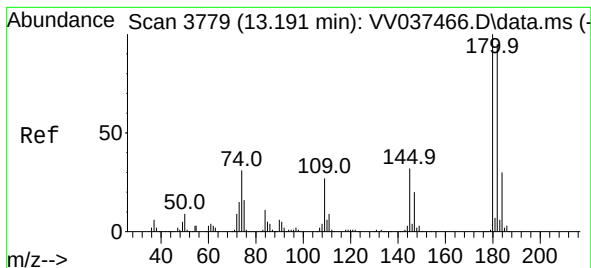
180 100

182 95.3 76.7 115.1

184 30.7 24.2 36.2

145 31.8 25.5 38.3





#70

1,2,4-trichlorobenzene

Concen: 26.047 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037488.D

Acq: 23 Sep 2024 17:21

Instrument :

MSVOA_V

ClientSampleId :

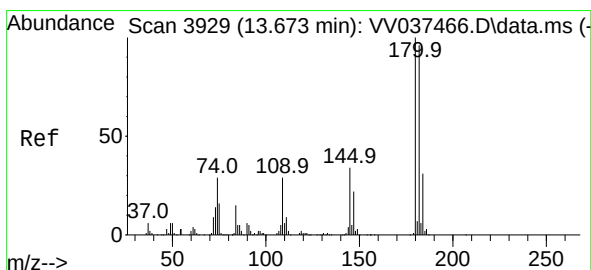
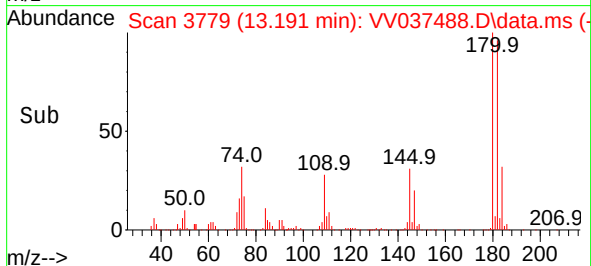
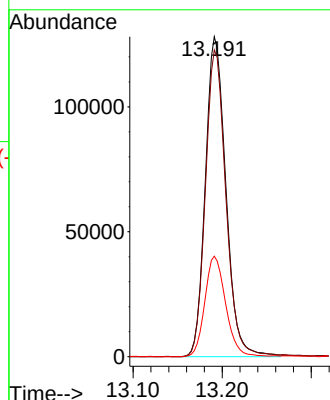
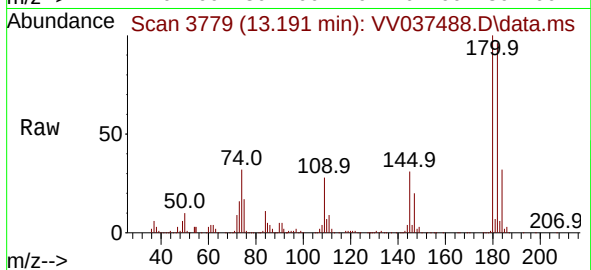
Tgt Ion:180 Resp: 205309

Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

145 31.8 26.0 39.0



#72

1,2,3-Trichlorobenzene

Concen: 13.091 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037488.D

Acq: 23 Sep 2024 17:21

Tgt Ion:180 Resp: 101686

Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 33.5 27.0 40.4

