

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037172.D
 Acq On : 29 Aug 2024 21:26
 Operator : SY/MD
 Sample : P3785-04 100X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 01:43:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 30 01:20:16 2024
 Response via : Initial Calibration

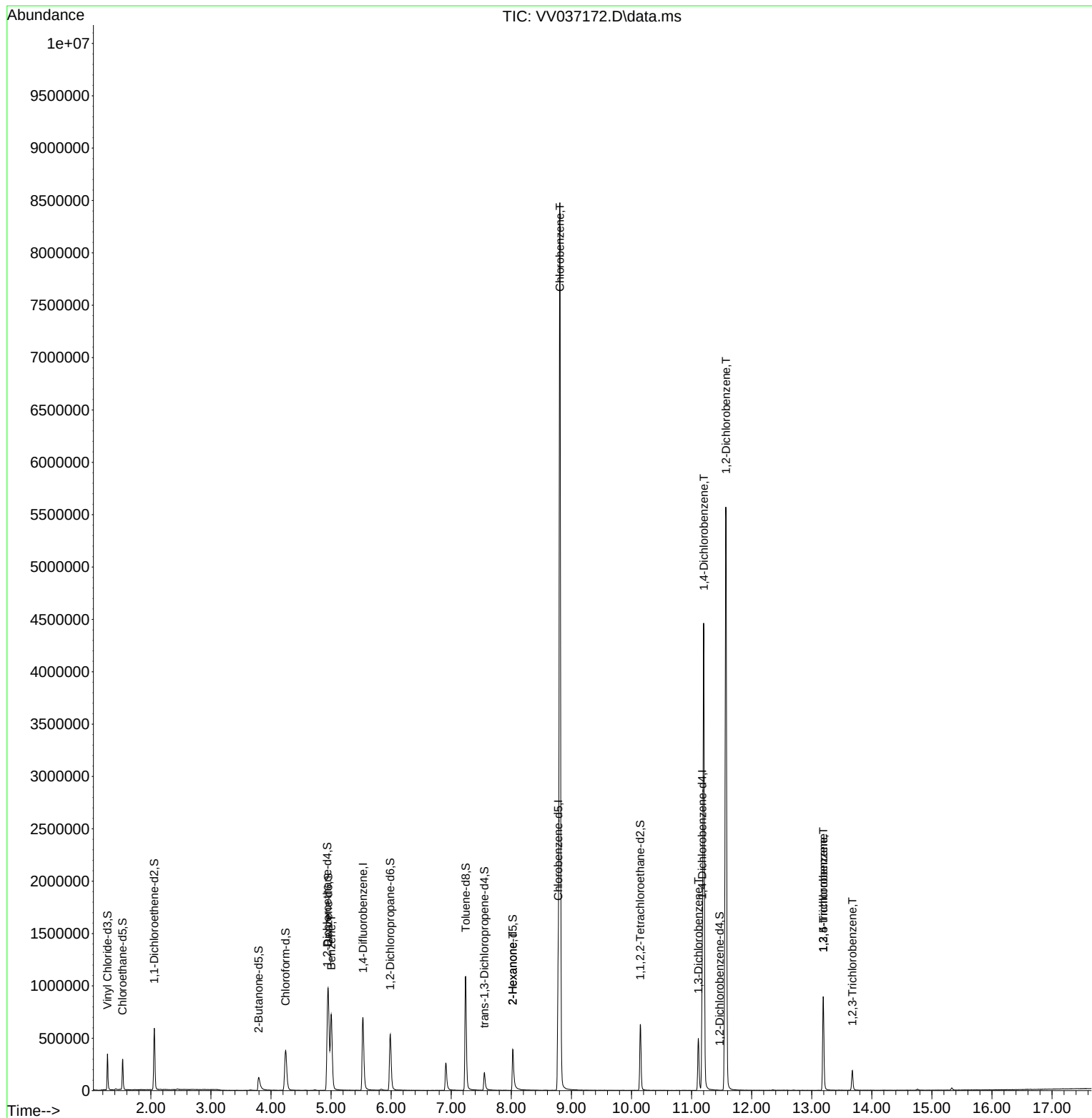
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	603830	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	590850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	285558	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	225570	40.838	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.680%	
7) Chloroethane-d5	1.529	69	190942	44.728	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.460%	
11) 1,1-Dichloroethene-d2	2.056	65	98679	42.505	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.020%	
21) 2-Butanone-d5	3.796	46	205501	96.073	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.070%	
24) Chloroform-d	4.243	84	406340	47.003	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	4.937	65	259738	47.710	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.420%	
32) Benzene-d6	4.953	84	831374	46.586	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.180%	
36) 1,2-Dichloropropane-d6	5.985	67	264959	47.402	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.800%	
41) Toluene-d8	7.239	98	720196	44.716	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.440%	
43) trans-1,3-Dichloroprop...	7.551	79	102476	39.627	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.260%	
47) 2-Hexanone-d5	8.024	63	133266	87.359	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.360%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308807	45.553	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.100%	
66) 1,2-Dichlorobenzene-d4	11.467	152	44	0.008	ug/L	-0.09
Spiked Amount	50.000	Range 80 - 120	Recovery	=	0.020%#	
Target Compounds						
33) Benzene	5.002	78	744512	43.663	ug/L	100
48) 2-Hexanone	8.024	43	16450	4.577	ug/L #	73
51) Chlorobenzene	8.808	112	4297376	365.623	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	192476	22.516	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1637070	187.111	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	2003703	238.385	ug/L	98
69) 1,3,5-Trichlorobenzene	13.191	180	257806	43.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	257806	46.029	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	53571	9.706	ug/L	97

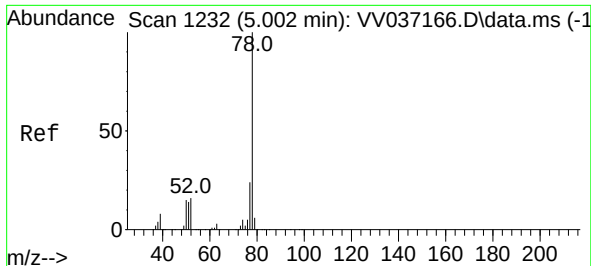
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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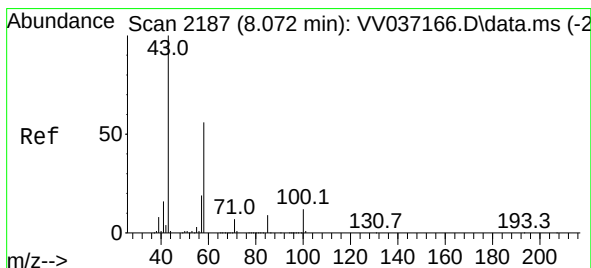
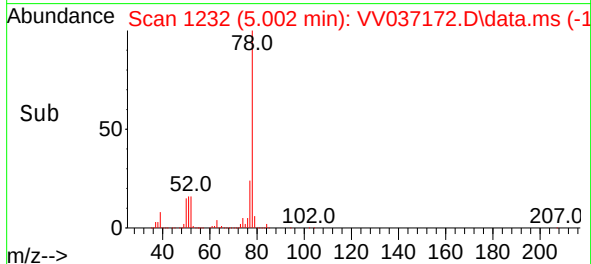
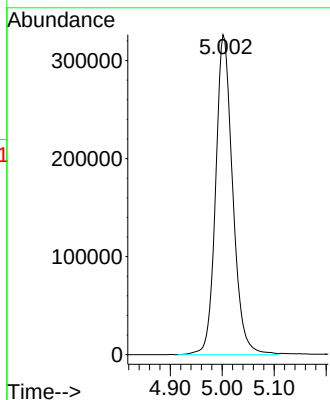
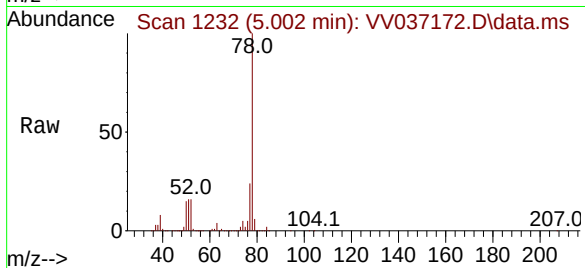




#33
Benzene
Concen: 43.663 ug/L
RT: 5.002 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

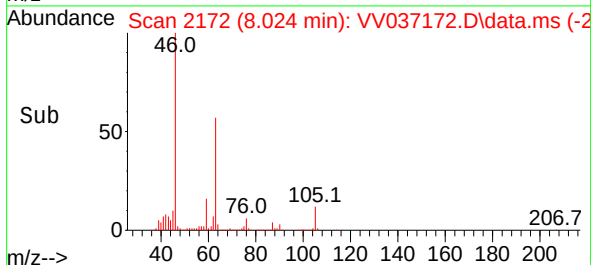
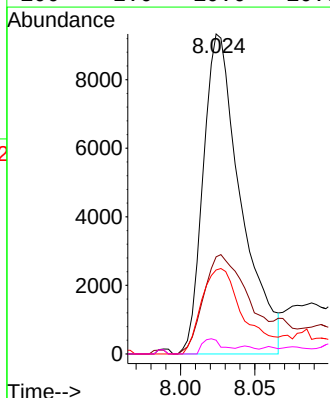
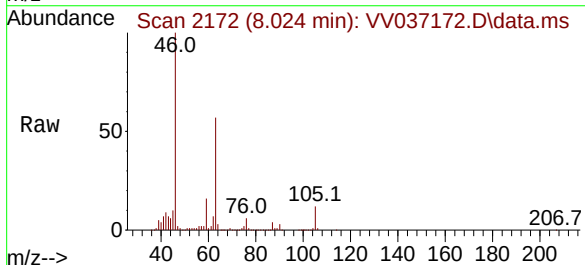
Instrument :
MSVOA_V
ClientSampleId :

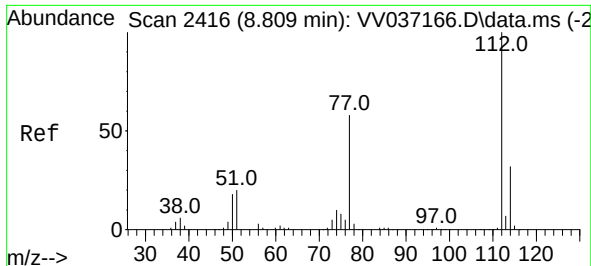
Tgt Ion: 78 Resp: 744512



#48
2-Hexanone
Concen: 4.577 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.048 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion: 43 Resp: 16450
Ion Ratio Lower Upper
43 100
58 36.6 46.0 69.0#
57 30.0 15.6 23.4#
100 2.0 10.6 16.0#





#51

Chlorobenzene

Concen: 365.623 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV037172.D

Acq: 29 Aug 2024 21:26

Instrument :

MSVOA_V

ClientSampleId :

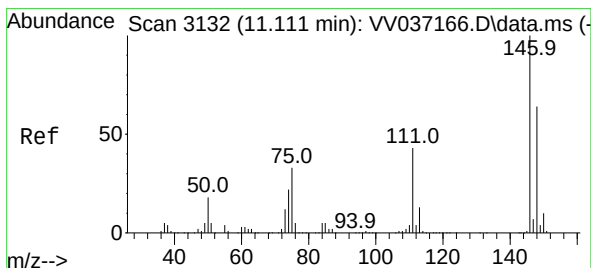
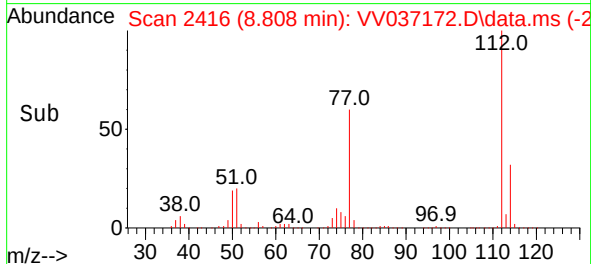
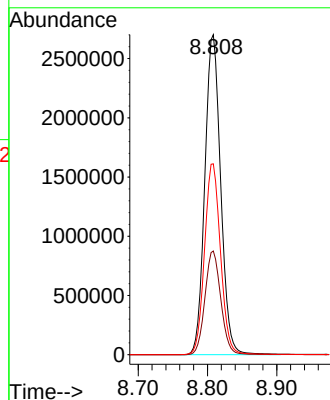
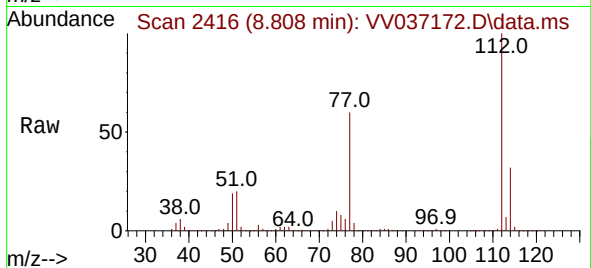
Tgt Ion:112 Resp: 4297376

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 59.7 47.8 71.8



#64

1,3-Dichlorobenzene

Concen: 22.516 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV037172.D

Acq: 29 Aug 2024 21:26

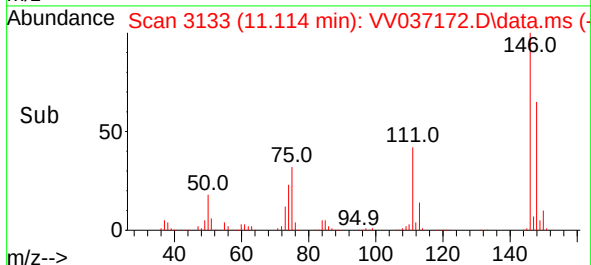
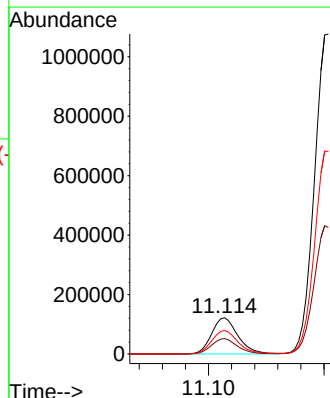
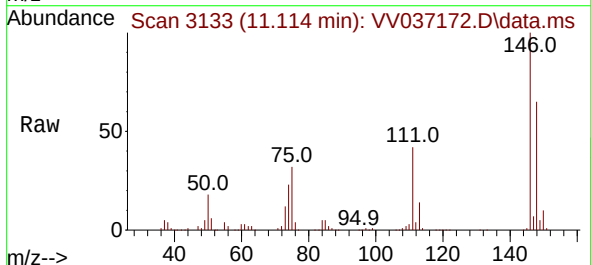
Tgt Ion:146 Resp: 192476

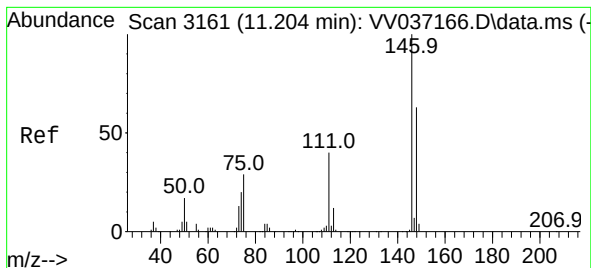
Ion Ratio Lower Upper

146 100

111 42.3 29.7 55.1

148 64.7 44.8 83.2





#65

1,4-Dichlorobenzene

Concen: 187.111 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

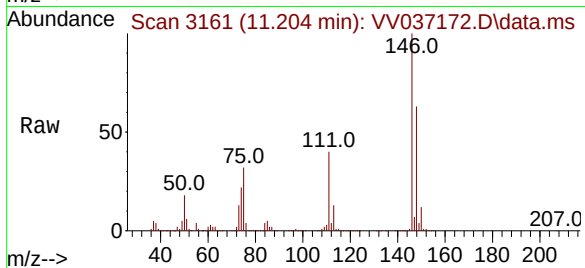
Lab File: VV037172.D

Acq: 29 Aug 2024 21:26

Instrument :

MSVOA_V

ClientSampleId :



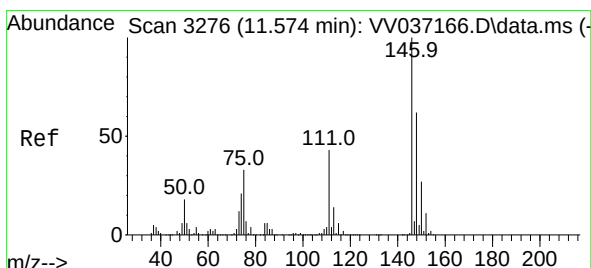
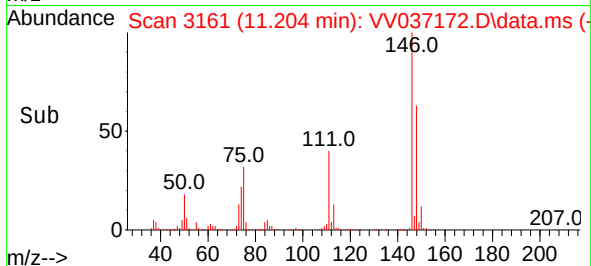
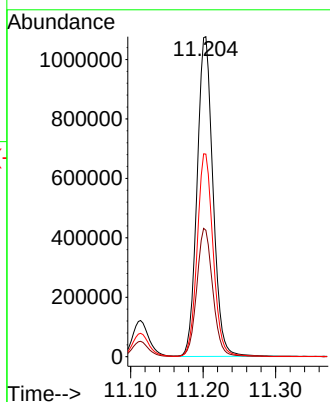
Tgt Ion:146 Resp: 1637070

Ion Ratio Lower Upper

146 100

111 39.5 28.1 52.1

148 63.3 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 238.385 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037172.D

Acq: 29 Aug 2024 21:26

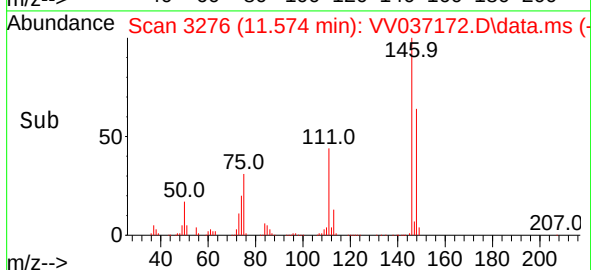
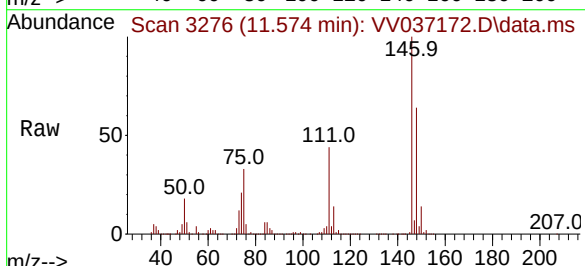
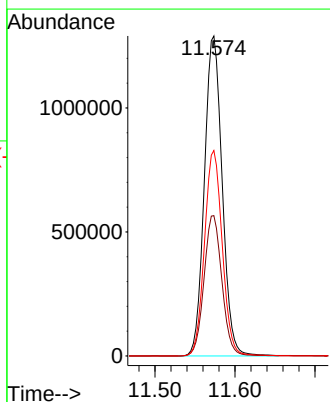
Tgt Ion:146 Resp: 2003703

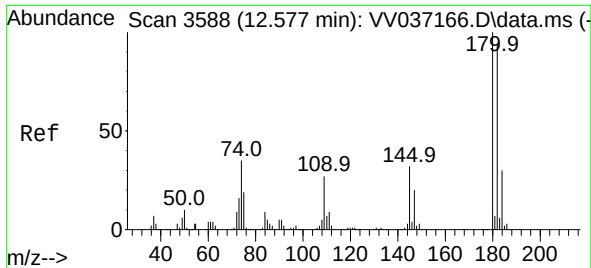
Ion Ratio Lower Upper

146 100

111 43.9 34.6 51.8

148 64.2 50.2 75.4





#69

1,3,5-Trichlorobenzene

Concen: 43.343 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.614 min

Lab File: VV037172.D

Acq: 29 Aug 2024 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 257806

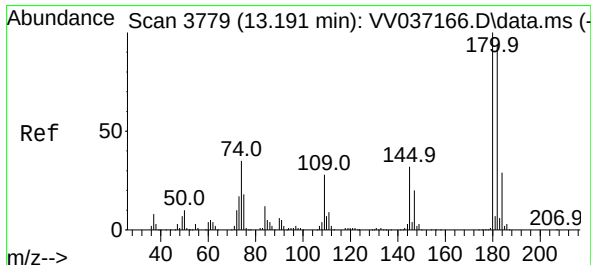
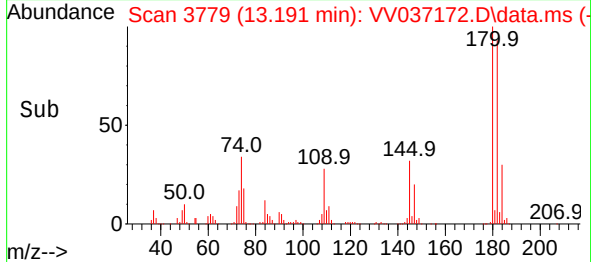
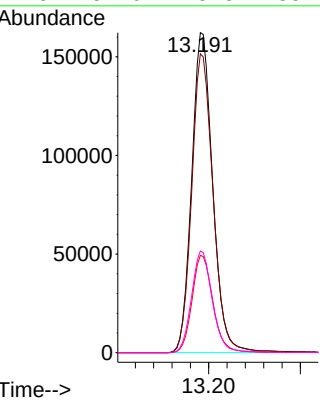
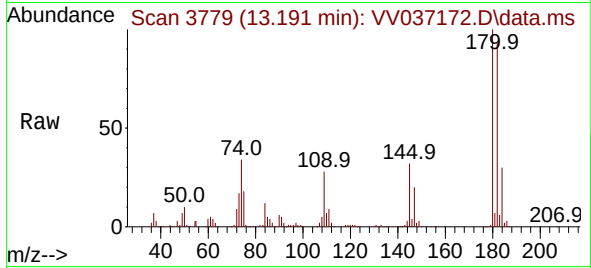
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

184 30.3 24.2 36.2

145 31.6 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 46.029 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037172.D

Acq: 29 Aug 2024 21:26

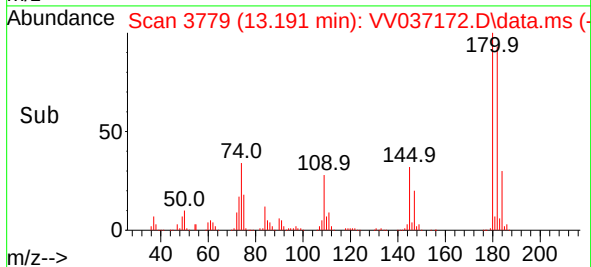
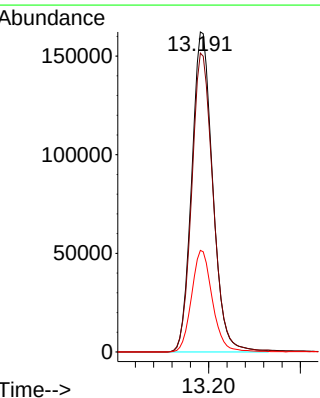
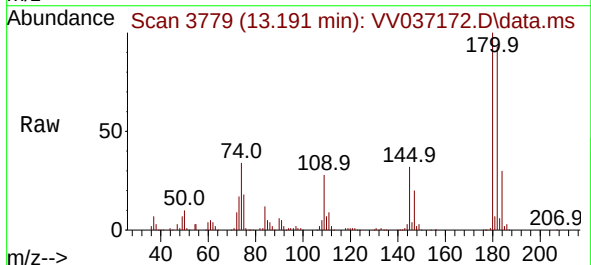
Tgt Ion:180 Resp: 257806

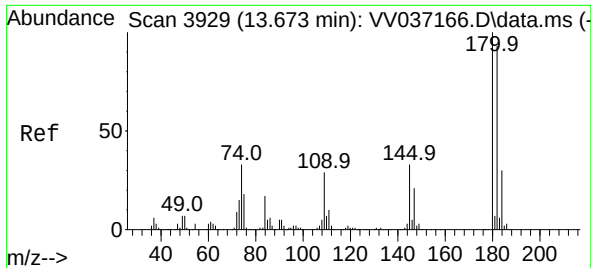
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 31.6 26.0 39.0





#72

1,2,3-Trichlorobenzene

Concen: 9.706 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

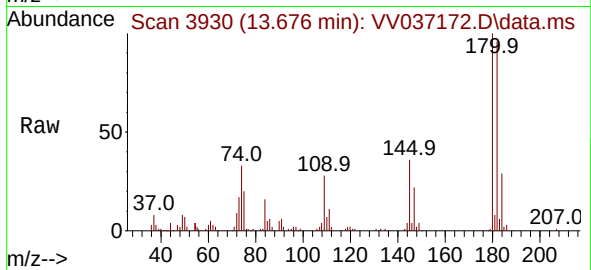
Lab File: VV037172.D

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MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 53571

Ion Ratio Lower Upper

180 100

182 97.1 75.1 112.7

145 35.9 27.0 40.4

