

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035372.D
 Acq On : 23 Apr 2024 19:47
 Operator : SY/MD
 Sample : P2158-11DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE1DL

Quant Time: Apr 23 23:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

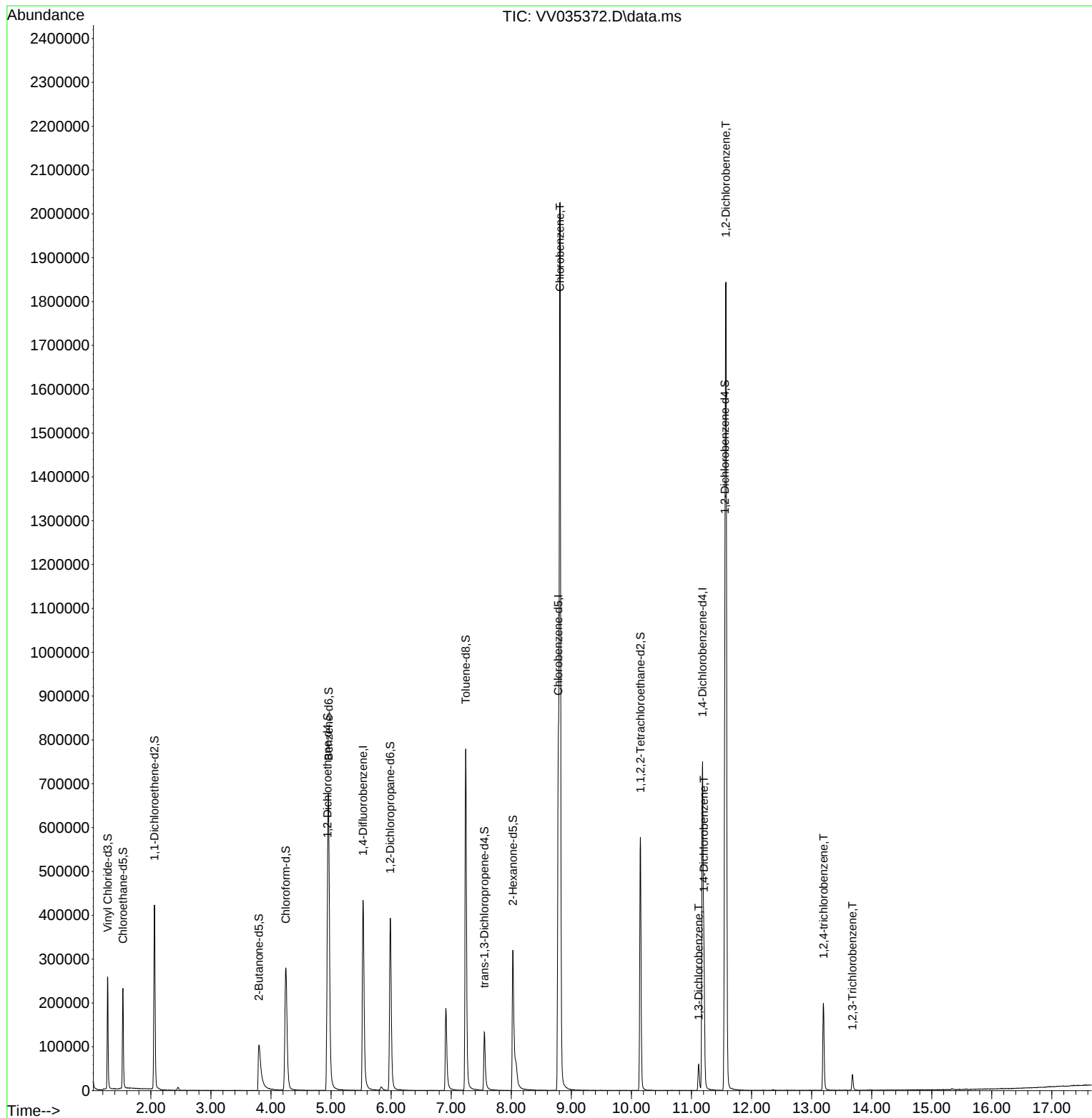
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	393614	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	172877	45.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.960%
7) Chloroethane-d5	1.535	69	145516	44.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.140%
11) 1,1-Dichloroethene-d2	2.060	65	71954	43.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.360%
21) 2-Butanone-d5	3.799	46	196262	87.054	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.050%
24) Chloroform-d	4.246	84	314697	49.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
26) 1,2-Dichloroethane-d4	4.940	65	195290	48.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	4.960	84	624333	46.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
36) 1,2-Dichloropropane-d6	5.985	67	203114	47.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.600%
41) Toluene-d8	7.243	98	537846	44.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.340%
43) trans-1,3-Dichloroprop...	7.551	79	84427	40.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.900%
47) 2-Hexanone-d5	8.027	63	110418	68.016	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	285146	48.225	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	224813	52.534	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.060%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.812	112	1091476	122.545	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	26621	4.146	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	128378	19.660	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	663737	103.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	64788	15.241	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	12422	2.964	ug/L	99

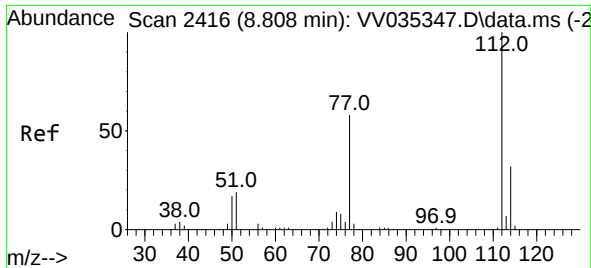
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
Data File : VV035372.D
Acq On : 23 Apr 2024 19:47
Operator : SY/MD
Sample : P2158-11DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MCORE1DL

Quant Time: Apr 23 23:32:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration

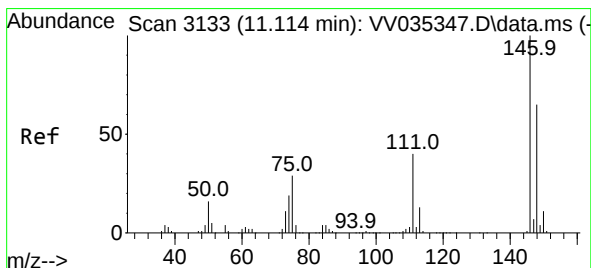
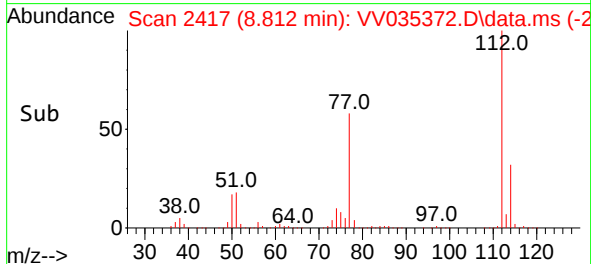
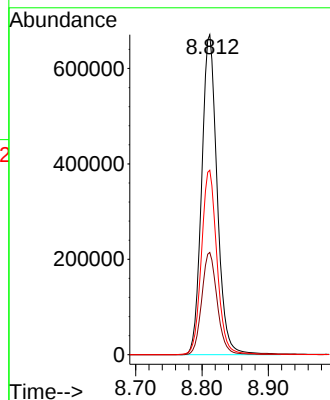
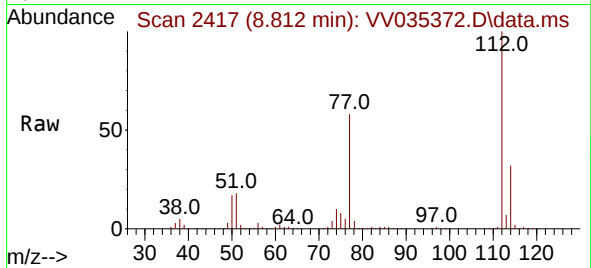




#51
Chlorobenzene
Concen: 122.545 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV035372.D
Acq: 23 Apr 2024 19:47

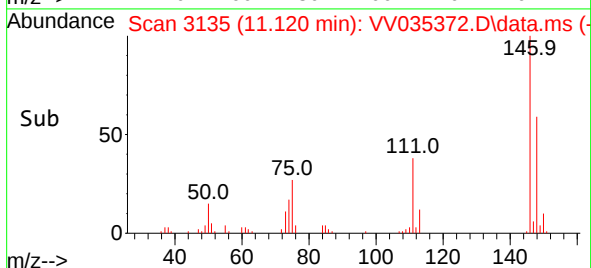
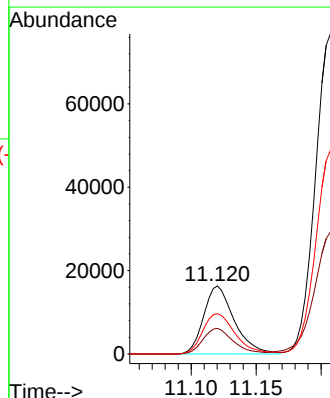
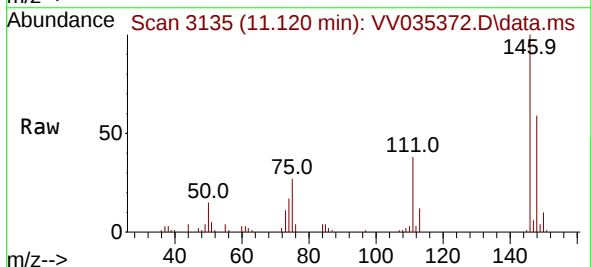
Instrument :
MSVOA_V
ClientSampleId :
MC0RE1DL

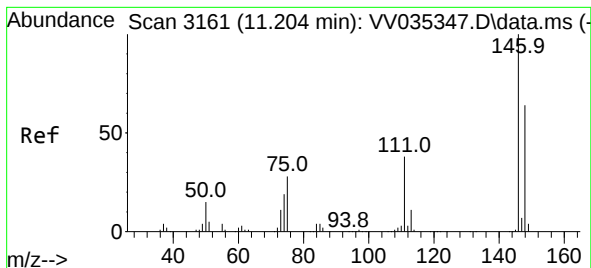
Tgt Ion:112 Resp: 1091476
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 57.7 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 4.146 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV035372.D
Acq: 23 Apr 2024 19:47

Tgt Ion:146 Resp: 26621
Ion Ratio Lower Upper
146 100
111 37.7 28.7 53.3
148 59.2 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 19.660 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

MC0RE1DL

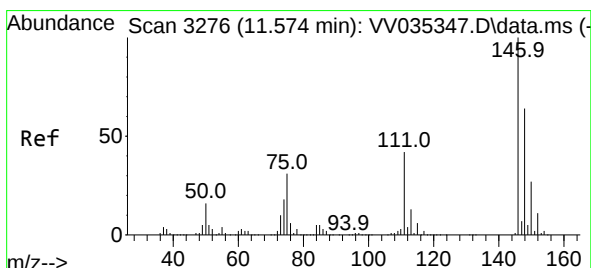
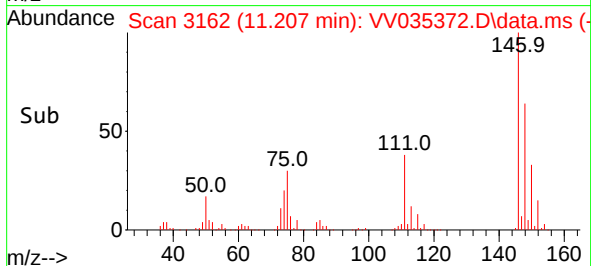
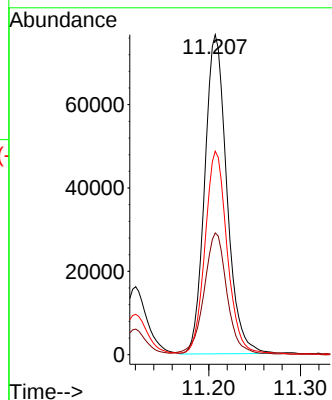
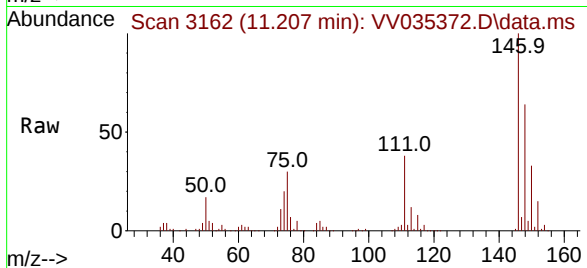
Tgt Ion:146 Resp: 128378

Ion Ratio Lower Upper

146 100

111 38.1 27.4 50.8

148 63.6 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 103.763 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

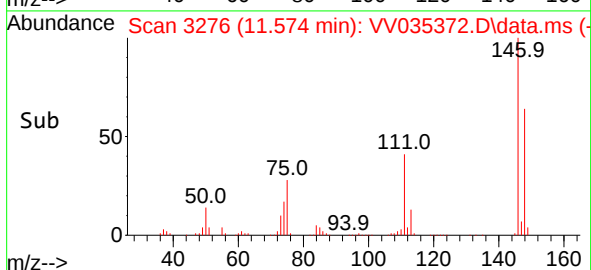
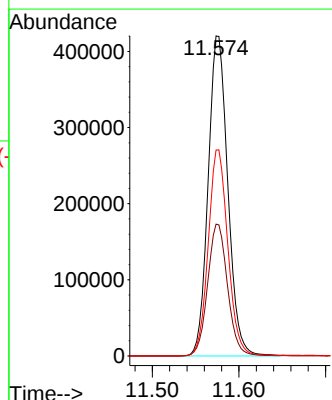
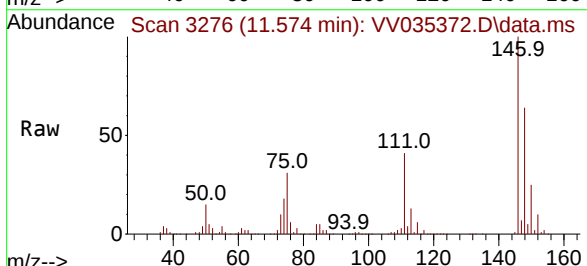
Tgt Ion:146 Resp: 663737

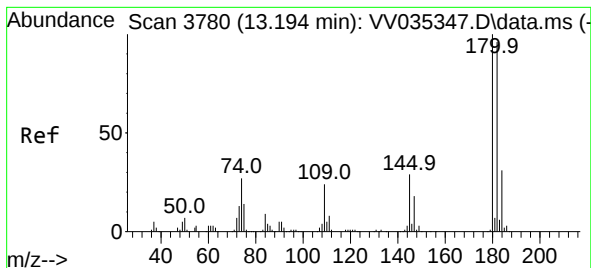
Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 64.4 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 15.241 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

MC0RE1DL

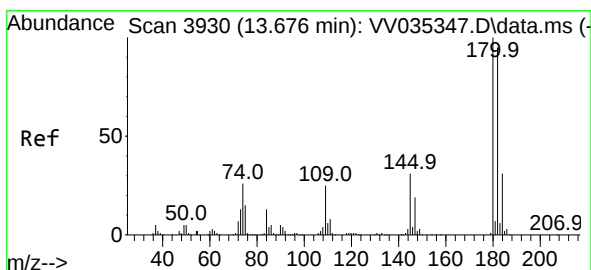
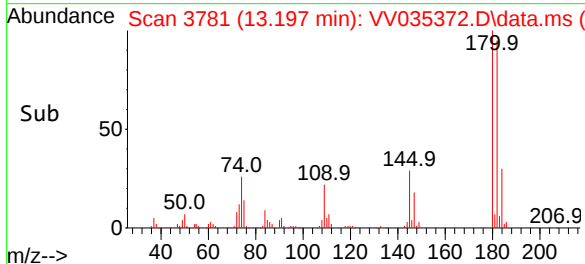
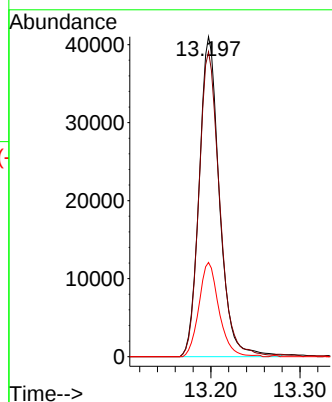
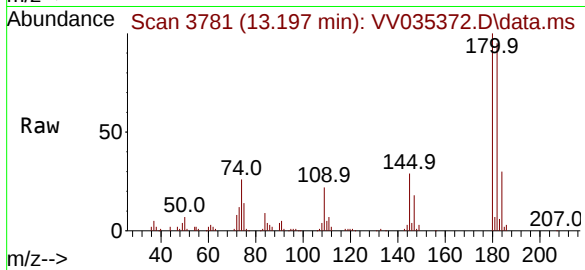
Tgt Ion:180 Resp: 64788

Ion Ratio Lower Upper

180 100

182 96.9 75.6 113.4

145 29.0 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 2.964 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

Tgt Ion:180 Resp: 12422

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 30.2 25.8 38.6

