

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034789.D
 Acq On : 21 Mar 2024 15:12
 Operator : SY/MD
 Sample : P1757-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B80

Quant Time: Mar 22 02:03:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

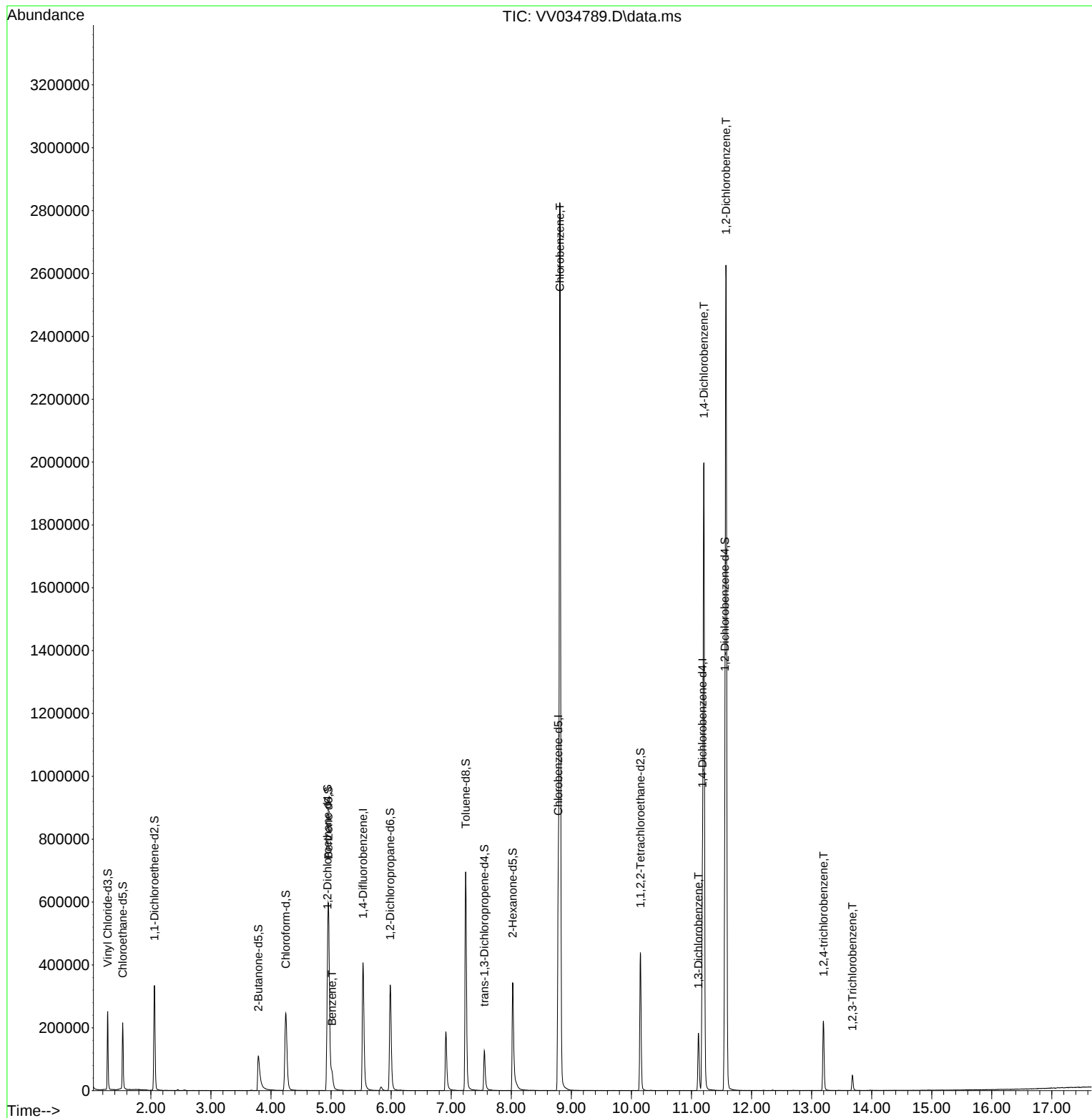
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	348137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	155694	51.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.180%	
7) Chloroethane-d5	1.532	69	125583	53.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.820%	
11) 1,1-Dichloroethene-d2	2.059	65	58402	42.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.580%	
21) 2-Butanone-d5	3.789	46	191278	94.775	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 94.770%	
24) Chloroform-d	4.246	84	265441	49.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.480%	
26) 1,2-Dichloroethane-d4	4.940	65	180897	51.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.760%	
32) Benzene-d6	4.956	84	524453	52.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.040%	
36) 1,2-Dichloropropane-d6	5.985	67	161177	52.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.780%	
41) Toluene-d8	7.243	98	463556	51.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.600%	
43) trans-1,3-Dichloroprop...	7.551	79	75933	49.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 99.240%	
47) 2-Hexanone-d5	8.024	63	120685	79.312	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 79.310%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	203825	50.828	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.660%	
66) 1,2-Dichlorobenzene-d4	11.557	152	178356	53.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.020%	
Target Compounds						
					Qvalue	
33) Benzene	5.014	78	60504	5.892	ug/L	100
51) Chlorobenzene	8.812	112	1442693	205.327	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	73652	13.813	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	754134	139.273	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	950528	177.902	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	64275	17.858	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	13998	3.987	ug/L	92

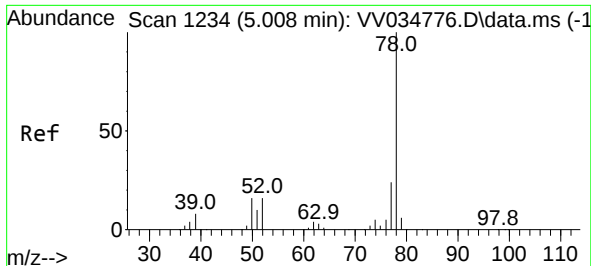
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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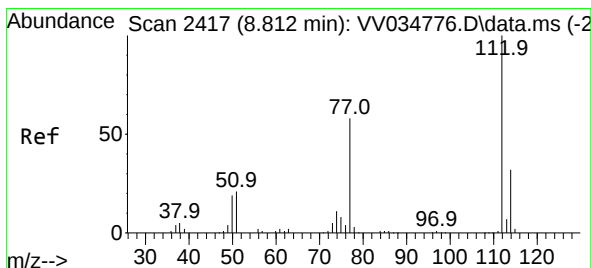
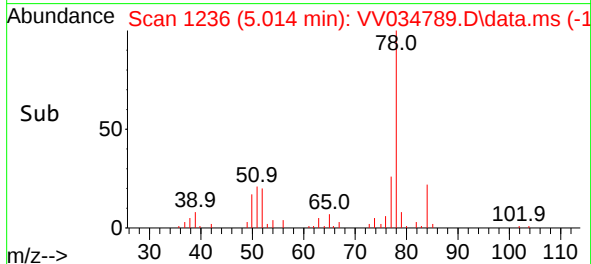
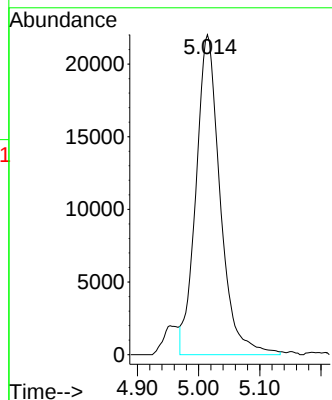
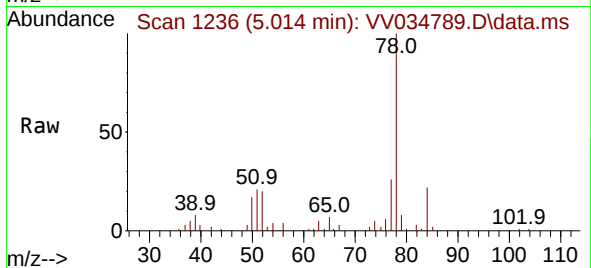




#33
Benzene
Concen: 5.892 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034789.D
Acq: 21 Mar 2024 15:12

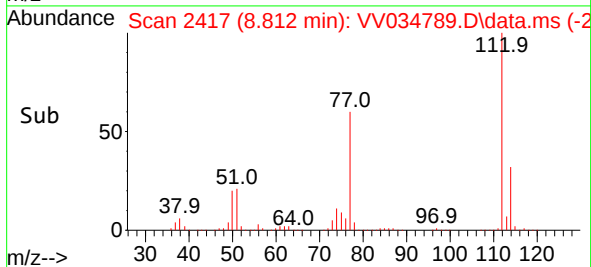
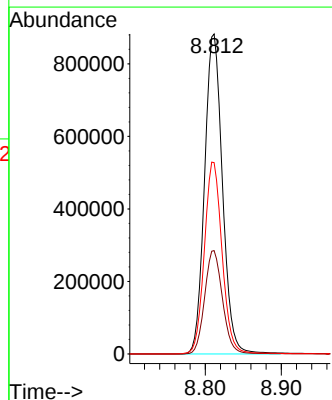
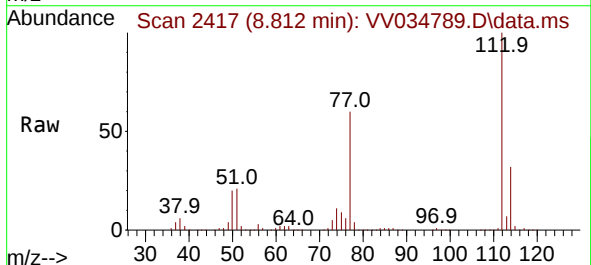
Instrument :
MSVOA_V
ClientSampleId :
C0B80

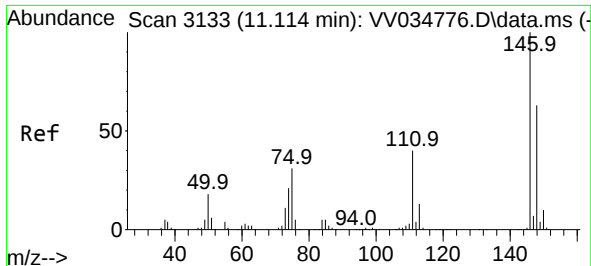
Tgt Ion: 78 Resp: 60504



#51
Chlorobenzene
Concen: 205.327 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034789.D
Acq: 21 Mar 2024 15:12

Tgt Ion: 112 Resp: 1442693
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 59.8 47.7 71.5

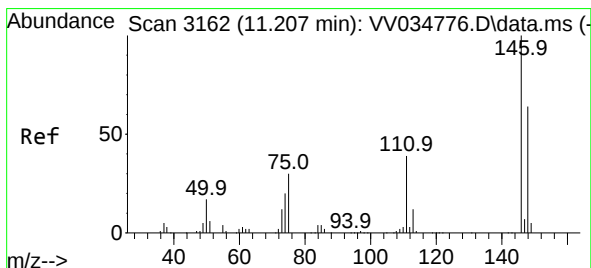
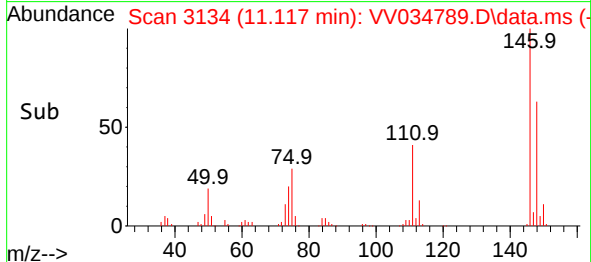
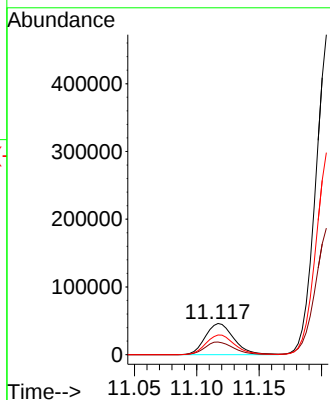
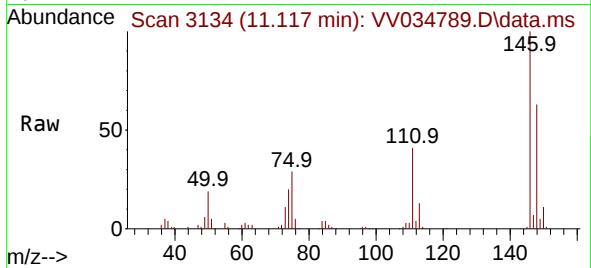




#64
1,3-Dichlorobenzene
Concen: 13.813 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV034789.D
Acq: 21 Mar 2024 15:12

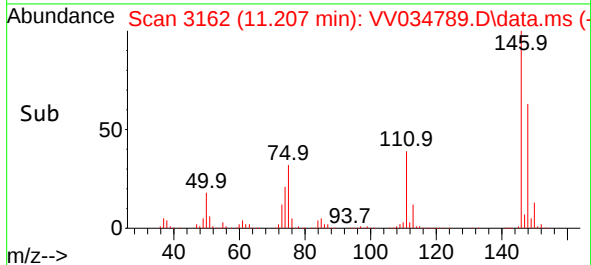
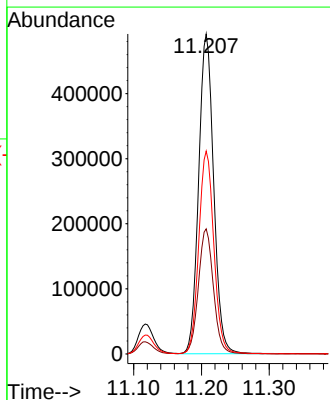
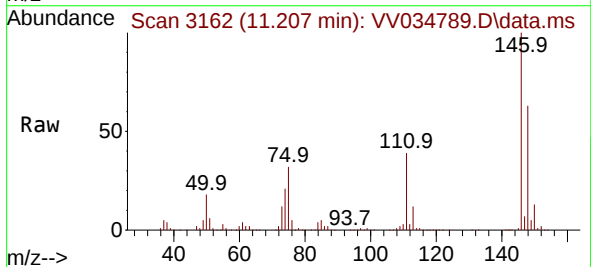
Instrument :
MSVOA_V
ClientSampleId :
COB80

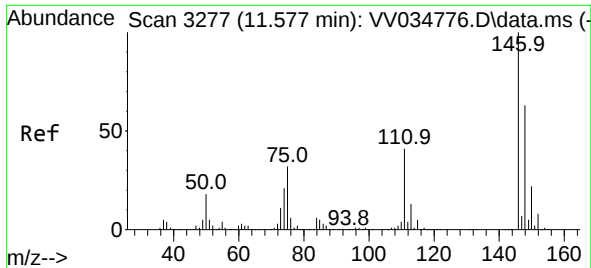
Tgt Ion:146 Resp: 73652
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.7
148 63.1 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 139.273 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034789.D
Acq: 21 Mar 2024 15:12

Tgt Ion:146 Resp: 754134
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.1
148 63.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 177.902 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :

COB80

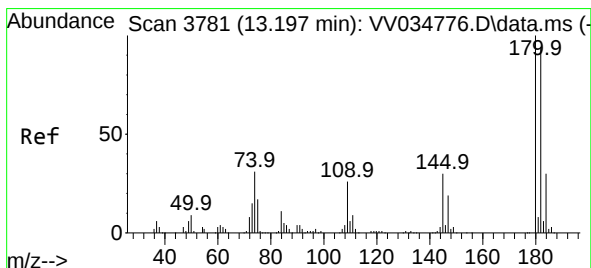
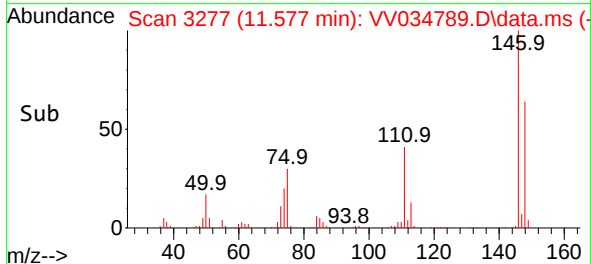
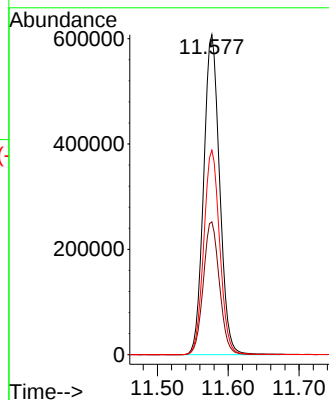
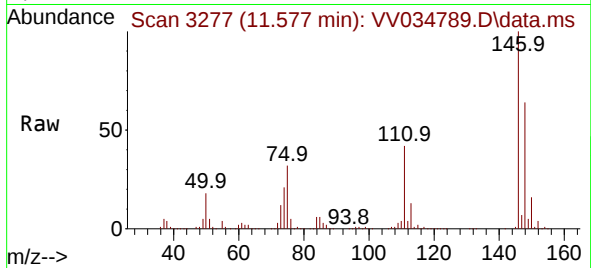
Tgt Ion:146 Resp: 950528

Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.8

148 63.9 51.3 76.9



#70

1,2,4-trichlorobenzene

Concen: 17.858 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

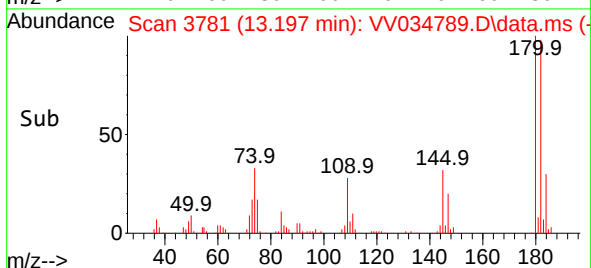
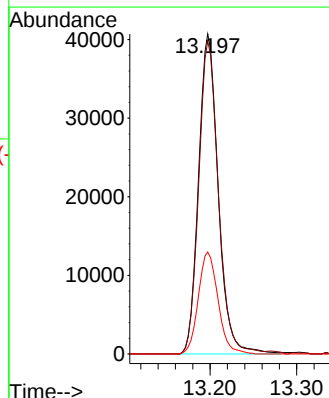
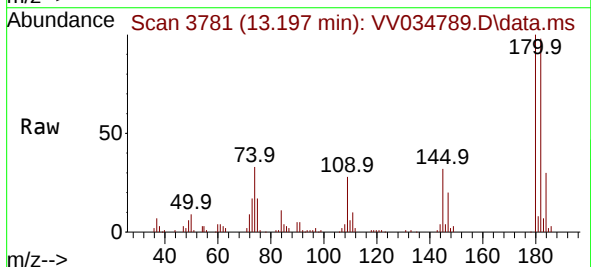
Tgt Ion:180 Resp: 64275

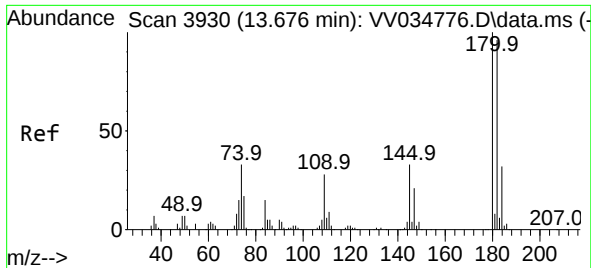
Ion Ratio Lower Upper

180 100

182 97.5 74.8 112.2

145 31.9 24.2 36.4





#72
 1,2,3-Trichlorobenzene
 Concen: 3.987 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV034789.D
 Acq: 21 Mar 2024 15:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B80

Tgt Ion:	180	Resp:	13998
Ion Ratio	Lower	Upper	
180	100		
182	104.9	75.9	113.9
145	32.6	25.5	38.3

