

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035344.D
 Acq On : 22 Apr 2024 19:30
 Operator : SY/MD
 Sample : P2158-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD2

Quant Time: Apr 23 00:34:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

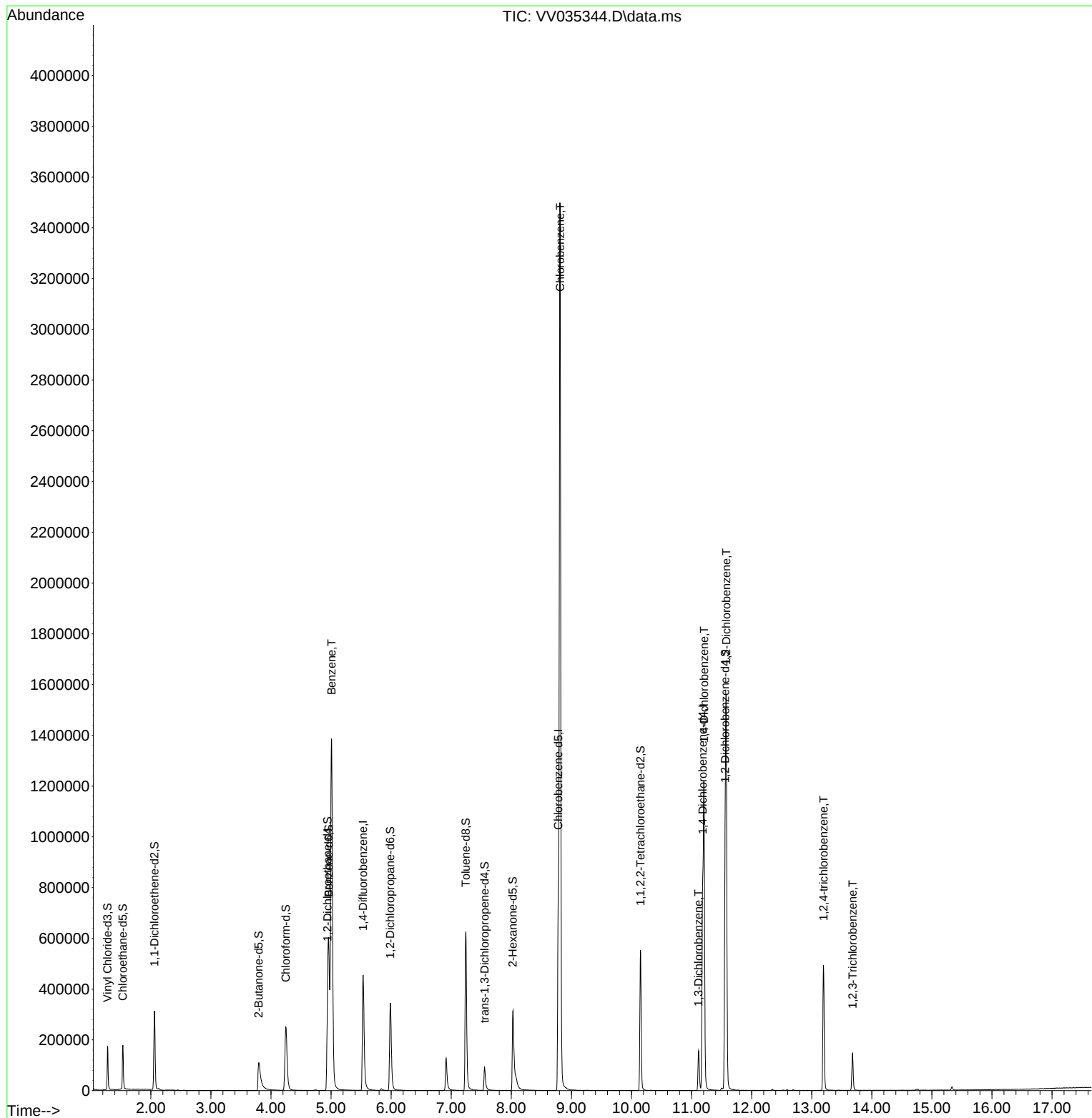
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	405012	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	412306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113852	29.108	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	58.220%#	
7) Chloroethane-d5	1.532	69	111321	32.767	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	65.540%#	
11) 1,1-Dichloroethene-d2	2.060	65	53043	30.937	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.880%	
21) 2-Butanone-d5	3.796	46	197667	85.209	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	85.210%	
24) Chloroform-d	4.246	84	277128	42.140	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.280%	
26) 1,2-Dichloroethane-d4	4.940	65	176309	42.227	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.460%	
32) Benzene-d6	4.960	84	529070	38.201	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.400%	
36) 1,2-Dichloropropane-d6	5.985	67	178417	40.569	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	81.140%	
41) Toluene-d8	7.243	98	443648	35.570	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	71.140%#	
43) trans-1,3-Dichloroprop...	7.554	79	59439	27.801	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	55.600%#	
47) 2-Hexanone-d5	8.024	63	105333	63.348	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	63.350%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	267023	44.090	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.180%	
66) 1,2-Dichlorobenzene-d4	11.558	152	203432	46.548	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.100%	
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	1465518	109.003	ug/L	100
51) Chlorobenzene	8.812	112	1875036	205.534	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	67762	10.333	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	469895	70.461	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	555179	84.983	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	159485	36.736	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	46013	10.752	ug/L	98

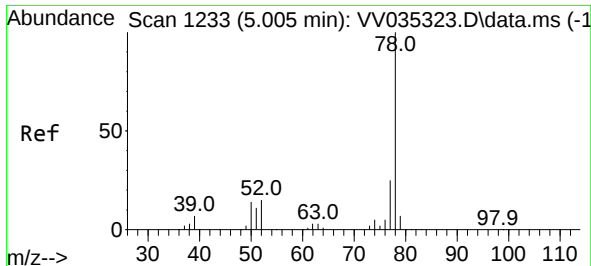
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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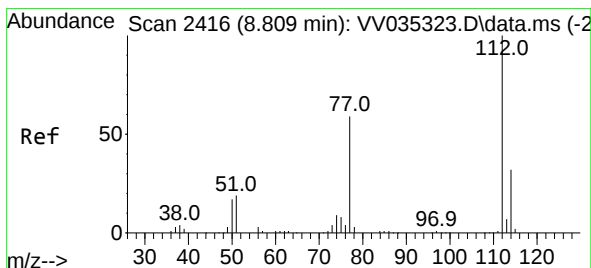
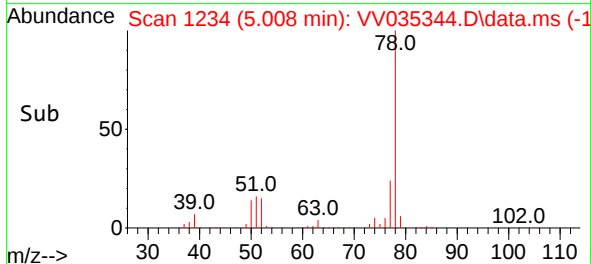
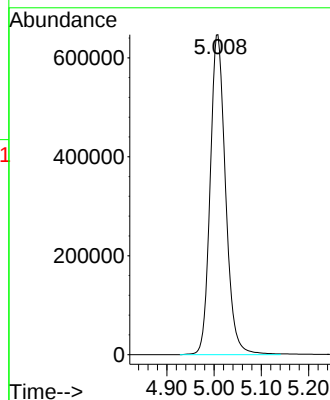
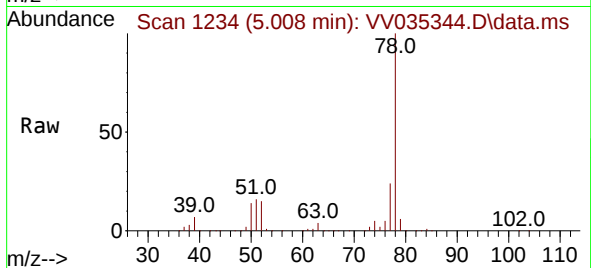




#33
Benzene
Concen: 109.003 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035344.D
Acq: 22 Apr 2024 19:30

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MSVOA_V
ClientSampleId :
MC0RD2

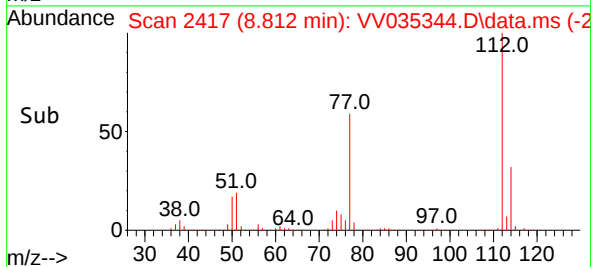
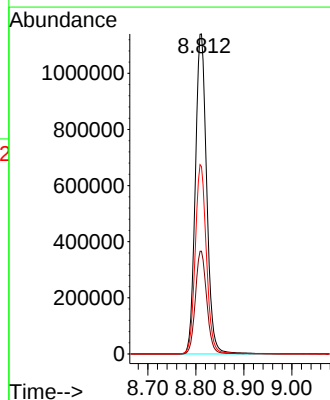
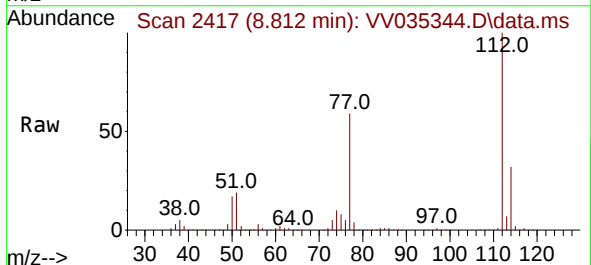
Tgt Ion: 78 Resp: 1465518

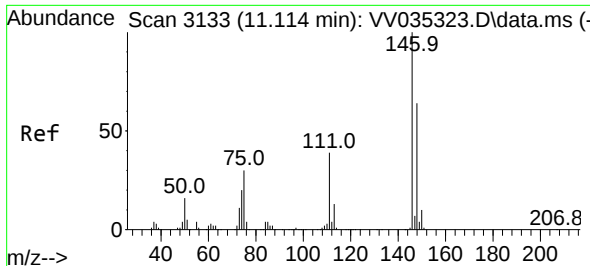


#51
Chlorobenzene
Concen: 205.534 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035344.D
Acq: 22 Apr 2024 19:30

Tgt Ion: 112 Resp: 1875036

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	41.0
77	58.5	47.4	71.2

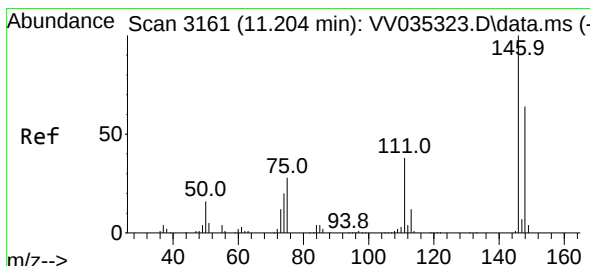
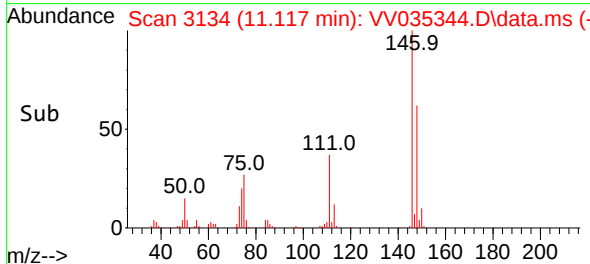
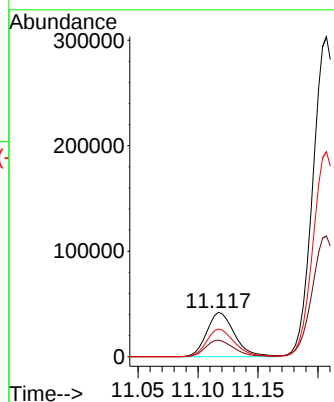
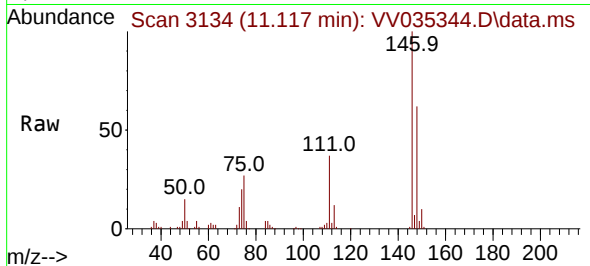




#64
1,3-Dichlorobenzene
Concen: 10.333 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035344.D
Acq: 22 Apr 2024 19:30

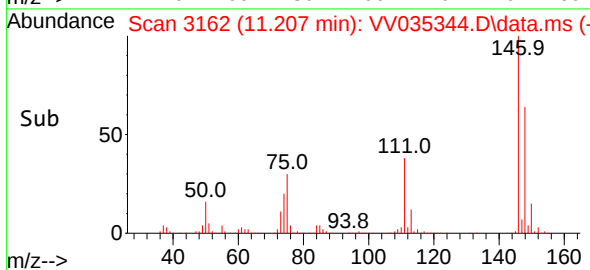
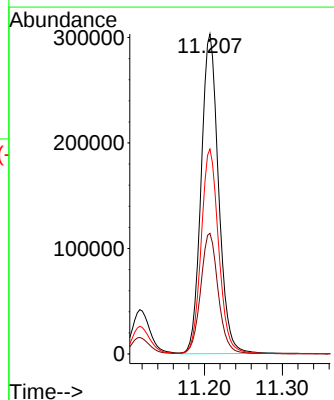
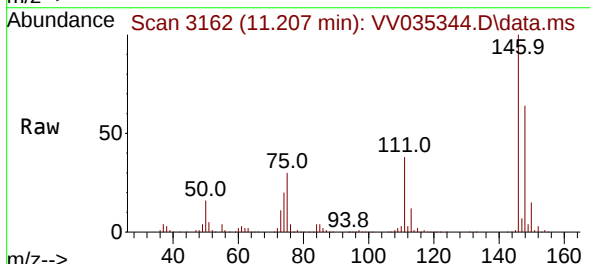
Instrument :
MSVOA_V
ClientSampleId :
MCO2

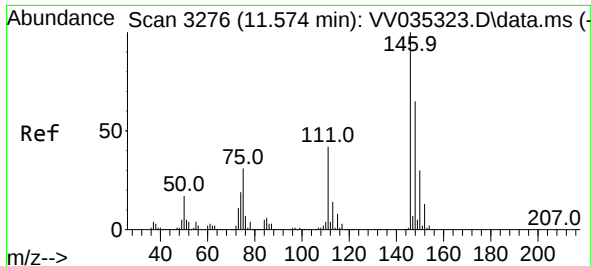
Tgt Ion:146 Resp: 67762
Ion Ratio Lower Upper
146 100
111 37.2 28.7 53.3
148 62.4 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 70.461 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035344.D
Acq: 22 Apr 2024 19:30

Tgt Ion:146 Resp: 469895
Ion Ratio Lower Upper
146 100
111 37.7 27.4 50.8
148 64.0 44.2 82.2

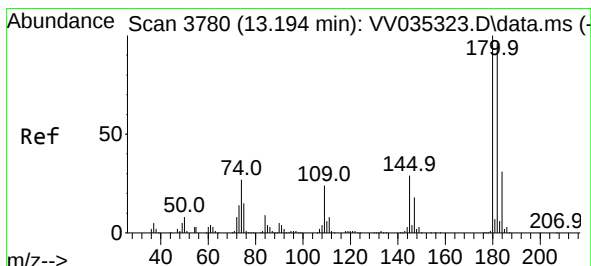
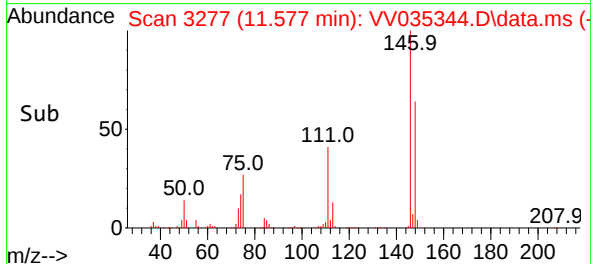
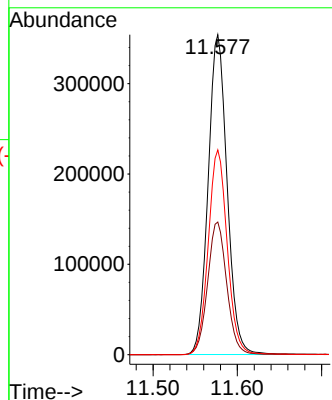
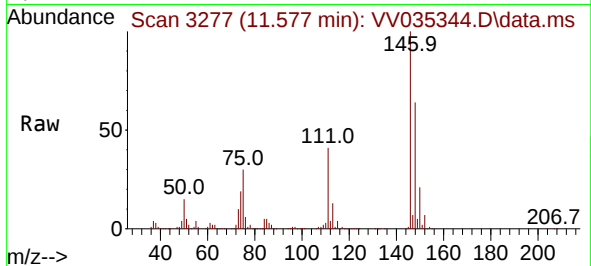




#67
1,2-Dichlorobenzene
Concen: 84.983 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035344.D
Acq: 22 Apr 2024 19:30

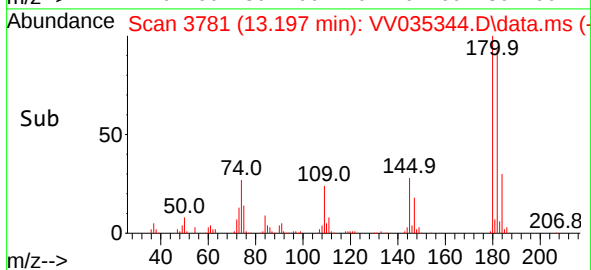
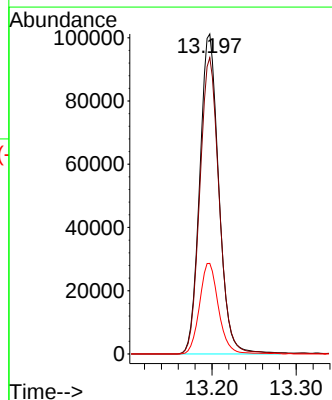
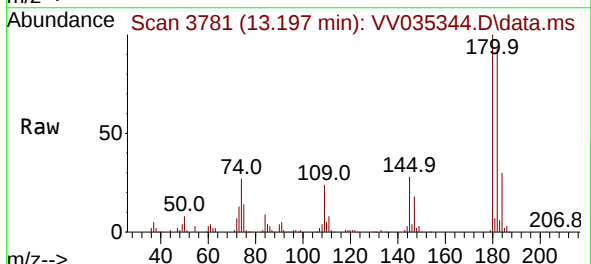
Instrument :
MSVOA_V
ClientSampleId :
MCCORD2

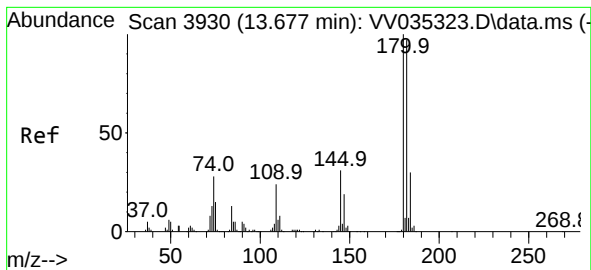
Tgt Ion:146 Resp: 555179
Ion Ratio Lower Upper
146 100
111 41.4 34.6 52.0
148 64.0 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 36.736 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035344.D
Acq: 22 Apr 2024 19:30

Tgt Ion:180 Resp: 159485
Ion Ratio Lower Upper
180 100
182 93.9 75.6 113.4
145 28.2 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 10.752 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035344.D

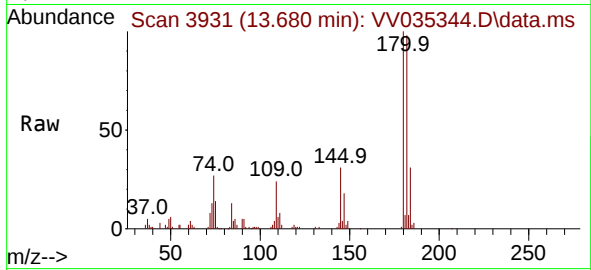
Acq: 22 Apr 2024 19:30

Instrument :

MSVOA_V

ClientSampleId :

MC0RD2



Tgt Ion:180 Resp: 46013

Ion Ratio Lower Upper

180 100

182 96.9 76.2 114.2

145 30.8 25.8 38.6

