

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035327.D
 Acq On : 22 Apr 2024 12:57
 Operator : SY/MD
 Sample : P2182-10 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD7

Quant Time: Apr 23 00:29:34 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)

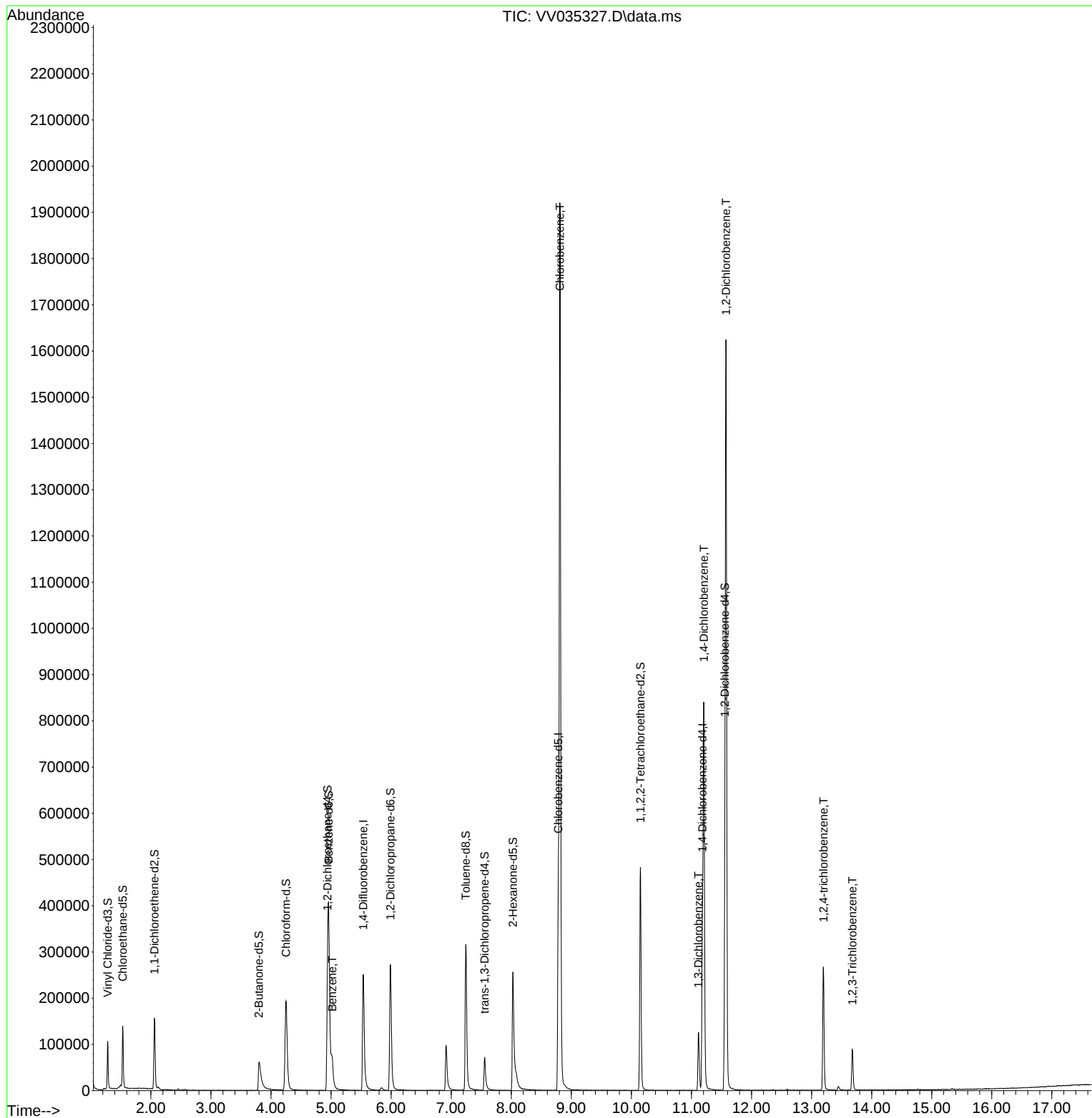
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	228417	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	213465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	88247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67834	30.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.500%
7) Chloroethane-d5	1.532	69	80585	42.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.120%
11) 1,1-Dichloroethene-d2	2.060	65	27213	28.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.280%#
21) 2-Butanone-d5	3.799	46	92903	71.010	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.010%
24) Chloroform-d	4.249	84	209511	56.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.980%
26) 1,2-Dichloroethane-d4	4.941	65	156063	66.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.560%#
32) Benzene-d6	4.960	84	339169	47.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.989	67	139306	61.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.360%#
41) Toluene-d8	7.243	98	226590	35.089	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.180%#
43) trans-1,3-Dichloroprop...	7.558	79	46446	41.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.920%
47) 2-Hexanone-d5	8.027	63	86566	100.556	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	240125	76.582	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	153.160%#
66) 1,2-Dichlorobenzene-d4	11.558	152	104010	52.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.980%
Target Compounds						
					Qvalue	
33) Benzene	5.018	78	78687	11.304	ug/L	100
51) Chlorobenzene	8.812	112	1032852	218.678	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	53031	17.837	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	333233	110.220	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	616338	208.105	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	83156	42.250	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	28986	14.941	ug/L	99

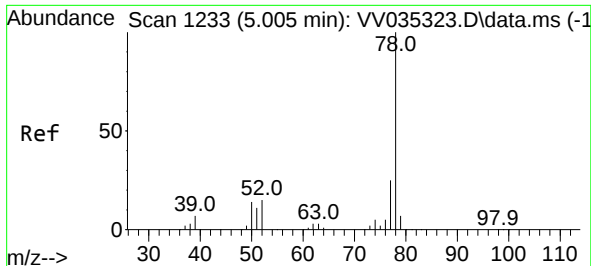
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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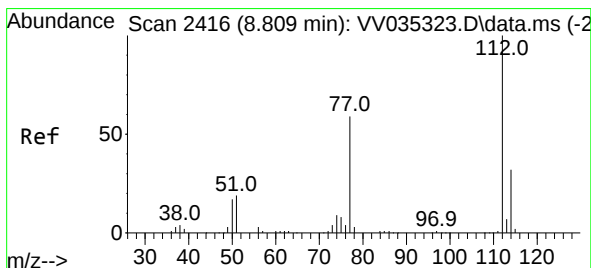
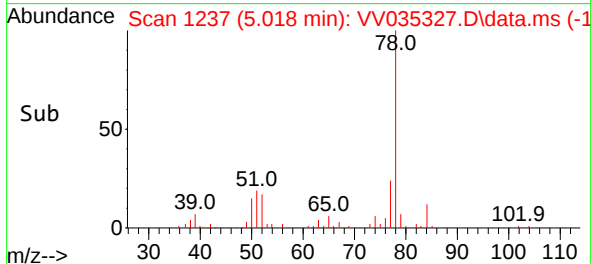
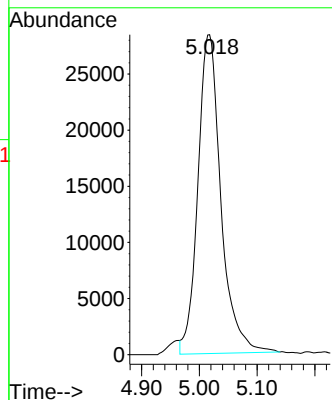
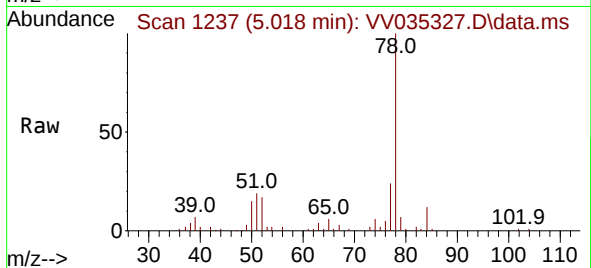




#33
Benzene
Concen: 11.304 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV035327.D
Acq: 22 Apr 2024 12:57

Instrument :
MSVOA_V
ClientSampleId :
MC0RD7

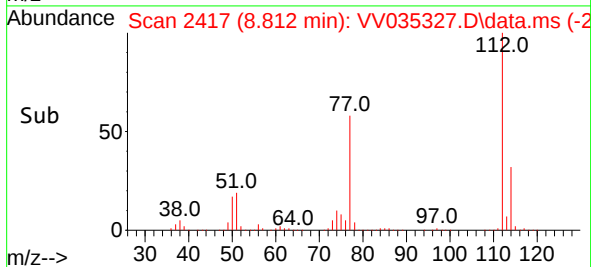
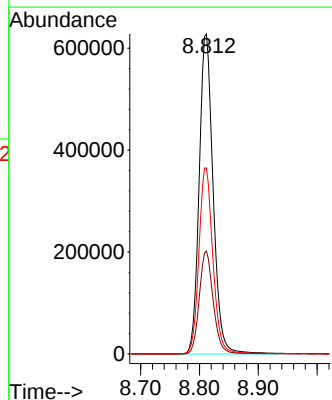
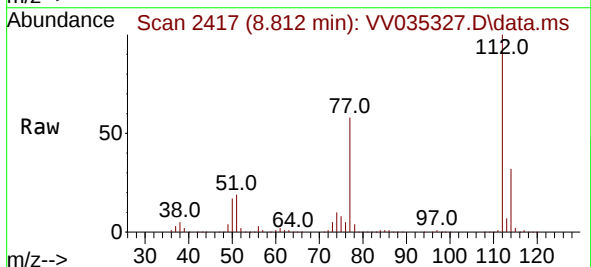
Tgt Ion: 78 Resp: 78687

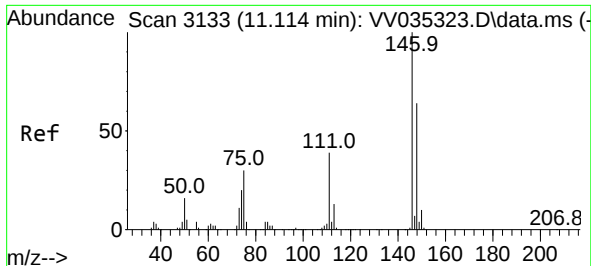


#51
Chlorobenzene
Concen: 218.678 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035327.D
Acq: 22 Apr 2024 12:57

Tgt Ion: 112 Resp: 1032852

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	41.0
77	58.2	47.4	71.2

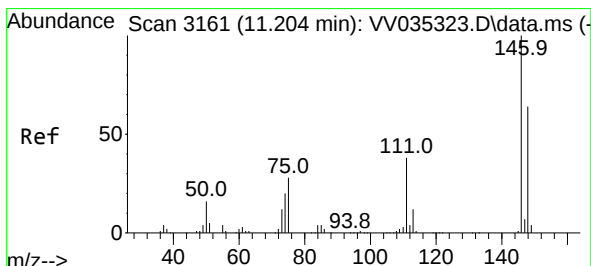
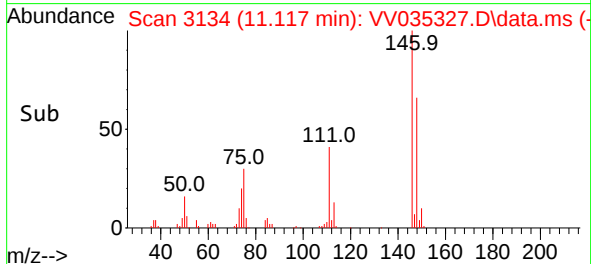
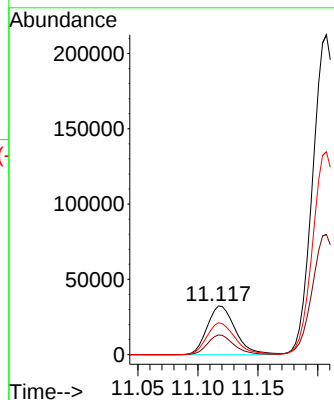
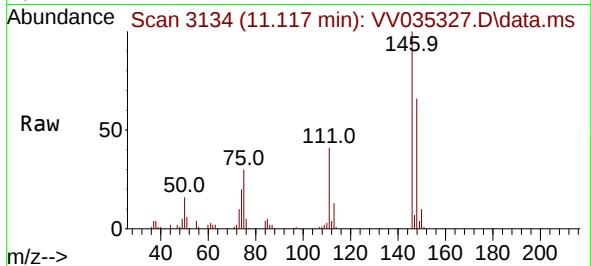




#64
1,3-Dichlorobenzene
Concen: 17.837 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035327.D
Acq: 22 Apr 2024 12:57

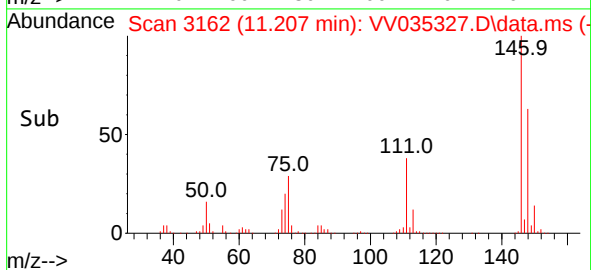
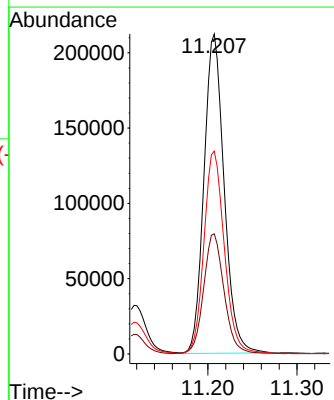
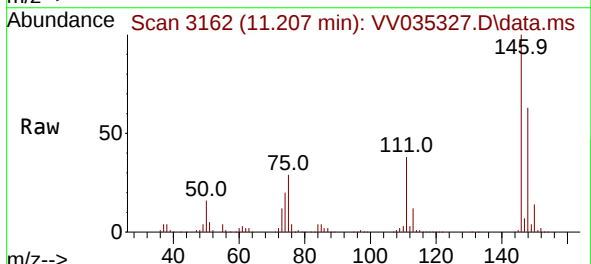
Instrument :
MSVOA_V
ClientSampleId :
MCD07

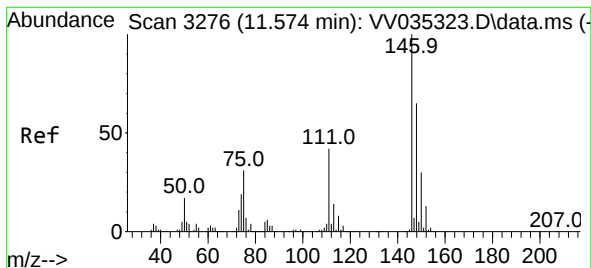
Tgt Ion:146 Resp: 53031
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 65.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 110.220 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035327.D
Acq: 22 Apr 2024 12:57

Tgt Ion:146 Resp: 333233
Ion Ratio Lower Upper
146 100
111 37.6 27.4 50.8
148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 208.105 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035327.D

Acq: 22 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :

MC0RD7

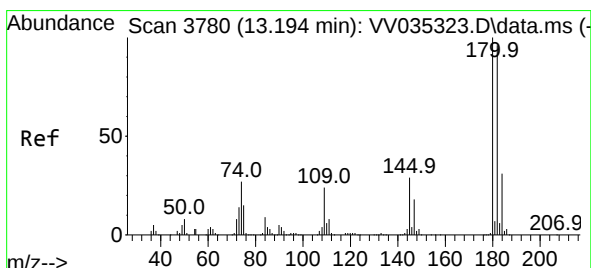
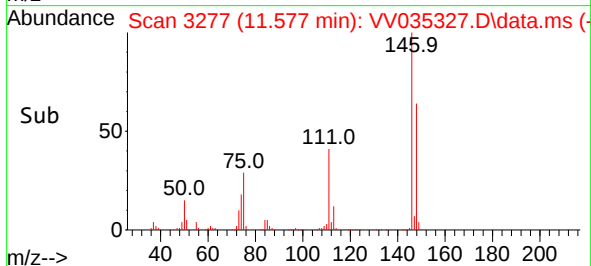
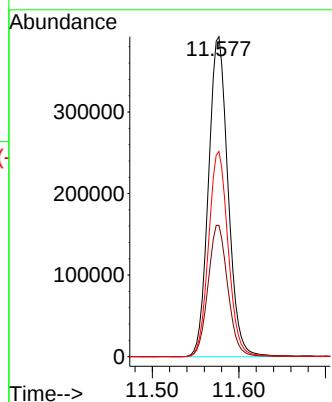
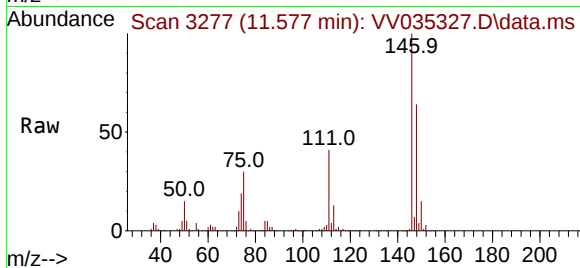
Tgt Ion:146 Resp: 616338

Ion Ratio Lower Upper

146 100

111 41.1 34.6 52.0

148 64.1 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 42.250 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035327.D

Acq: 22 Apr 2024 12:57

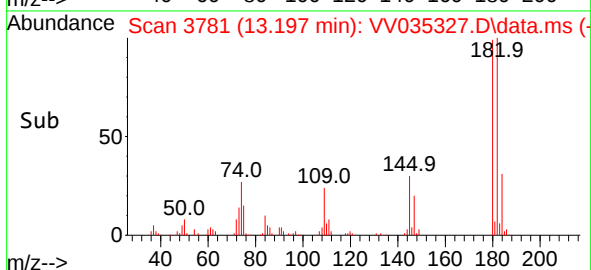
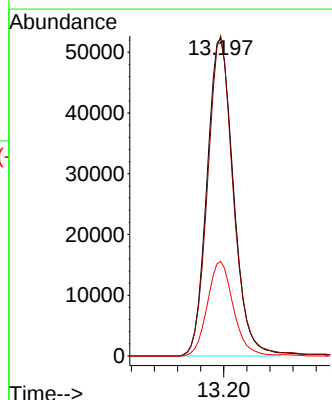
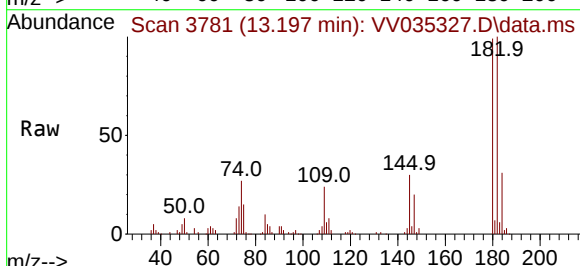
Tgt Ion:180 Resp: 83156

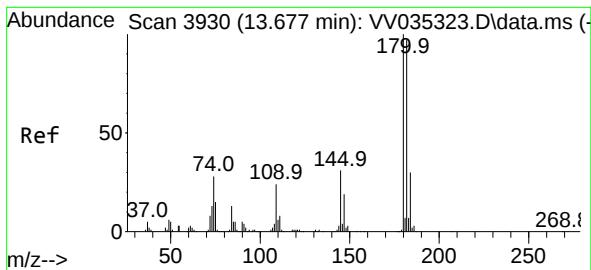
Ion Ratio Lower Upper

180 100

182 97.3 75.6 113.4

145 29.1 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 14.941 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035327.D

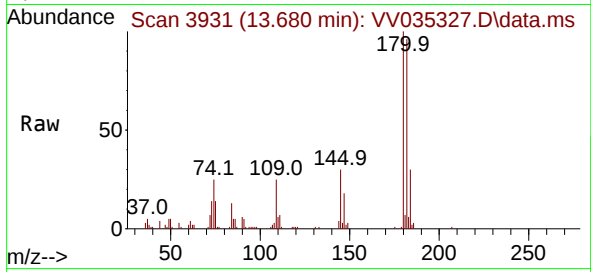
Acq: 22 Apr 2024 12:57

Instrument :

MSVOA_V

ClientSampleId :

MC0RD7



Tgt Ion:	180	Resp:	28986
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.2	114.2
145	30.5	25.8	38.6

