

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035087.D
 Acq On : 09 Apr 2024 17:03
 Operator : SY/MD
 Sample : P2006-11DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORF0DL

Quant Time: Apr 10 04:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

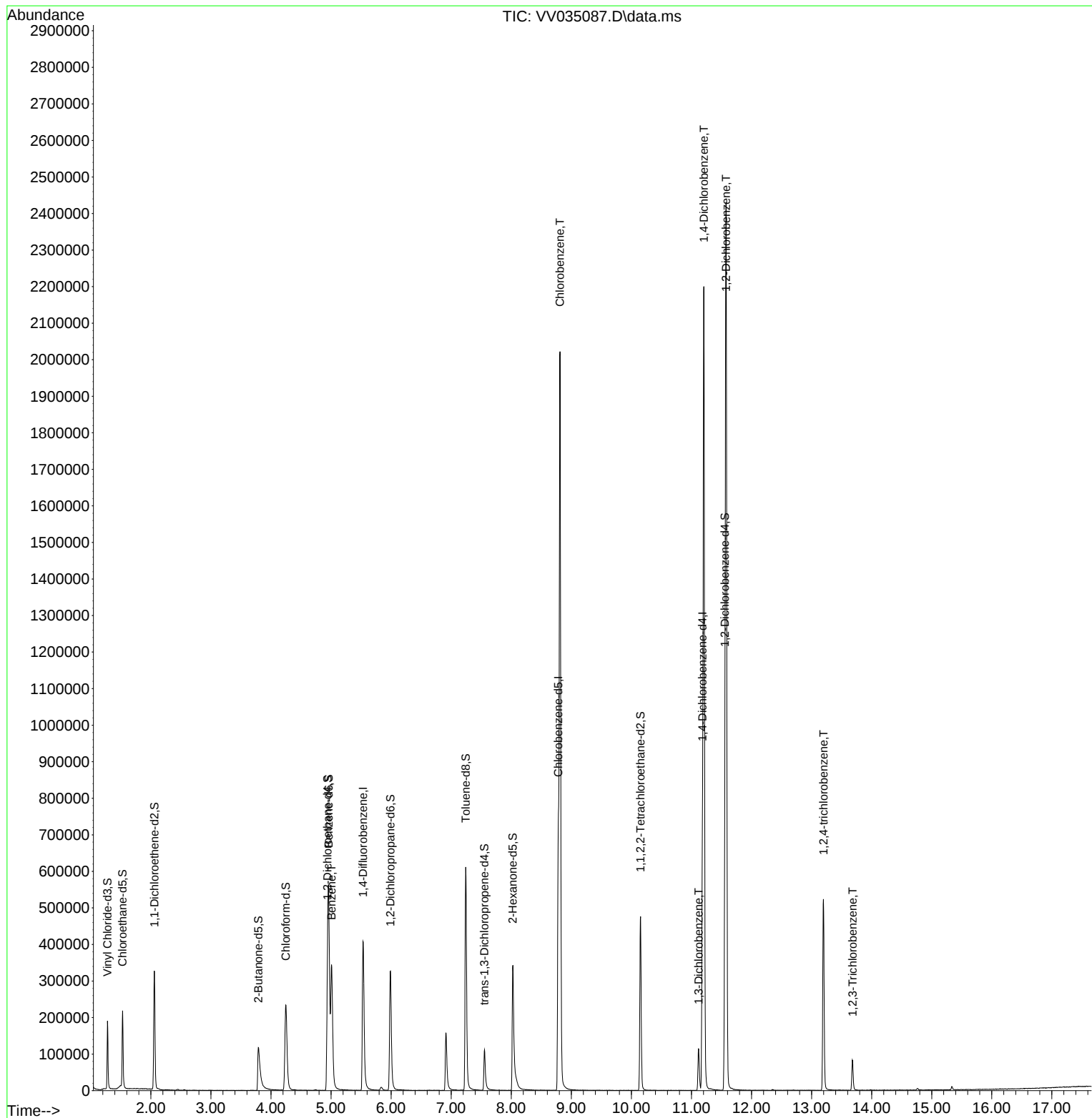
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	358264	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	350369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	160449	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118493	34.247	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.500%	
7) Chloroethane-d5	1.529	69	129337	43.038	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.080%	
11) 1,1-Dichloroethene-d2	2.059	65	56254	37.090	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.180%	
21) 2-Butanone-d5	3.789	46	204035	99.431	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	99.430%	
24) Chloroform-d	4.246	84	253342	43.550	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.100%	
26) 1,2-Dichloroethane-d4	4.940	65	165470	44.802	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.600%	
32) Benzene-d6	4.960	84	491163	41.733	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.460%	
36) 1,2-Dichloropropane-d6	5.989	67	166364	44.515	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.040%	
41) Toluene-d8	7.243	98	417085	39.351	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.700%#	
43) trans-1,3-Dichloroprop...	7.554	79	67293	37.038	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.080%	
47) 2-Hexanone-d5	8.024	63	117025	82.821	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.820%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	233971	45.462	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.920%	
66) 1,2-Dichlorobenzene-d4	11.557	152	165837	46.035	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.060%	
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	361329	31.626	ug/L	100
51) Chlorobenzene	8.812	112	1031694	133.082	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	47429	8.774	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	818533	148.905	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	894906	166.190	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	160388	44.819	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	24808	7.033	ug/L	99

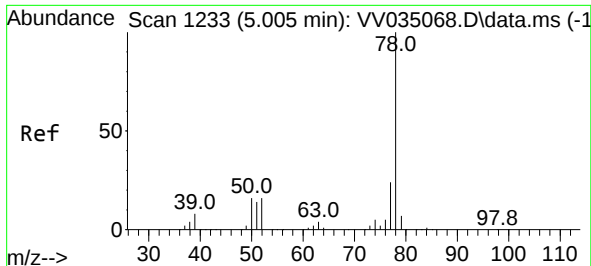
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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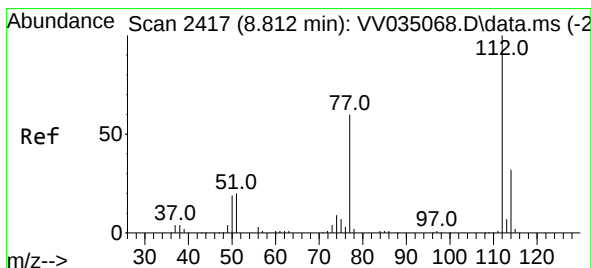
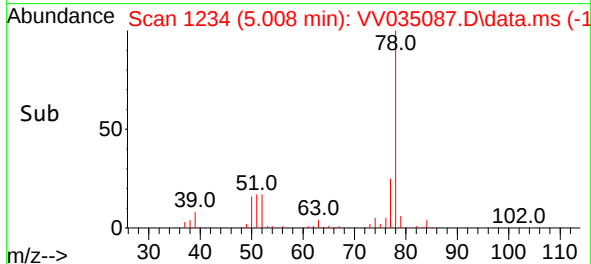
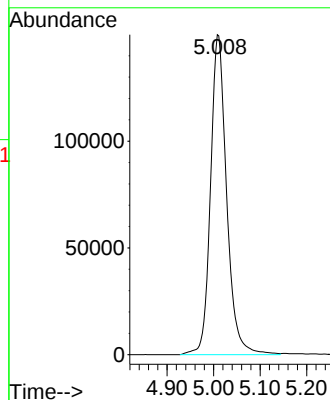
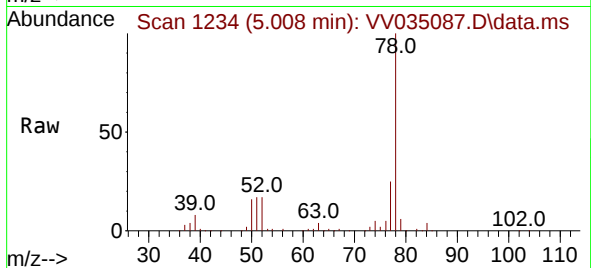




#33
Benzene
Concen: 31.626 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035087.D
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ClientSampleId :
MCORF0DL

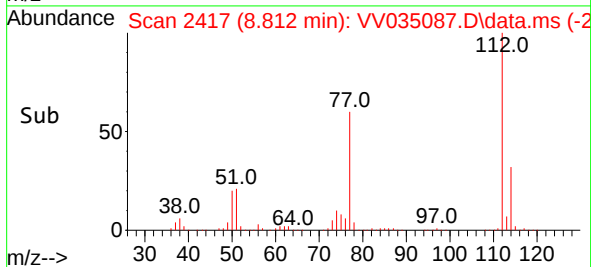
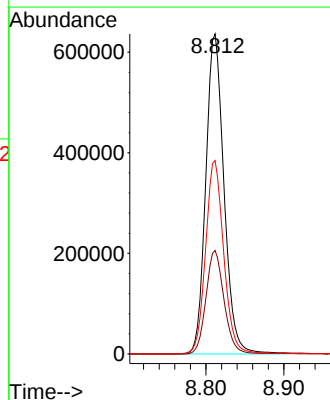
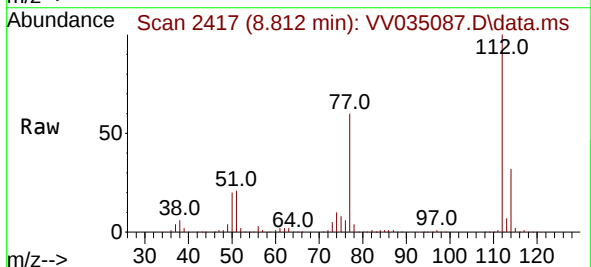
Tgt Ion: 78 Resp: 361329

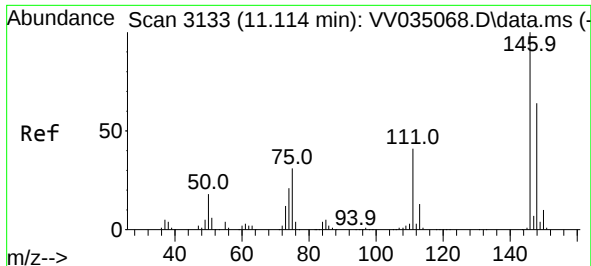


#51
Chlorobenzene
Concen: 133.082 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035087.D
Acq: 09 Apr 2024 17:03

Tgt Ion: 112 Resp: 1031694

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	41.0
77	60.5	47.4	71.2

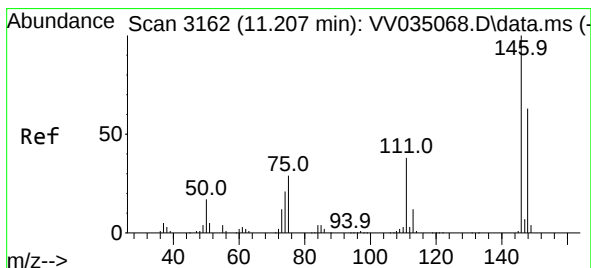
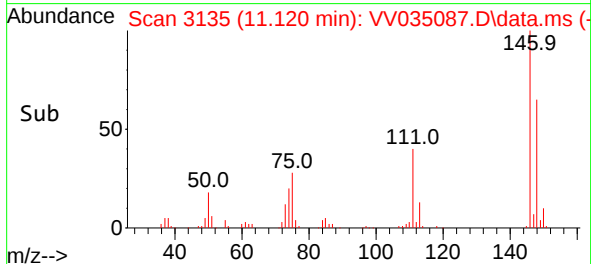
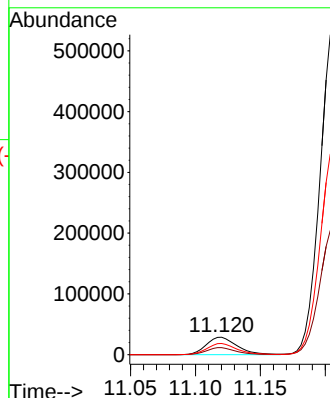
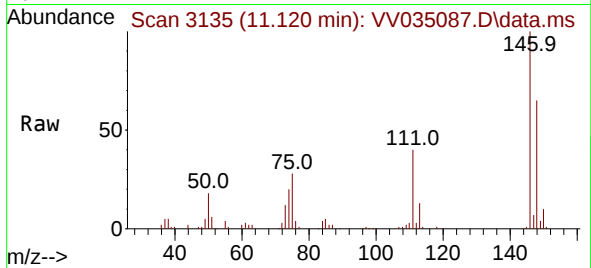




#64
 1,3-Dichlorobenzene
 Concen: 8.774 ug/L
 RT: 11.120 min Scan# 3135
 Delta R.T. 0.006 min
 Lab File: VV035087.D
 Acq: 09 Apr 2024 17:03

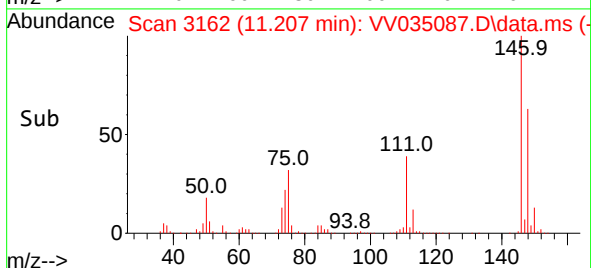
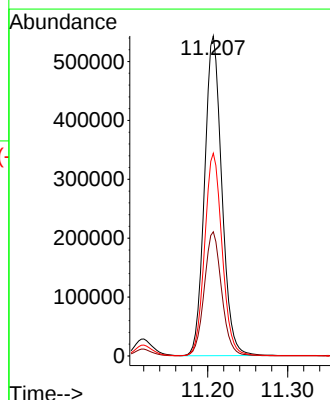
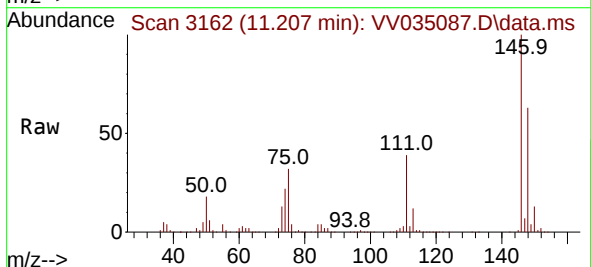
Instrument :
 MSVOA_V
 ClientSampleId :
 MCORF0DL

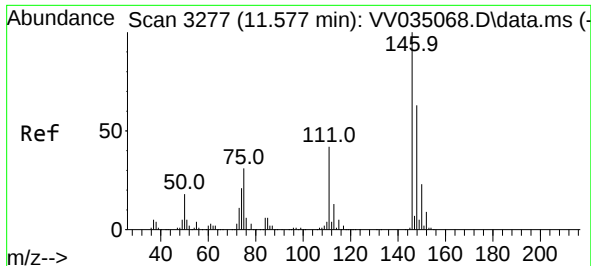
Tgt Ion:146 Resp: 47429
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.7 53.3
 148 64.5 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 148.905 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VV035087.D
 Acq: 09 Apr 2024 17:03

Tgt Ion:146 Resp: 818533
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.4 50.8
 148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 166.190 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

Instrument :

MSVOA_V

ClientSampleId :

MCORF0DL

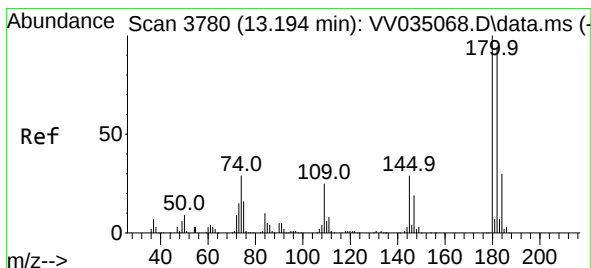
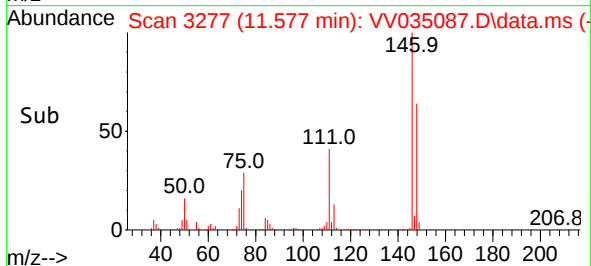
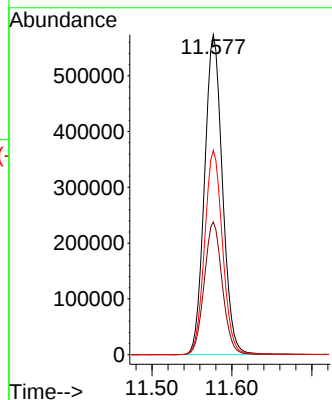
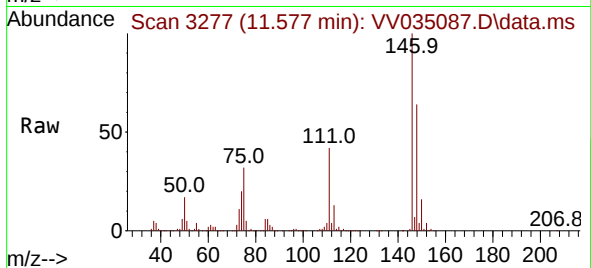
Tgt Ion:146 Resp: 894906

Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 63.9 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 44.819 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

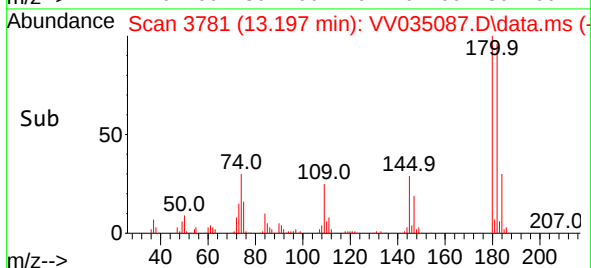
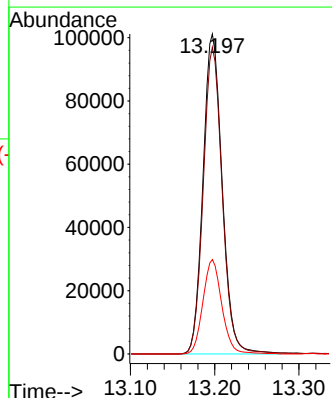
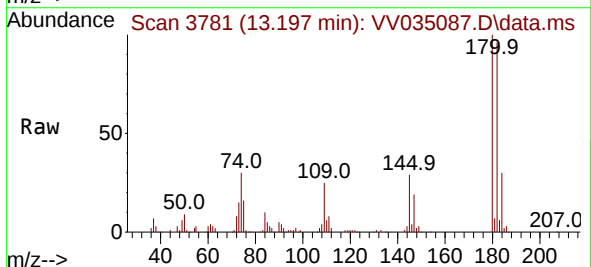
Tgt Ion:180 Resp: 160388

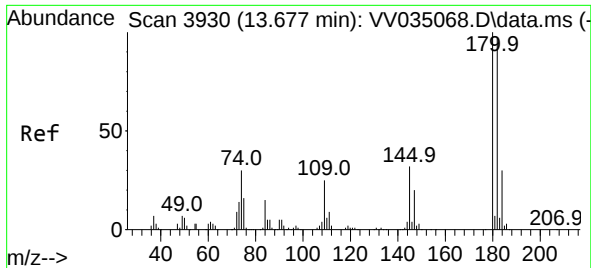
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

145 29.0 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 7.033 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035087.D
 Acq: 09 Apr 2024 17:03

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RF0DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.2	114.2
145	32.0	25.8	38.6

