

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
 Data File : VV035109.D
 Acq On : 10 Apr 2024 15:16
 Operator : SY/MD
 Sample : P2006-15DL2 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORH3DL2

Quant Time: Apr 11 06:58:17 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)

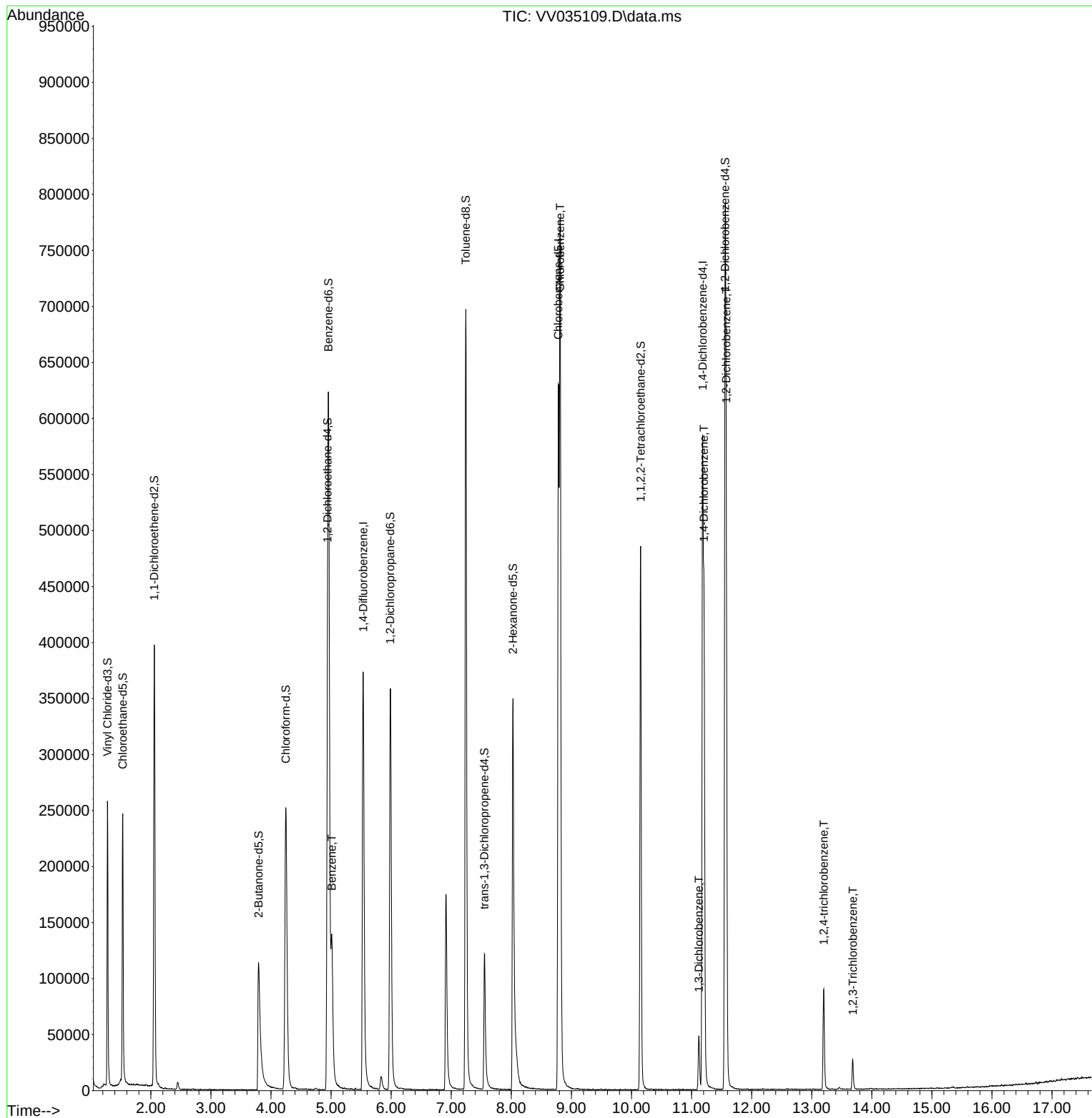
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	324050	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	312727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139381	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	164915	52.697	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	105.400%	
7) Chloroethane-d5	1.532	69	152595	56.138	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	112.280%	
11) 1,1-Dichloroethene-d2	2.057	65	68814	50.162	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	100.320%	
21) 2-Butanone-d5	3.793	46	204509	110.185	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.180%	
24) Chloroform-d	4.246	84	271716	51.640	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.280%	
26) 1,2-Dichloroethane-d4	4.941	65	181423	54.308	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.620%	
32) Benzene-d6	4.957	84	549708	52.330	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.660%	
36) 1,2-Dichloropropane-d6	5.986	67	182087	54.587	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.180%	
41) Toluene-d8	7.243	98	466892	49.353	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.700%	
43) trans-1,3-Dichloroprop...	7.551	79	74655	46.036	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.080%	
47) 2-Hexanone-d5	8.027	63	117309	93.015	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.010%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	236618	51.511	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.020%	
66) 1,2-Dichlorobenzene-d4	11.558	152	170827	54.588	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.180%	
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	136808	13.416	ug/L	100
51) Chlorobenzene	8.812	112	402616	58.186	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	20527	4.371	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	161889	33.902	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	174090	37.216	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	27428	8.823	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	8630	2.816	ug/L	95

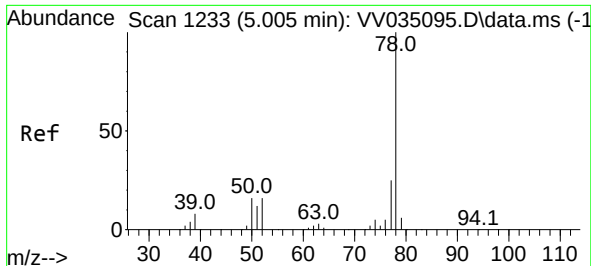
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
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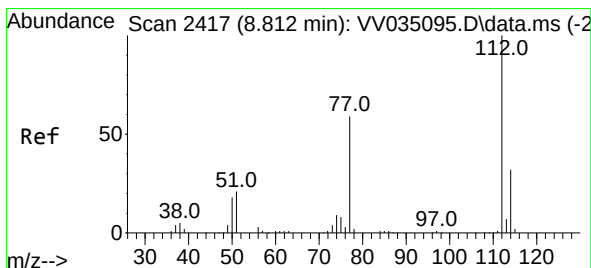
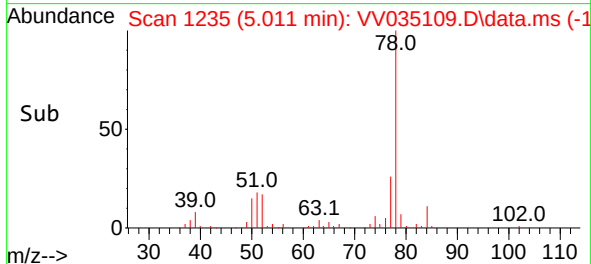
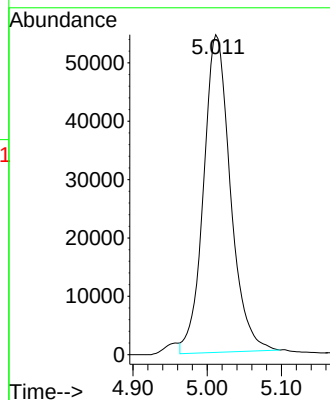
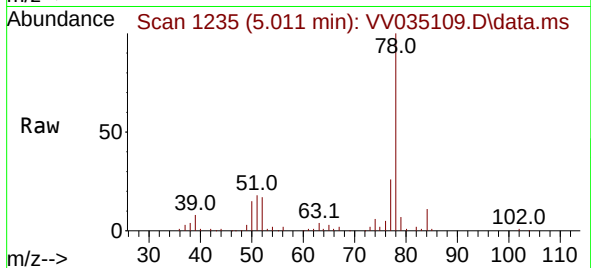




#33
Benzene
Concen: 13.416 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV035109.D
Acq: 10 Apr 2024 15:16

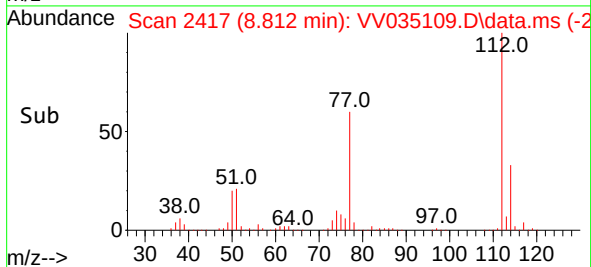
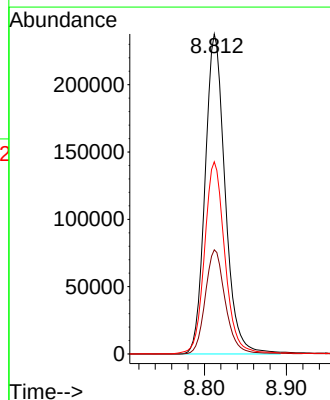
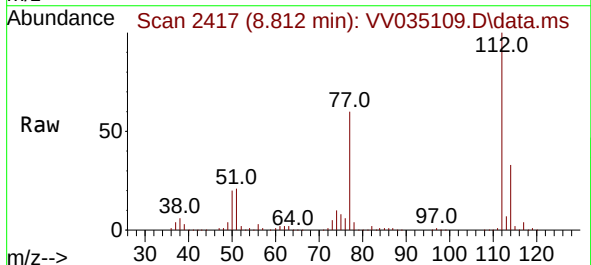
Instrument :
MSVOA_V
ClientSampleId :
MC0RH3DL2

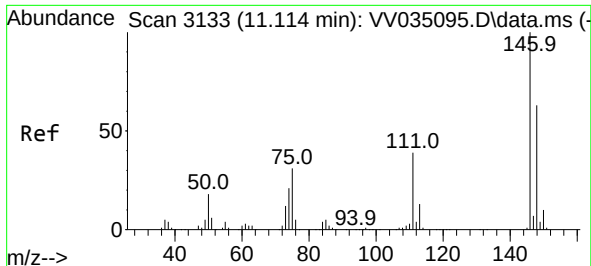
Tgt Ion: 78 Resp: 136808



#51
Chlorobenzene
Concen: 58.186 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035109.D
Acq: 10 Apr 2024 15:16

Tgt Ion: 112 Resp: 402616
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 60.1 47.4 71.2

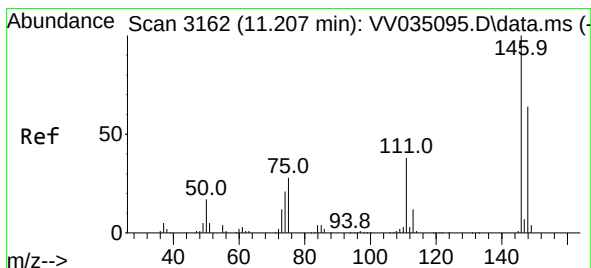
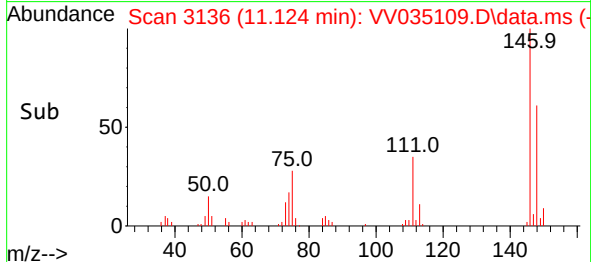
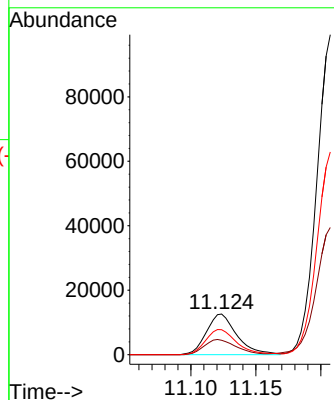
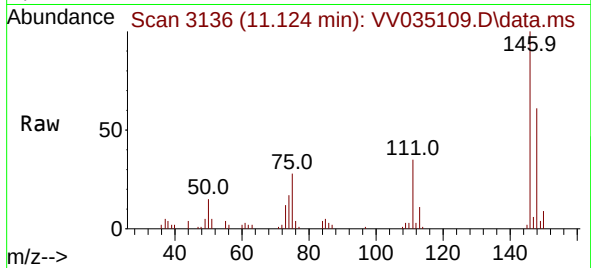




#64
1,3-Dichlorobenzene
Concen: 4.371 ug/L
RT: 11.124 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV035109.D
Acq: 10 Apr 2024 15:16

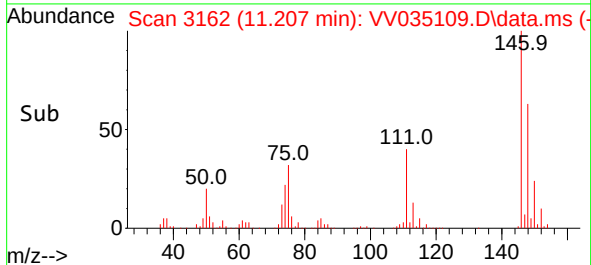
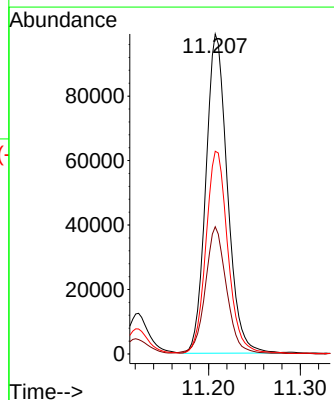
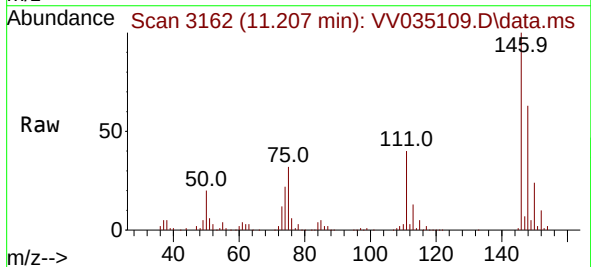
Instrument :
MSVOA_V
ClientSampleId :
MC0RH3DL2

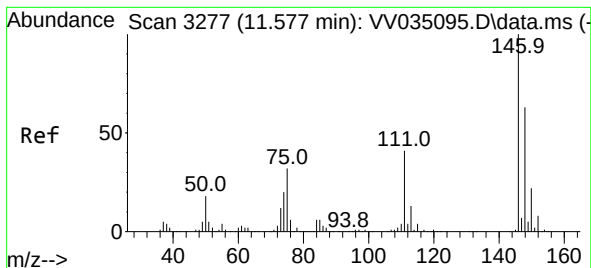
Tgt Ion:146 Resp: 20527
Ion Ratio Lower Upper
146 100
111 35.5 28.7 53.3
148 61.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 33.902 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035109.D
Acq: 10 Apr 2024 15:16

Tgt Ion:146 Resp: 161889
Ion Ratio Lower Upper
146 100
111 39.8 27.4 50.8
148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 37.216 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035109.D

Acq: 10 Apr 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

MC0RH3DL2

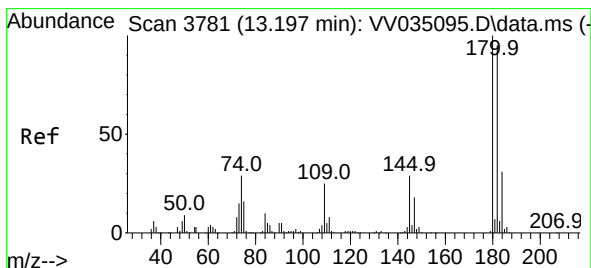
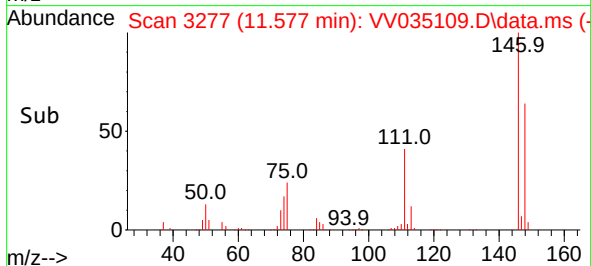
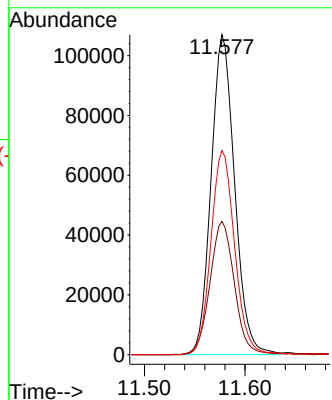
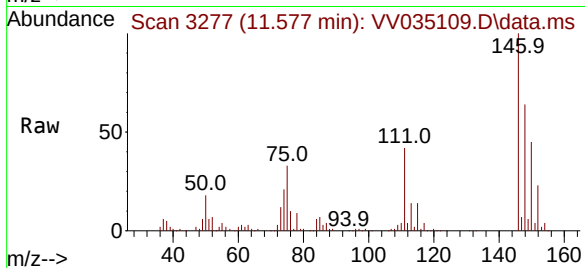
Tgt Ion:146 Resp: 174090

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 63.8 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 8.823 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV035109.D

Acq: 10 Apr 2024 15:16

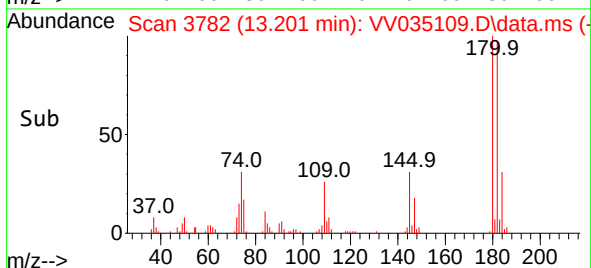
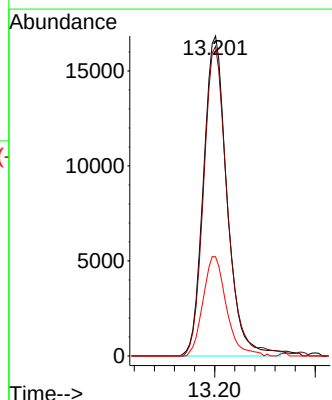
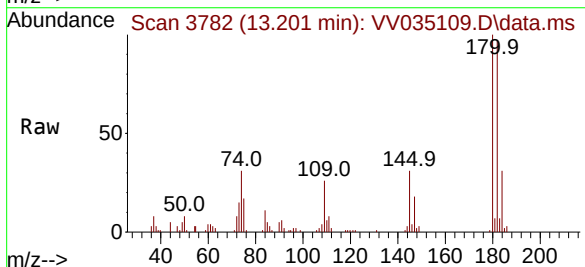
Tgt Ion:180 Resp: 27428

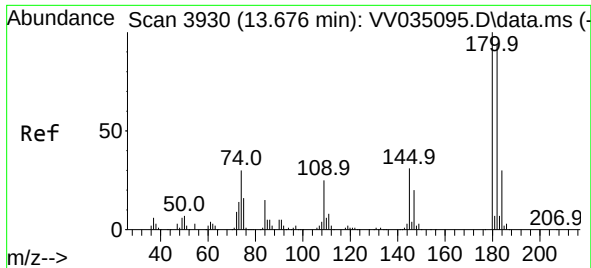
Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

145 30.7 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.816 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV035109.D
 Acq: 10 Apr 2024 15:16

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RH3DL2

Tgt Ion:	180	Resp:	8630
Ion	Ratio	Lower	Upper
180	100		
182	89.3	76.2	114.2
145	31.3	25.8	38.6

