

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035086.D
 Acq On : 09 Apr 2024 16:39
 Operator : SY/MD
 Sample : P2006-10DL2 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE9DL2

Quant Time: Apr 10 04:58:12 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)

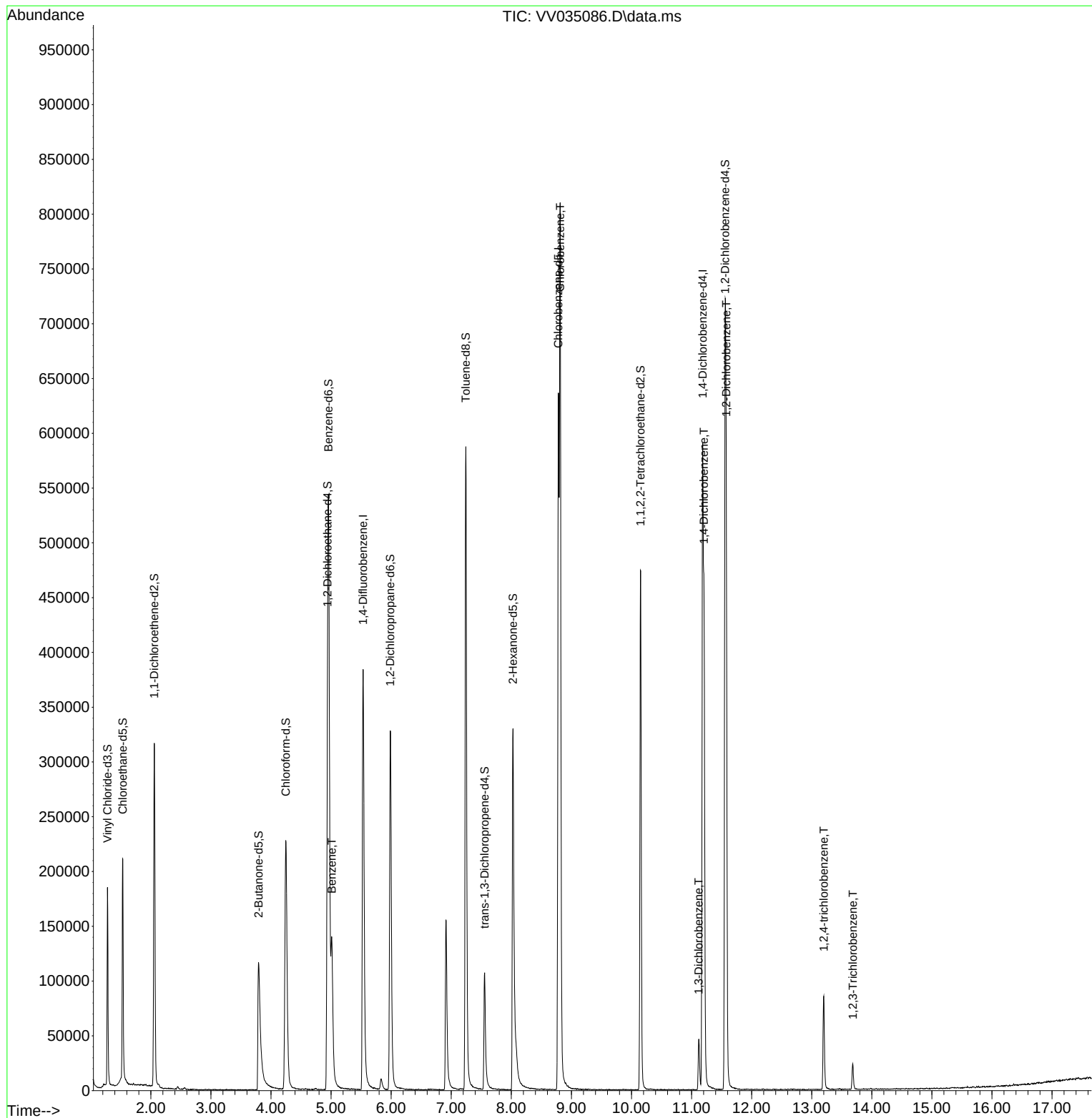
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	328226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139190	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	116047	36.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.220%
7) Chloroethane-d5	1.532	69	129893	47.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.360%
11) 1,1-Dichloroethene-d2	2.056	65	54852	39.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.960%
21) 2-Butanone-d5	3.793	46	203891	108.454	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.450%
24) Chloroform-d	4.246	84	245553	46.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
26) 1,2-Dichloroethane-d4	4.941	65	165411	48.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
32) Benzene-d6	4.957	84	478411	44.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.780%
36) 1,2-Dichloropropane-d6	5.985	67	163174	48.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.420%
41) Toluene-d8	7.243	98	397892	41.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.900%
43) trans-1,3-Dichloroprop...	7.555	79	67025	40.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.480%
47) 2-Hexanone-d5	8.027	63	113156	88.432	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.430%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	230453	49.447	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.900%
66) 1,2-Dichlorobenzene-d4	11.558	152	151834	48.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	144048	13.923	ug/L	100
51) Chlorobenzene	8.812	112	418790	59.653	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	20262	4.321	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	165888	34.787	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	177033	37.897	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	27440	8.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7975	2.606	ug/L	95

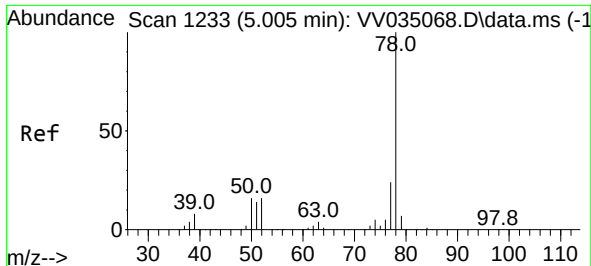
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

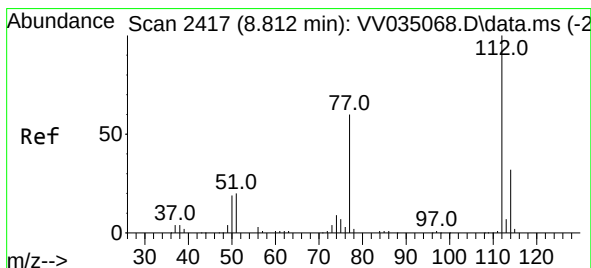
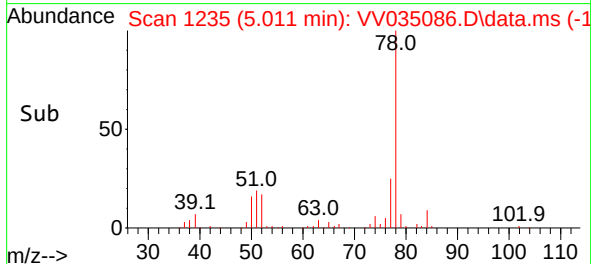
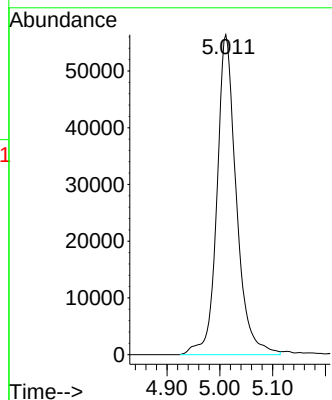
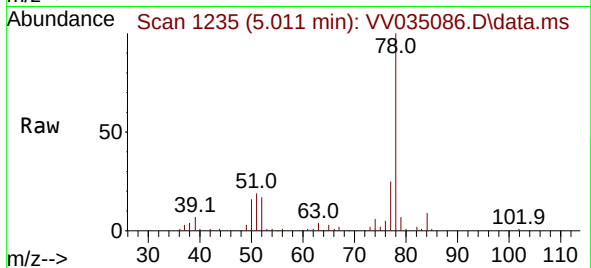




#33
Benzene
Concen: 13.923 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035086.D
Acq: 09 Apr 2024 16:39

Instrument :
MSVOA_V
ClientSampleId :
MC0RE9DL2

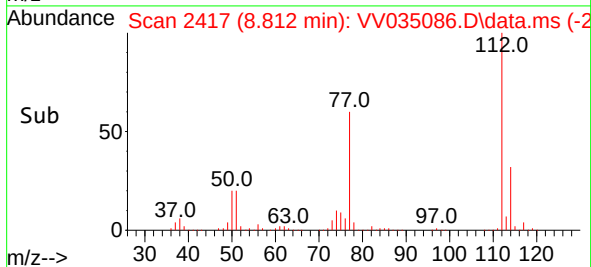
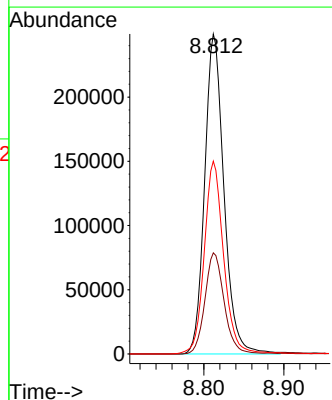
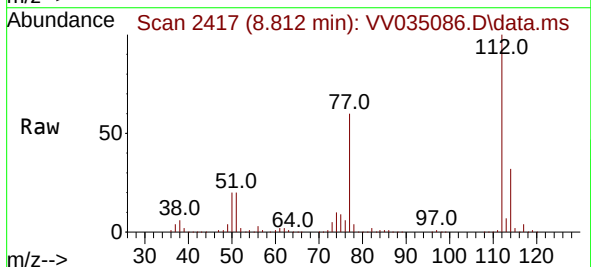
Tgt Ion: 78 Resp: 144048

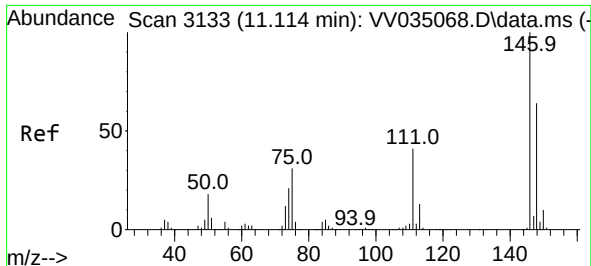


#51
Chlorobenzene
Concen: 59.653 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035086.D
Acq: 09 Apr 2024 16:39

Tgt Ion: 112 Resp: 418790

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	41.0
77	60.2	47.4	71.2

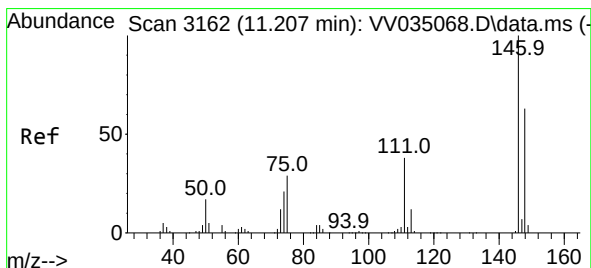
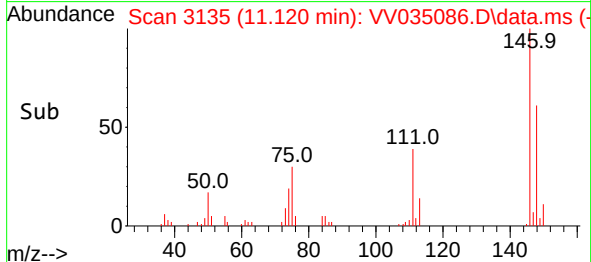
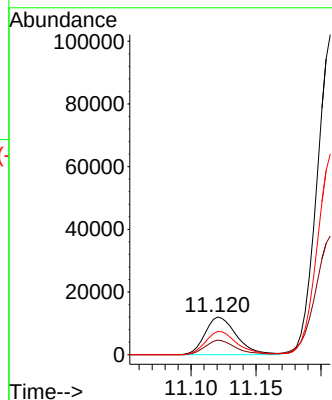
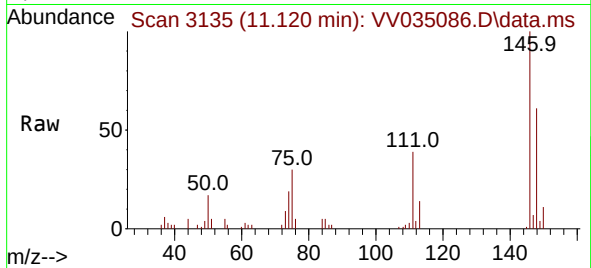




#64
1,3-Dichlorobenzene
Concen: 4.321 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV035086.D
Acq: 09 Apr 2024 16:39

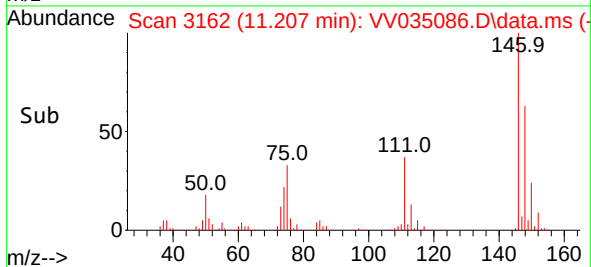
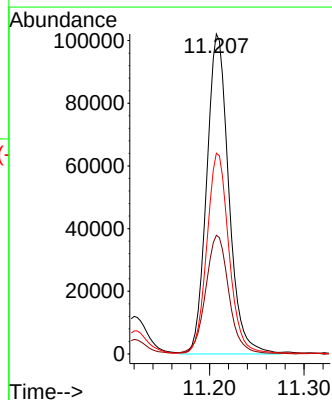
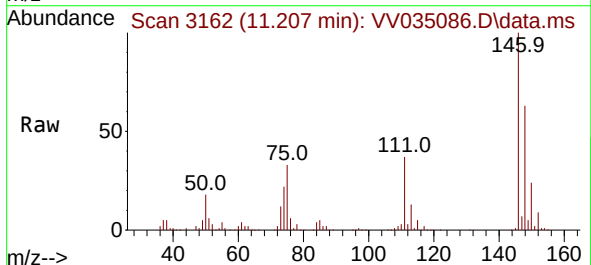
Instrument :
MSVOA_V
ClientSampleId :
MC0RE9DL2

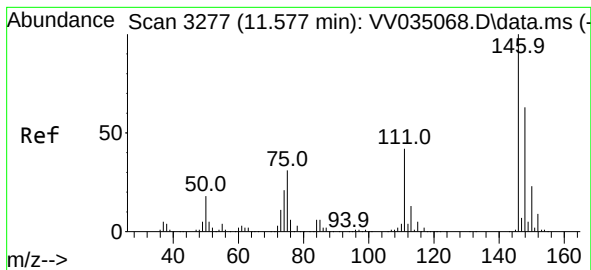
Tgt Ion:146 Resp: 20262
Ion Ratio Lower Upper
146 100
111 38.5 28.7 53.3
148 61.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 34.787 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035086.D
Acq: 09 Apr 2024 16:39

Tgt Ion:146 Resp: 165888
Ion Ratio Lower Upper
146 100
111 37.1 27.4 50.8
148 62.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 37.897 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

MC0RE9DL2

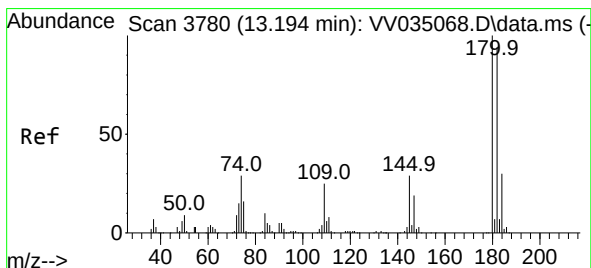
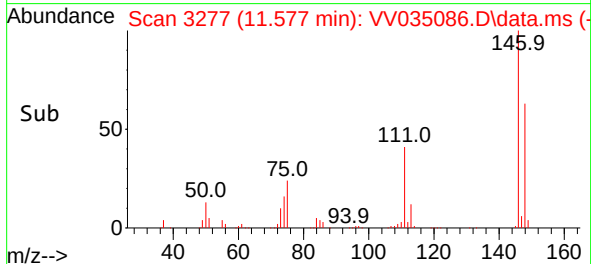
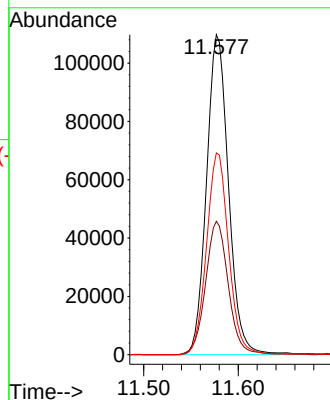
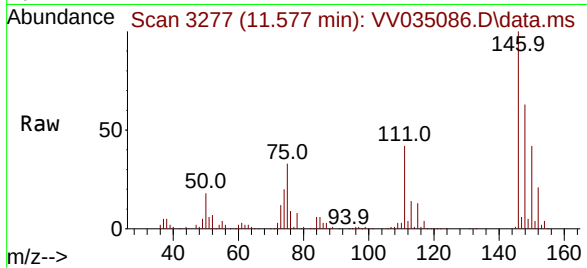
Tgt Ion:146 Resp: 177033

Ion Ratio Lower Upper

146 100

111 41.7 34.6 52.0

148 63.0 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 8.839 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

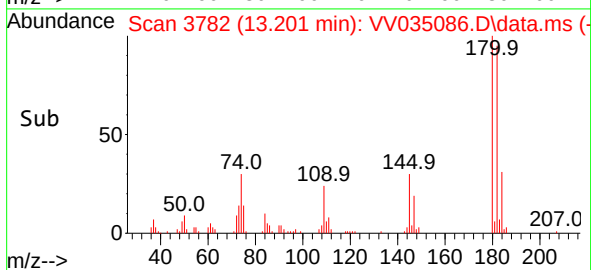
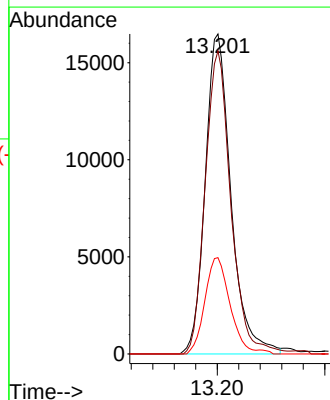
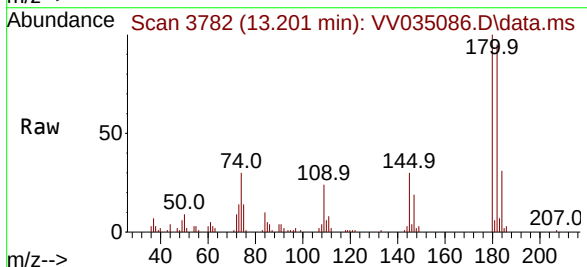
Tgt Ion:180 Resp: 27440

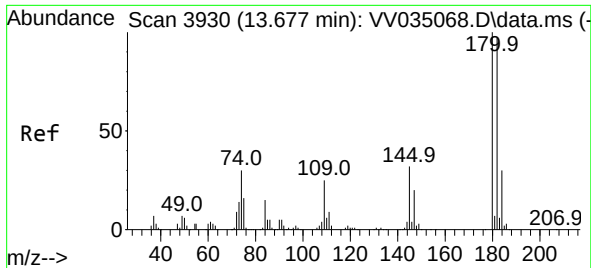
Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

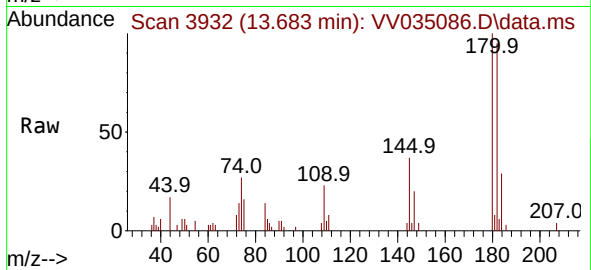
145 29.1 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.606 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035086.D
 Acq: 09 Apr 2024 16:39

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE9DL2



Tgt Ion:	180	Resp:	7975
Ion Ratio	Lower	Upper	
180	100		
182	89.8	76.2	114.2
145	33.1	25.8	38.6

