

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035283.D
 Acq On : 18 Apr 2024 15:14
 Operator : SY/MD
 Sample : P2157-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0R81

Quant Time: Apr 19 01:43:20 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

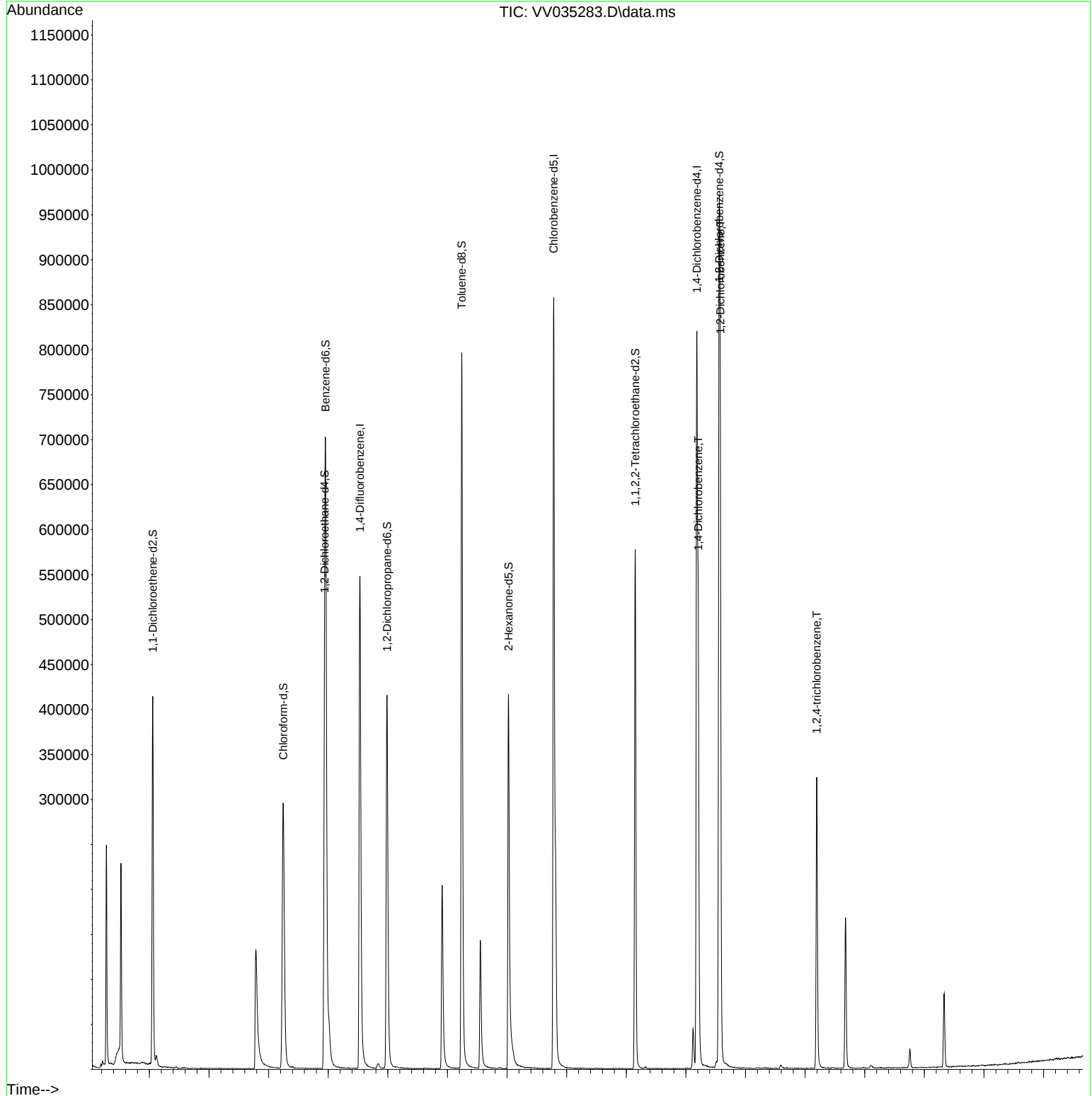
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	486938	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	464454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	205946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	163373	34.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.480%
7) Chloroethane-d5	1.523	69	140584	34.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.840%#
11) 1,1-Dichloroethene-d2	2.057	65	71337	34.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.220%
21) 2-Butanone-d5	3.786	46	229562	82.309	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.310%
24) Chloroform-d	4.246	84	324088	40.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.980%
26) 1,2-Dichloroethane-d4	4.937	65	203324	40.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.000%
32) Benzene-d6	4.957	84	634540	40.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
36) 1,2-Dichloropropane-d6	5.986	67	212556	42.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	7.240	98	549459	39.107	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.220%#
43) trans-1,3-Dichloroprop...	7.552	79	88366	36.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.380%
47) 2-Hexanone-d5	8.024	63	147730	78.870	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.870%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	288066	42.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	204546	44.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
Target Compounds						
33) Benzene	5.011	78	44978	2.970	ug/L	100
51) Chlorobenzene	8.812	112	124545	12.119	ug/L	99
64) 1,3-Dichlorobenzene	11.121	146	19683	2.837	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	194623	27.584	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	259747	37.580	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	102684	22.355	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	53564	11.830	ug/L	99

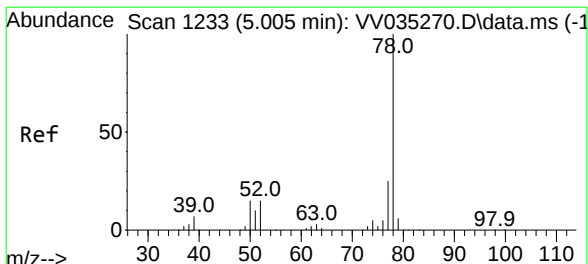
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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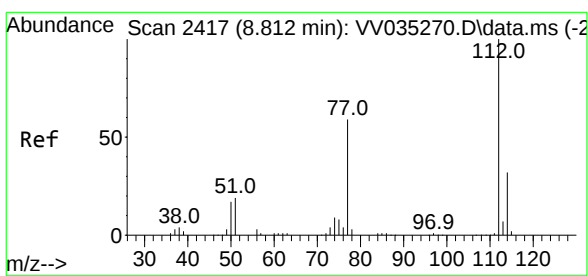
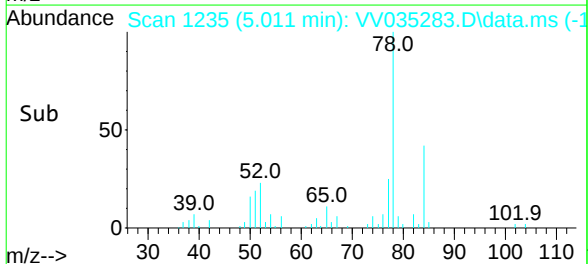
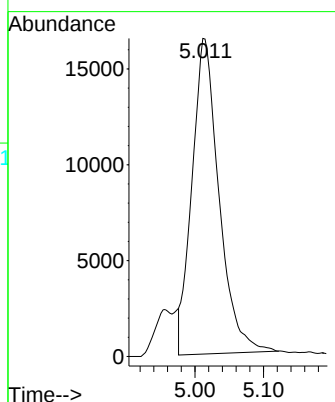
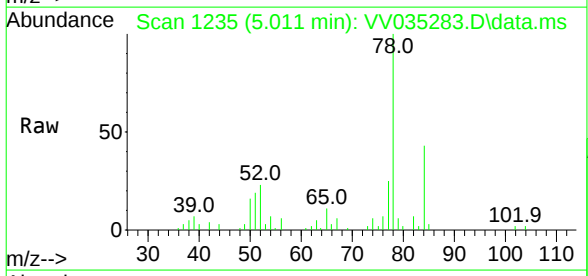




#33
Benzene
Concen: 2.970 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.007 min
Lab File: VV035283.D
Acq: 18 Apr 2024 15:14

Instrument : MSVOA_V
ClientSampleId : MC0R81

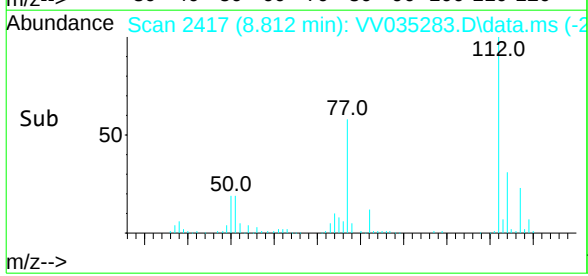
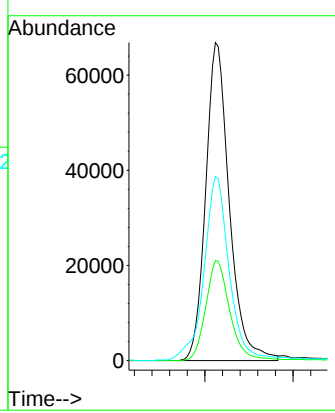
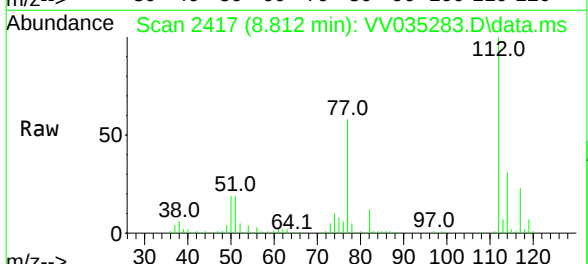
Tgt Ion: 78 Resp: 44978

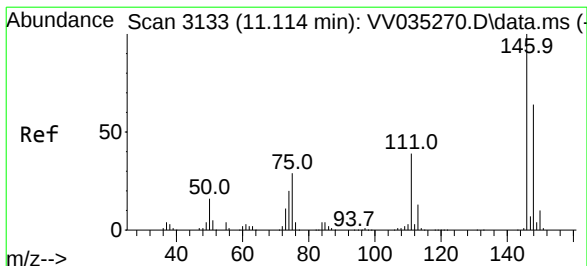


#51
Chlorobenzene
Concen: 12.119 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035283.D
Acq: 18 Apr 2024 15:14

Tgt Ion: 112 Resp: 124545

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	41.0
77	57.9	47.4	71.2





#64

1,3-Dichlorobenzene

Concen: 2.837 ug/L

RT: 11.121 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV035283.D

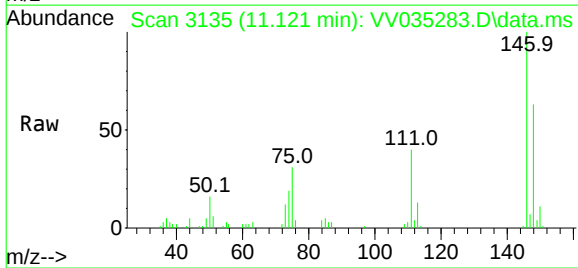
Acq: 18 Apr 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :

MC0R81



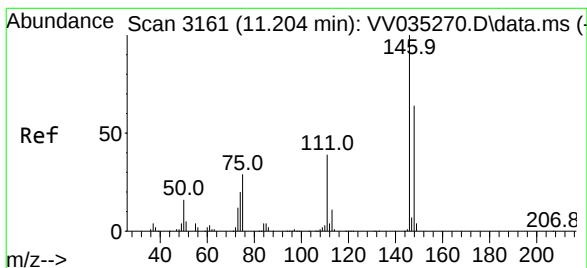
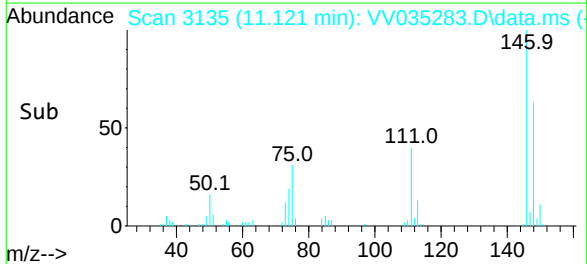
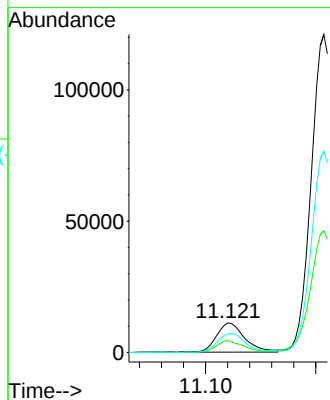
Tgt Ion:146 Resp: 19683

Ion Ratio Lower Upper

146 100

111 40.1 28.7 53.3

148 62.7 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 27.584 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035283.D

Acq: 18 Apr 2024 15:14

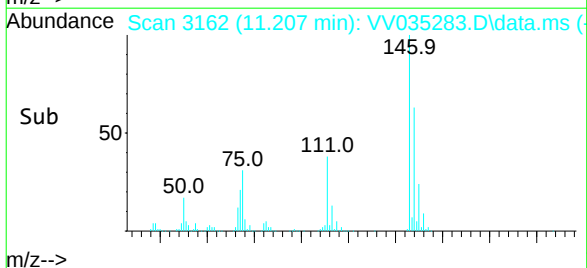
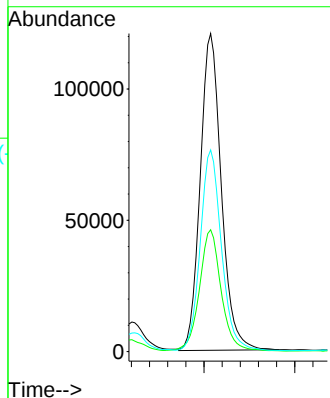
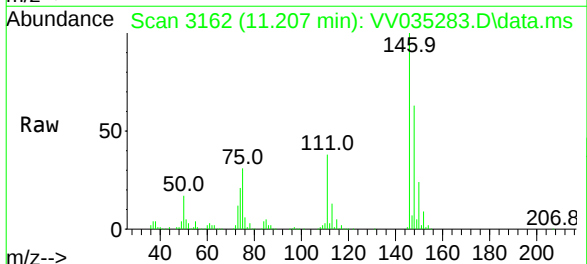
Tgt Ion:146 Resp: 194623

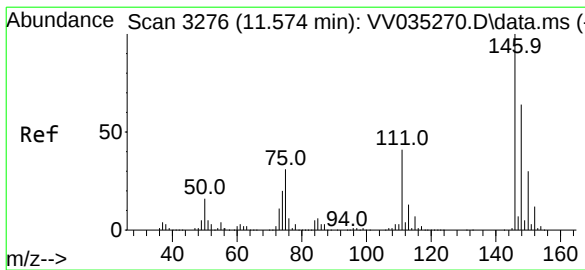
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 37.580 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035283.D

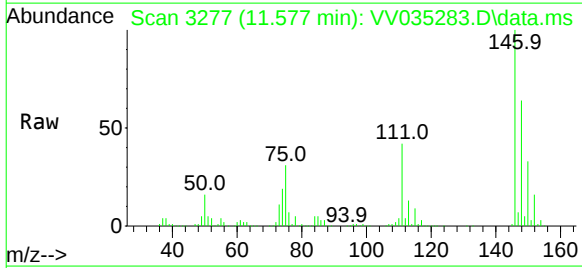
Acq: 18 Apr 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :

MC0R81



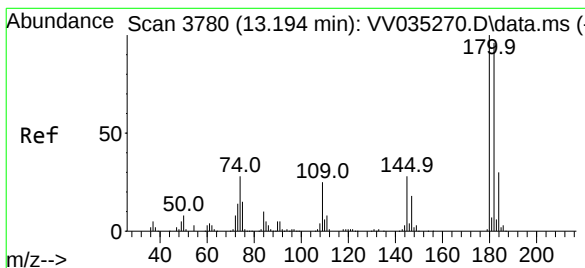
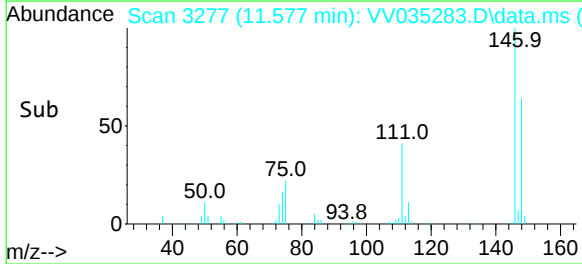
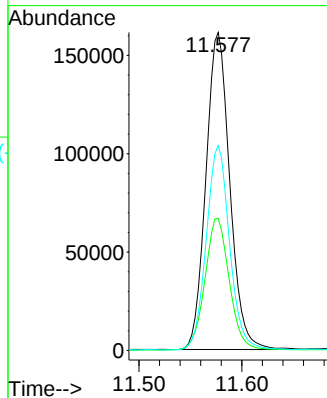
Tgt Ion:146 Resp: 259747

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 64.4 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 22.355 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035283.D

Acq: 18 Apr 2024 15:14

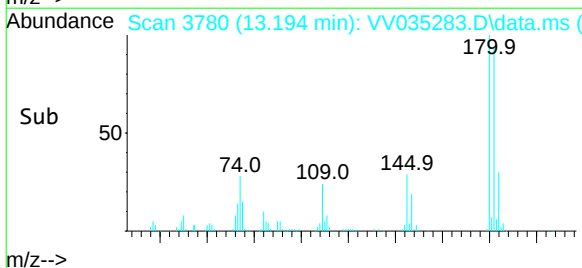
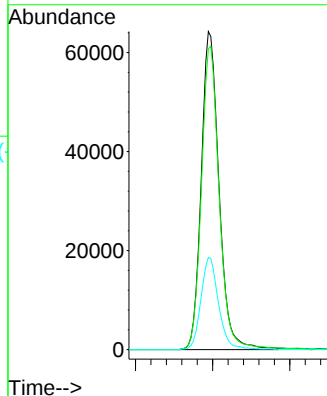
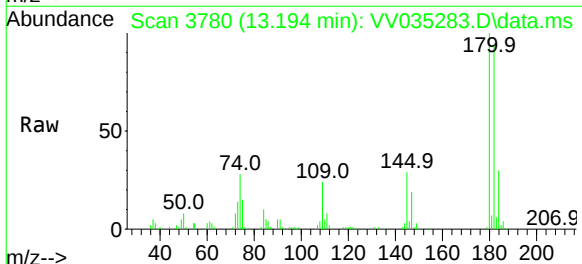
Tgt Ion:180 Resp: 102684

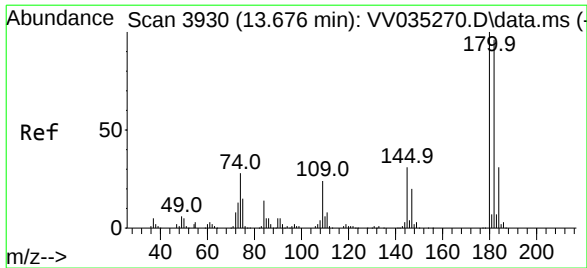
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

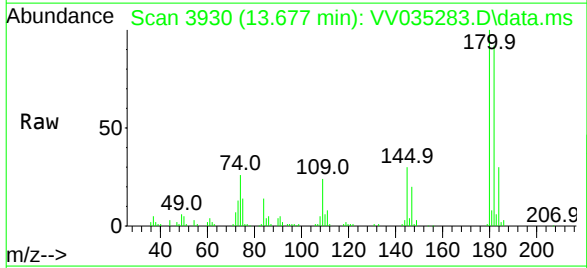
145 28.7 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 11.830 ug/L
 RT: 13.677 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: VV035283.D
 Acq: 18 Apr 2024 15:14

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0R81



Tgt Ion:	180	Resp:	53564
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.2	114.2
145	29.5	25.8	38.6

