

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035281.D
 Acq On : 18 Apr 2024 14:26
 Operator : SY/MD
 Sample : P2158-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD2

Quant Time: Apr 19 01:43:04 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)

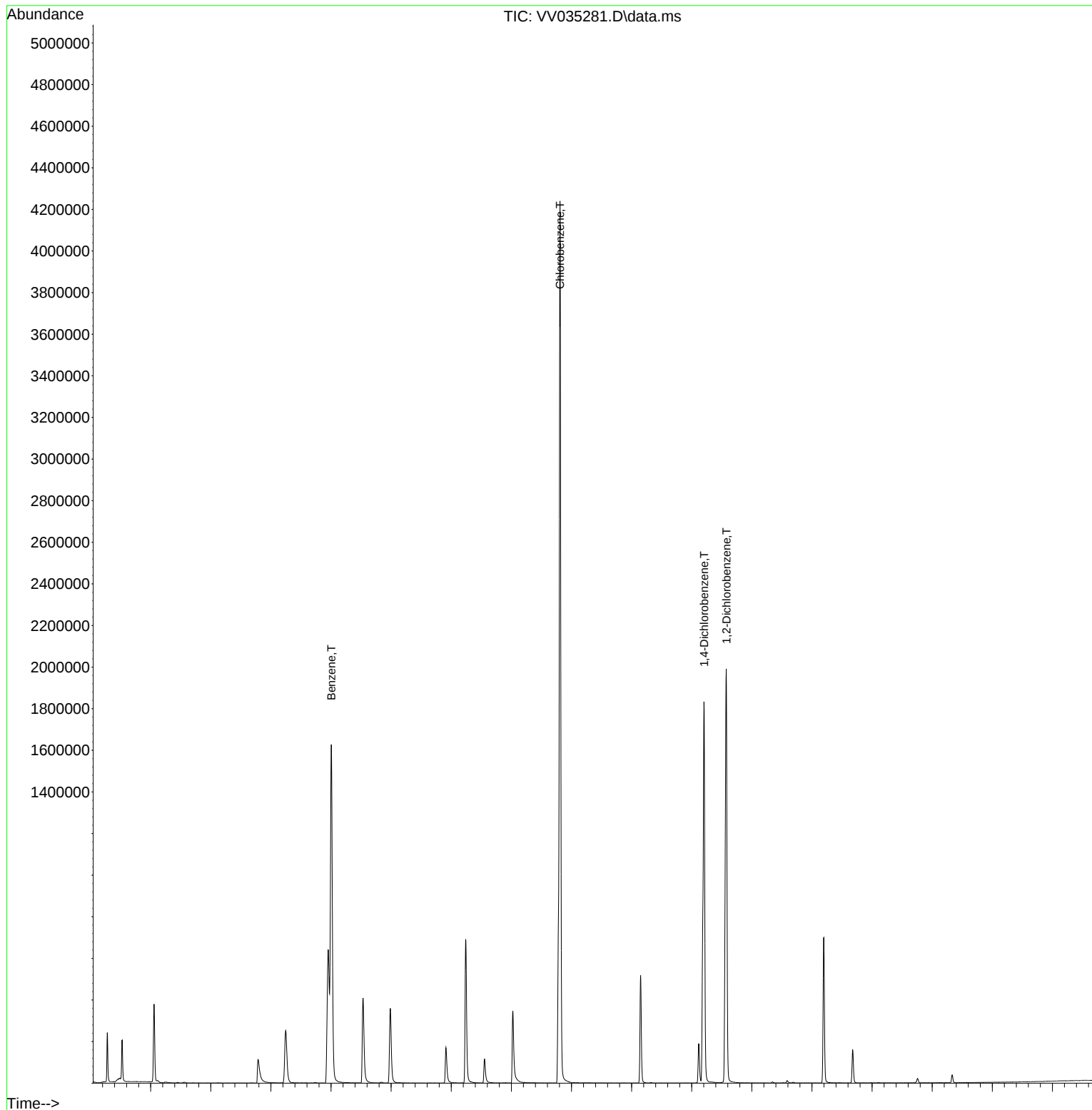
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	362254	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	353162	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	166462	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159714	45.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.300%		
7) Chloroethane-d5	1.526	69	133856	44.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.100%		
11) 1,1-Dichloroethene-d2	2.056	65	64819	42.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.540%		
21) 2-Butanone-d5	3.786	46	197329	95.104	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.100%		
24) Chloroform-d	4.246	84	282701	48.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.120%		
26) 1,2-Dichloroethane-d4	4.937	65	178870	47.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.800%		
32) Benzene-d6	4.957	84	560952	47.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.580%		
36) 1,2-Dichloropropane-d6	5.985	67	184494	48.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	7.243	98	477908	44.733	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.460%		
43) trans-1,3-Dichloroprop...	7.551	79	75635	41.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.600%		
47) 2-Hexanone-d5	8.024	63	123777	86.906	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.910%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	250867	48.360	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.720%		
66) 1,2-Dichlorobenzene-d4	11.558	152	185651	49.673	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.340%		
Target Compounds					Qvalue	
33) Benzene	5.005	78	1694448	147.137	ug/L	100
51) Chlorobenzene	8.809	112	2223701	284.574	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	78235	13.950	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	713608	125.128	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	724373	129.662	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	217134	58.485	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	50219	13.722	ug/L	97

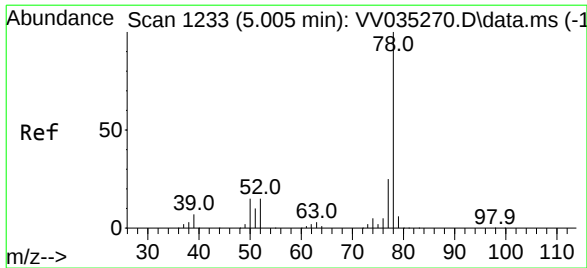
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration





#33

Benzene

Concen: 147.137 ug/L

RT: 5.005 min Scan# 12

Delta R.T. -0.000 min

Lab File: VV035281.D

Acq: 18 Apr 2024 14:26

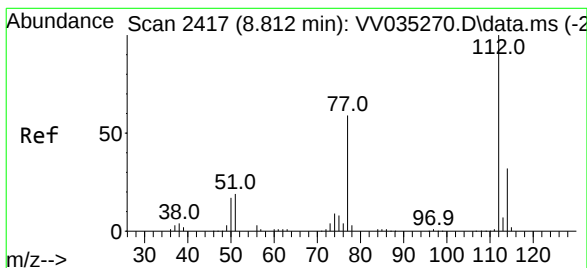
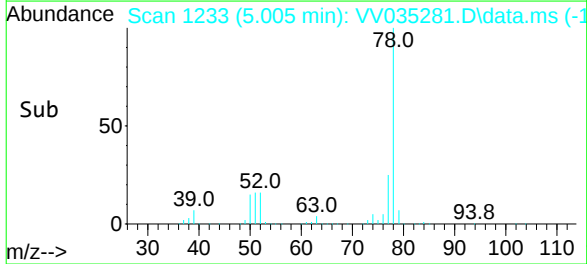
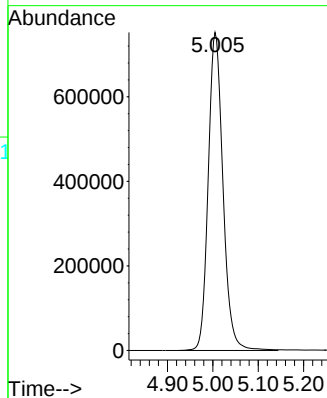
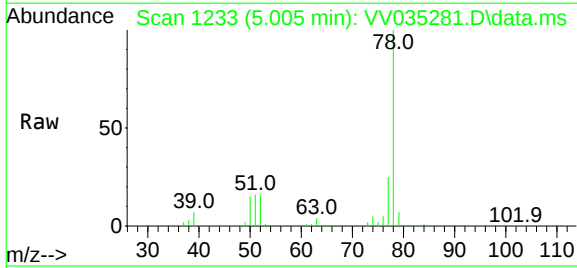
Instrument :

MSVOA_V

ClientSampleId :

MC0RD2

Tgt Ion: 78 Resp: 1694448



#51

Chlorobenzene

Concen: 284.574 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.003 min

Lab File: VV035281.D

Acq: 18 Apr 2024 14:26

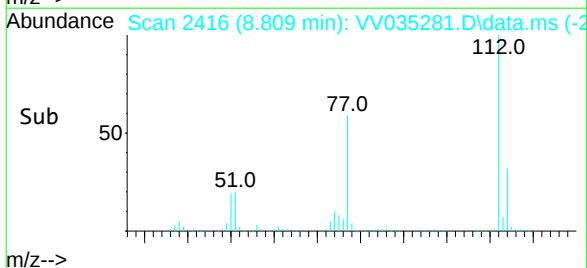
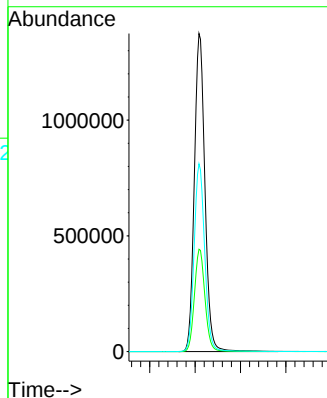
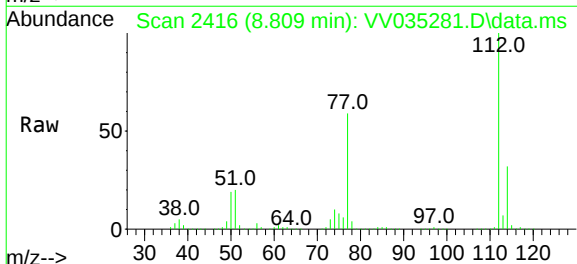
Tgt Ion:112 Resp: 2223701

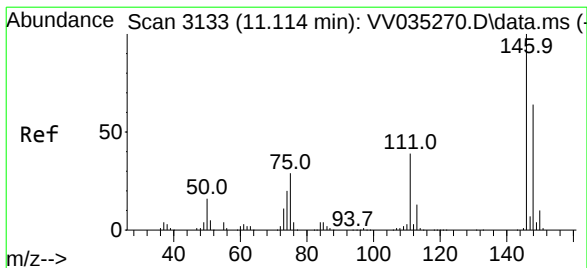
Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 59.0 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 13.950 ug/L

RT: 11.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035281.D

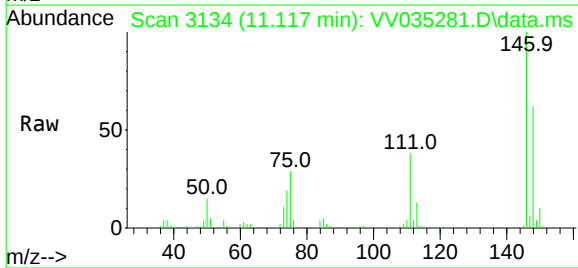
Acq: 18 Apr 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

MC0RD2



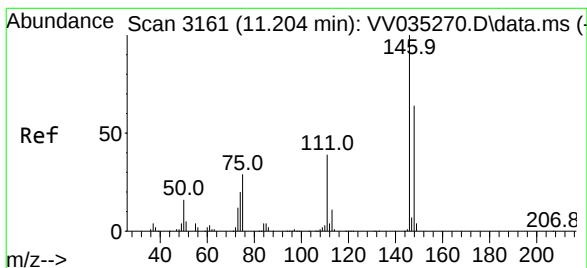
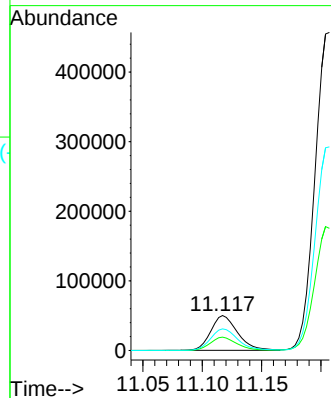
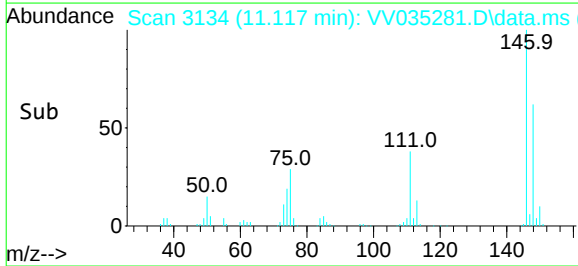
Tgt Ion:146 Resp: 78235

Ion Ratio Lower Upper

146 100

111 38.3 28.7 53.3

148 61.9 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 125.128 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035281.D

Acq: 18 Apr 2024 14:26

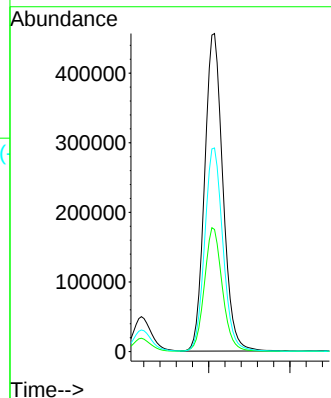
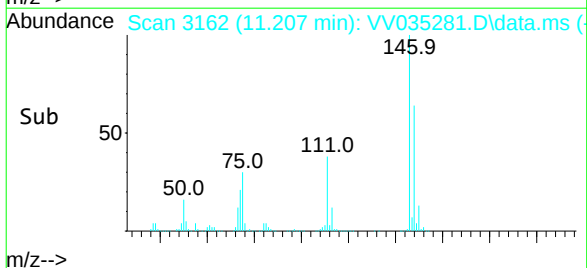
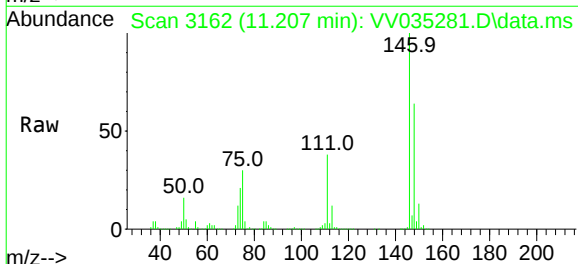
Tgt Ion:146 Resp: 713608

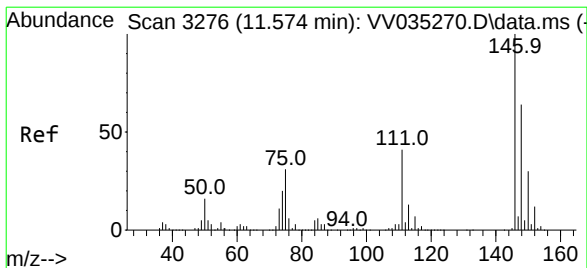
Ion Ratio Lower Upper

146 100

111 38.4 27.4 50.8

148 64.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 129.662 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035281.D

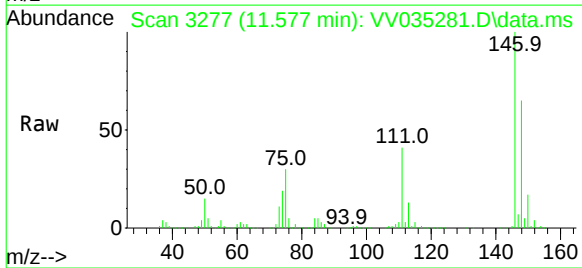
Acq: 18 Apr 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

MC0RD2



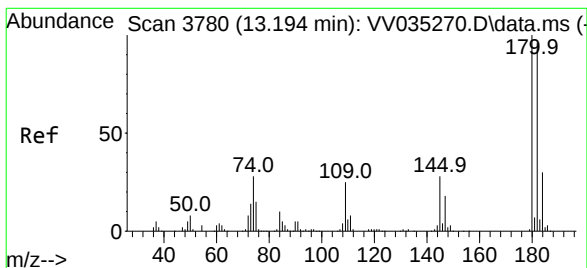
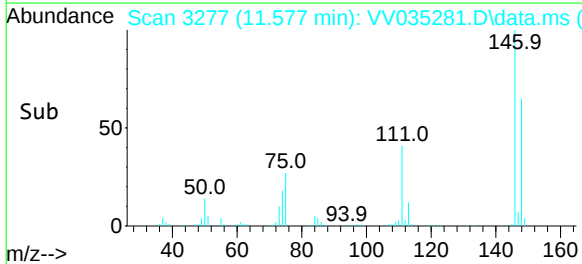
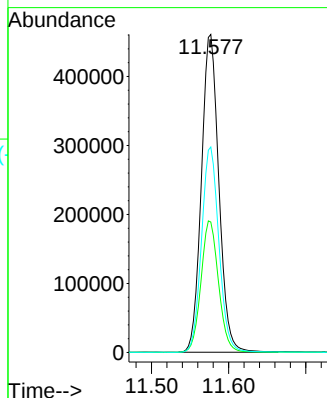
Tgt Ion:146 Resp: 724373

Ion Ratio Lower Upper

146 100

111 41.0 34.6 52.0

148 64.6 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 58.485 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035281.D

Acq: 18 Apr 2024 14:26

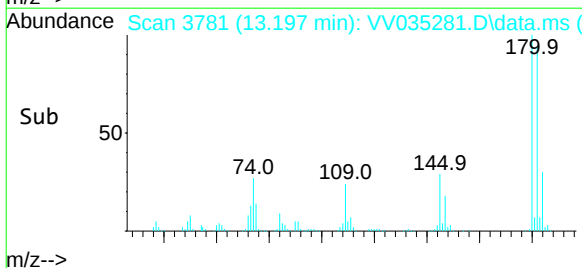
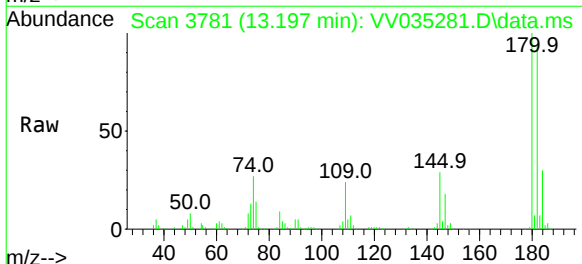
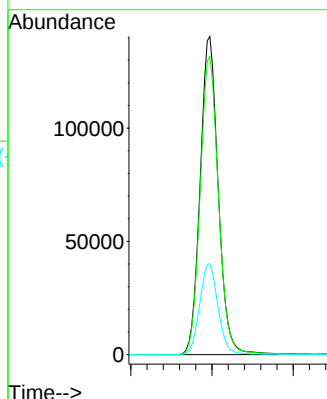
Tgt Ion:180 Resp: 217134

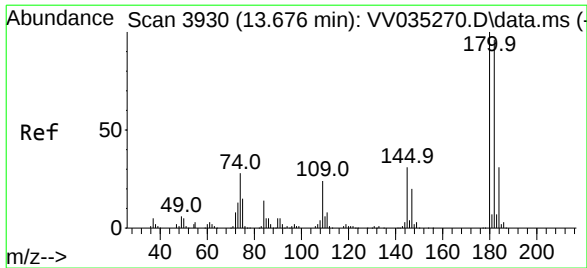
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

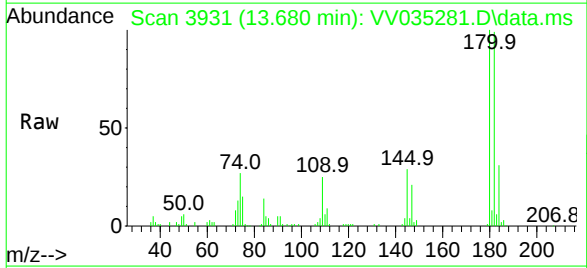
145 28.9 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 13.722 ug/L
 RT: 13.680 min Scan# 39
 Delta R.T. 0.003 min
 Lab File: VV035281.D
 Acq: 18 Apr 2024 14:26

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD2



Tgt Ion:	180	Resp:	50219
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.2	114.2
145	28.5	25.8	38.6

