

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035293.D
 Acq On : 18 Apr 2024 19:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:44:34 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)

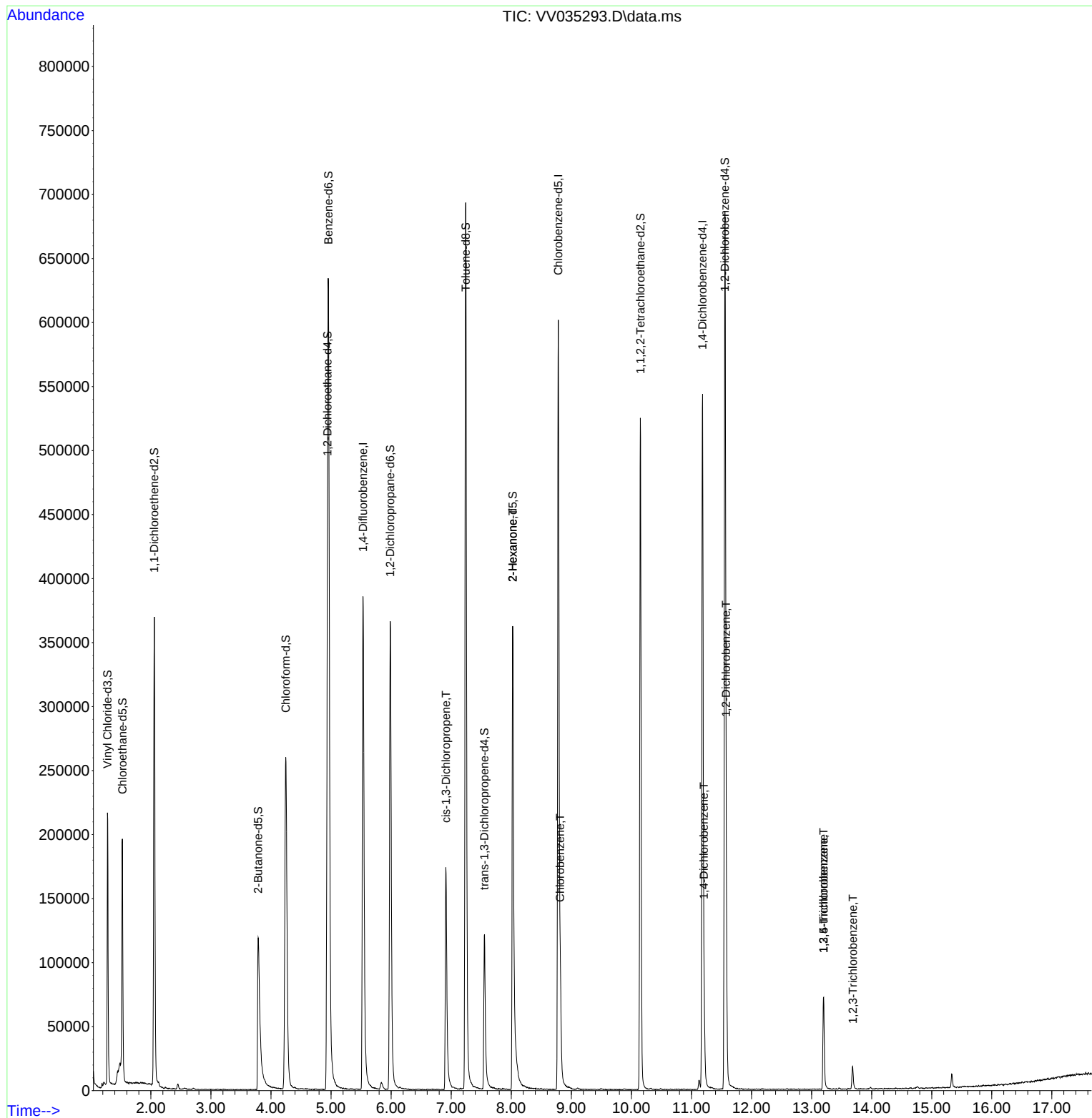
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	345563	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	332129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146715	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	144294	43.237	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.480%		
7) Chloroethane-d5	1.526	69	126141	43.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.040%		
11) 1,1-Dichloroethene-d2	2.056	65	63952	43.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.440%		
21) 2-Butanone-d5	3.786	46	209514	105.854	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.850%		
24) Chloroform-d	4.246	84	284937	50.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.560%		
26) 1,2-Dichloroethane-d4	4.941	65	184914	51.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.820%		
32) Benzene-d6	4.957	84	566123	50.744	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.480%		
36) 1,2-Dichloropropane-d6	5.985	67	189311	53.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.880%		
41) Toluene-d8	7.243	98	479381	47.713	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.420%		
43) trans-1,3-Dichloroprop...	7.555	79	76995	44.706	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.420%		
47) 2-Hexanone-d5	8.024	63	127854	95.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.450%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	258195	52.924	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.840%		
66) 1,2-Dichlorobenzene-d4	11.558	152	174763	53.054	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.100%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.912	75	4501	0.955	ug/L #	61
48) 2-Hexanone	8.024	43	14810	4.557	ug/L #	76
51) Chlorobenzene	8.815	112	54321	7.392	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	24667	4.907	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	50790	10.315	ug/L	97
69) 1,3,5-Trichlorobenzene	13.201	180	24025	6.744	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	24025	7.342	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	6377	1.977	ug/L	99

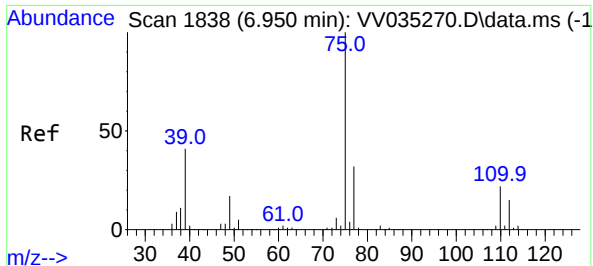
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035293.D
Acq On : 18 Apr 2024 19:14
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 19 01:44:34 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





#39

cis-1,3-Dichloropropene

Concen: 0.955 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV035293.D

Acq: 18 Apr 2024 19:14

Instrument :

MSVOA_V

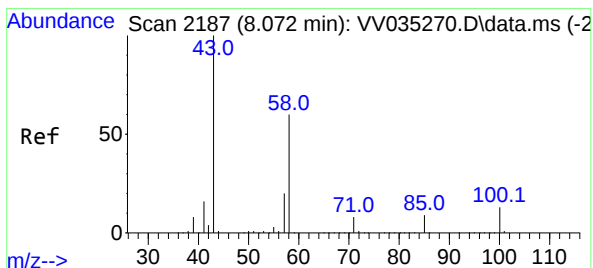
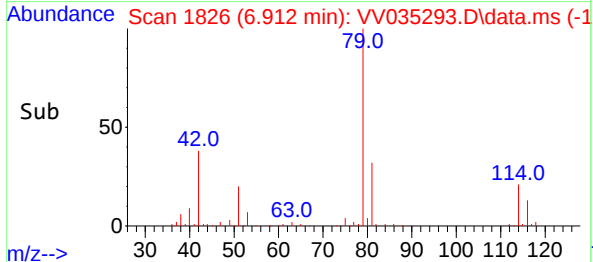
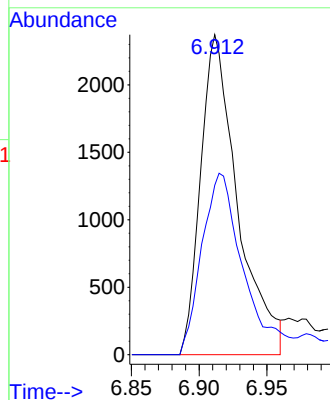
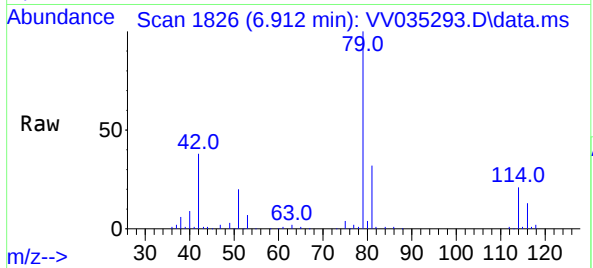
ClientSampleId :

Tgt Ion: 75 Resp: 4501

Ion Ratio Lower Upper

75 100

77 53.0 21.9 40.7#



#48

2-Hexanone

Concen: 4.557 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV035293.D

Acq: 18 Apr 2024 19:14

Tgt Ion: 43 Resp: 14810

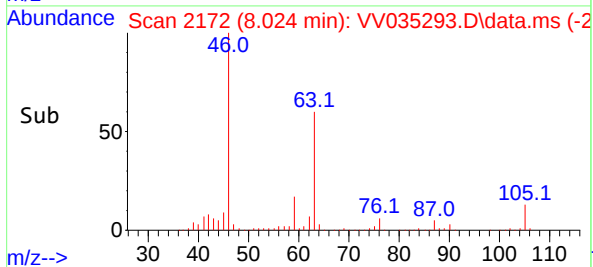
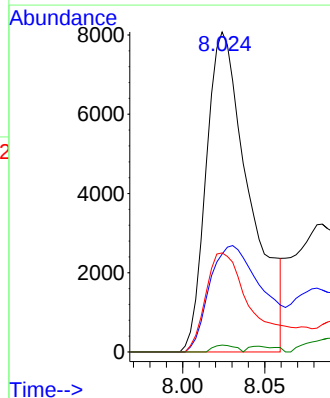
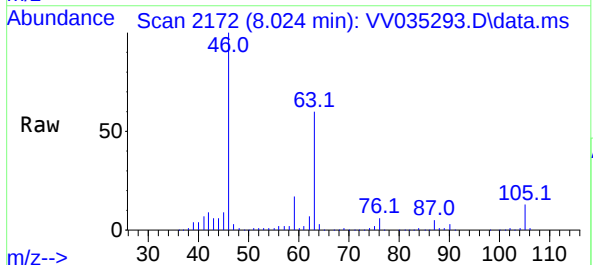
Ion Ratio Lower Upper

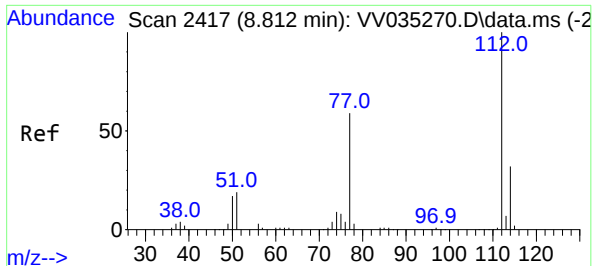
43 100

58 41.5 45.4 68.2#

57 33.7 16.2 24.4#

100 1.1 10.1 15.1#

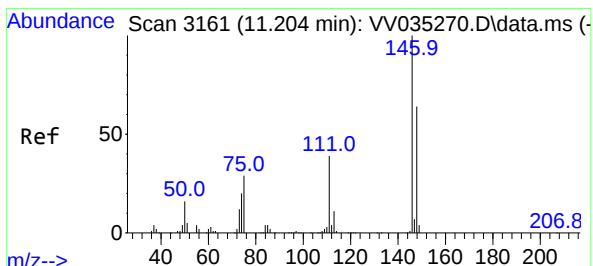
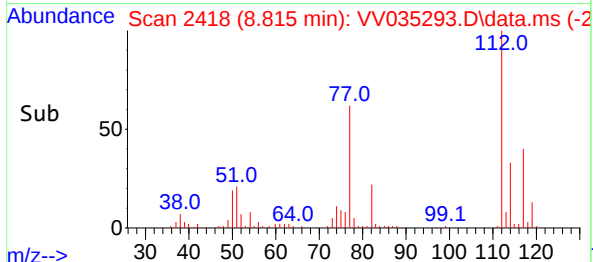
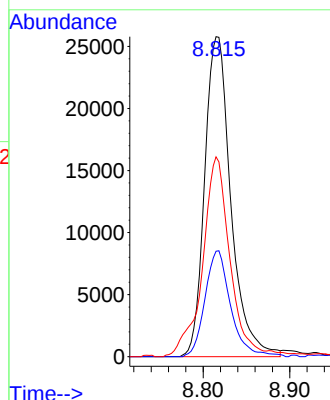
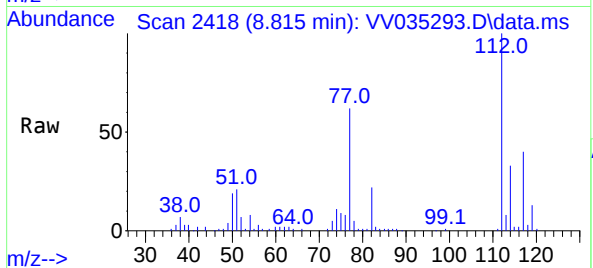




#51
Chlorobenzene
Concen: 7.392 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035293.D
Acq: 18 Apr 2024 19:14

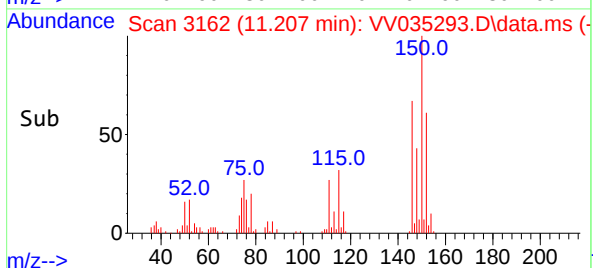
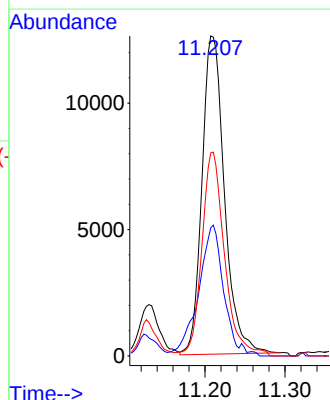
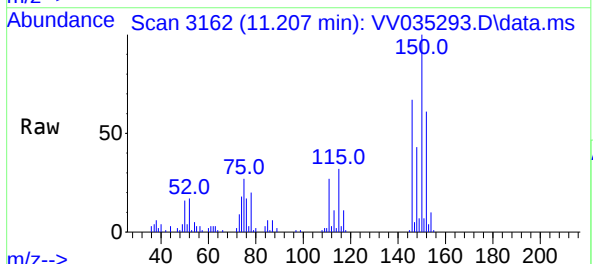
Instrument :
MSVOA_V
ClientSampleId :

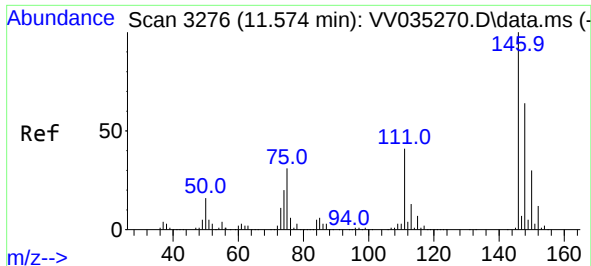
Tgt Ion:112 Resp: 54321
Ion Ratio Lower Upper
112 100
114 33.0 22.0 41.0
77 62.5 47.4 71.2



#65
1,4-Dichlorobenzene
Concen: 4.907 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035293.D
Acq: 18 Apr 2024 19:14

Tgt Ion:146 Resp: 24667
Ion Ratio Lower Upper
146 100
111 40.1 27.4 50.8
148 63.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 10.315 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035293.D

Acq: 18 Apr 2024 19:14

Instrument :

MSVOA_V

ClientSampleId :

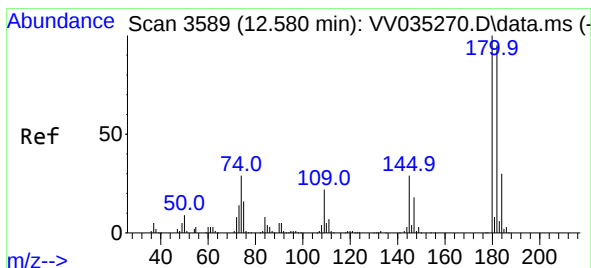
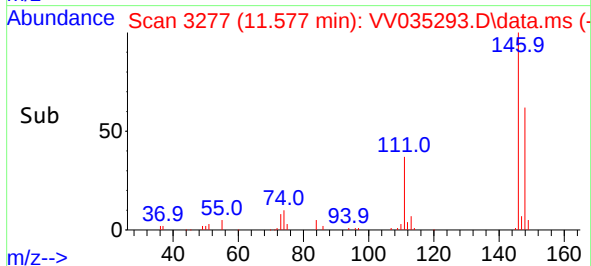
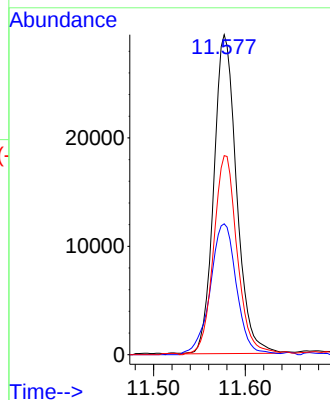
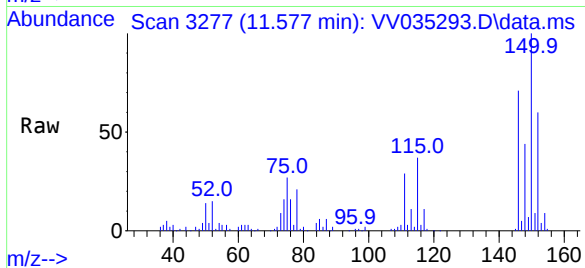
Tgt Ion:146 Resp: 50790

Ion Ratio Lower Upper

146 100

111 40.9 34.6 52.0

148 62.2 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 6.744 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035293.D

Acq: 18 Apr 2024 19:14

Tgt Ion:180 Resp: 24025

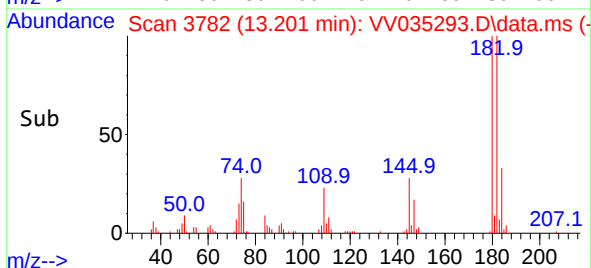
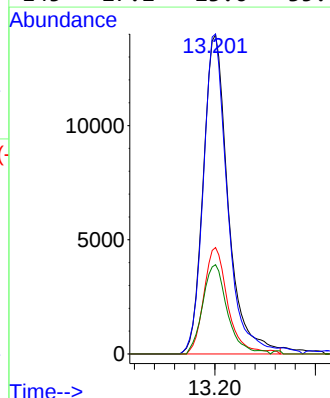
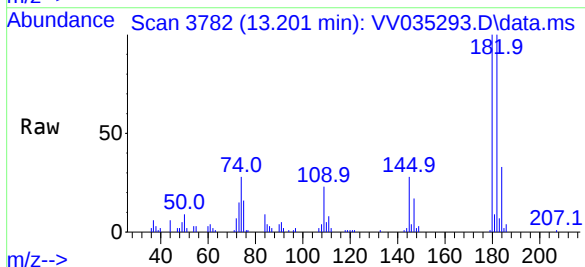
Ion Ratio Lower Upper

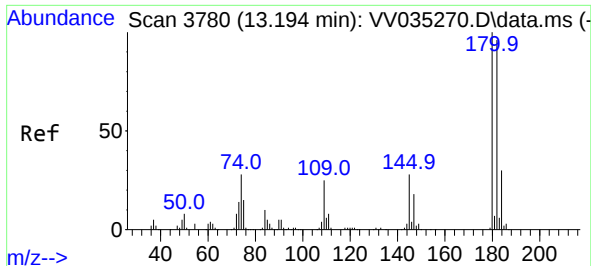
180 100

182 96.6 74.7 112.1

184 31.8 24.0 36.0

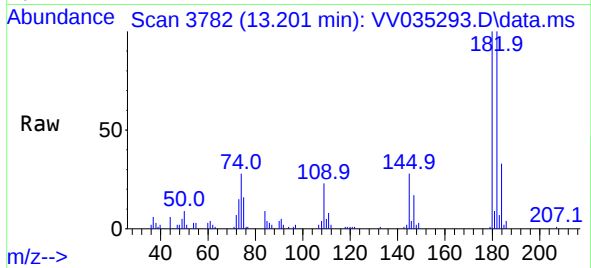
145 27.2 23.6 35.4



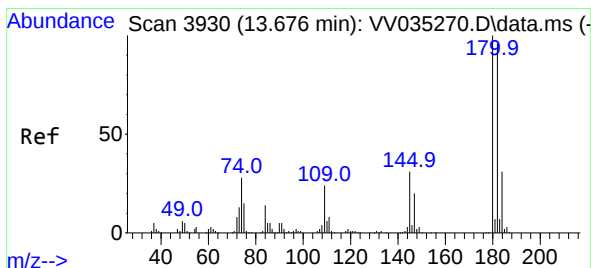
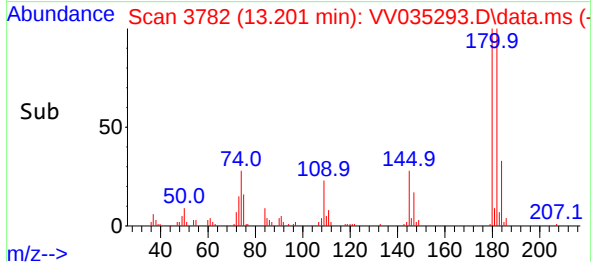
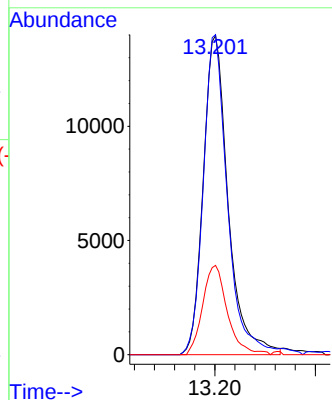


#70
1,2,4-trichlorobenzene
Concen: 7.342 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV035293.D
Acq: 18 Apr 2024 19:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 24025
Ion Ratio Lower Upper
180 100
182 96.6 75.6 113.4
145 27.2 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 1.977 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.010 min
Lab File: VV035293.D
Acq: 18 Apr 2024 19:14

Tgt Ion:180 Resp: 6377
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 30.1 25.8 38.6

