

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035274.D
 Acq On : 18 Apr 2024 11:37
 Operator : SY/MD
 Sample : P2158-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:42:09 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)

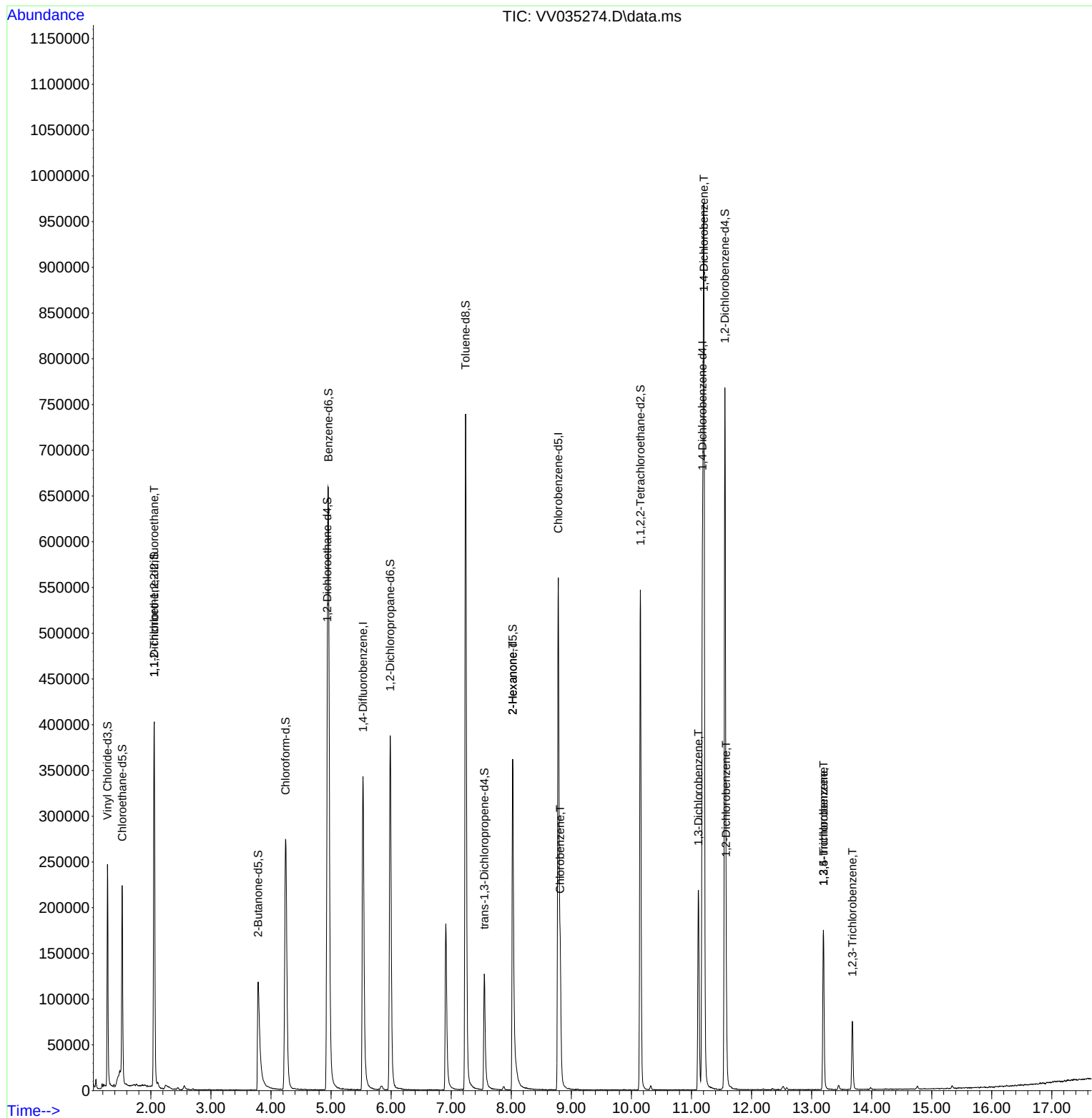
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159979	54.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.120%			
7) Chloroethane-d5	1.523	69	138976	54.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.140%			
11) 1,1-Dichloroethene-d2	2.056	65	68785	53.022	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.040%			
21) 2-Butanone-d5	3.786	46	193005	109.961	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.960%			
24) Chloroform-d	4.243	84	302847	60.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.720%			
26) 1,2-Dichloroethane-d4	4.937	65	191665	60.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.340%			
32) Benzene-d6	4.957	84	605826	59.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.520%			
36) 1,2-Dichloropropane-d6	5.986	67	198346	61.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 122.200%#			
41) Toluene-d8	7.240	98	511329	55.539	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.080%			
43) trans-1,3-Dichloroprop...	7.551	79	78114	49.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.000%			
47) 2-Hexanone-d5	8.024	63	127002	103.474	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.470%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	264719	59.216	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.440%			
66) 1,2-Dichlorobenzene-d4	11.558	152	193217	61.863	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.720%#			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2087	0.868	ug/L #	24
48) 2-Hexanone	8.024	43	15134	5.082	ug/L #	74
51) Chlorobenzene	8.815	112	89258	13.255	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	91586	19.542	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	375283	78.744	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	27849	5.965	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	56043	16.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	56043	18.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	24497	8.010	ug/L	98

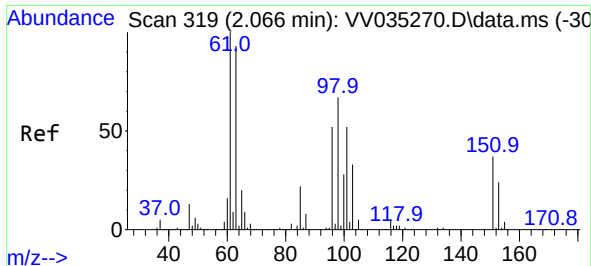
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 04:53:36 2024
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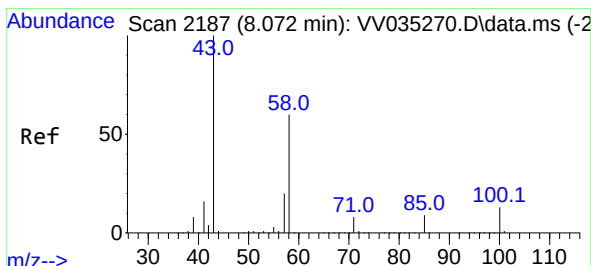
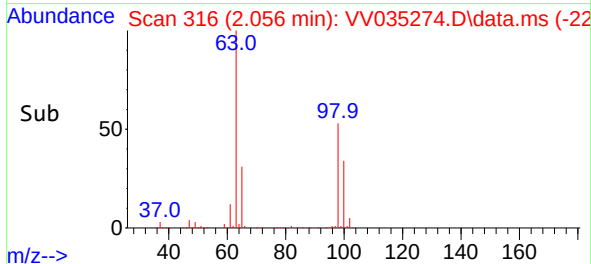
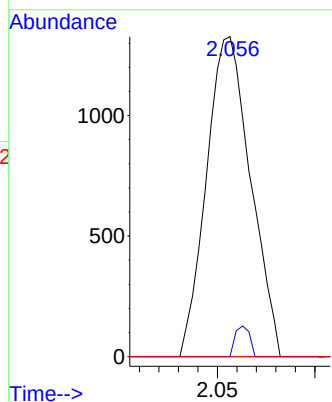
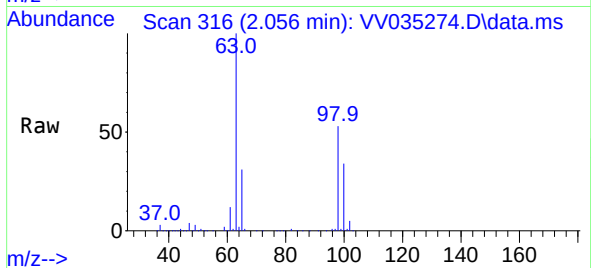




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.868 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV035274.D
Acq: 18 Apr 2024 11:37

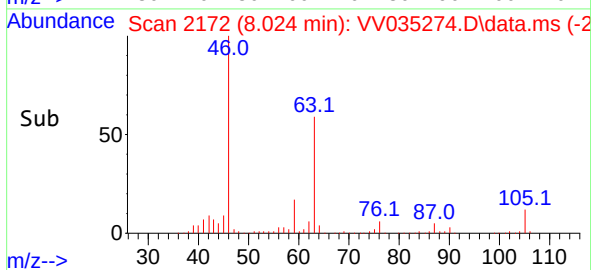
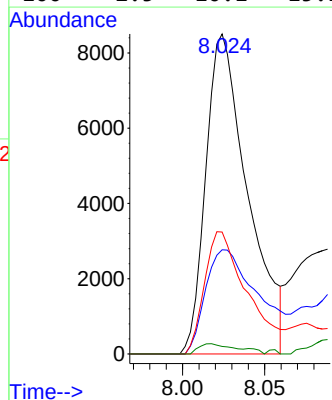
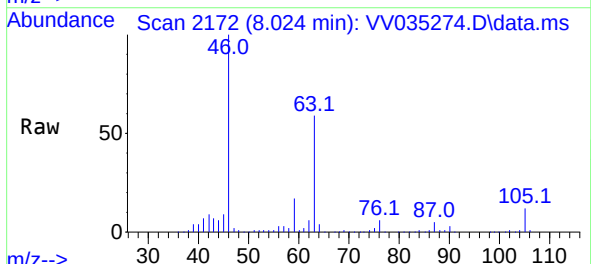
Instrument :
MSVOA_V
ClientSampleId :

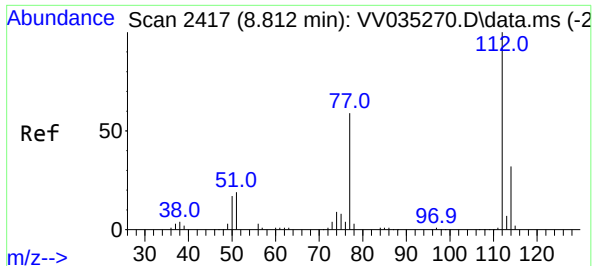
Tgt Ion:101 Resp: 2087
Ion Ratio Lower Upper
101 100
85 3.1 35.3 52.9#
151 0.0 55.0 82.4#



#48
2-Hexanone
Concen: 5.082 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.048 min
Lab File: VV035274.D
Acq: 18 Apr 2024 11:37

Tgt Ion: 43 Resp: 15134
Ion Ratio Lower Upper
43 100
58 41.3 45.4 68.2#
57 39.3 16.2 24.4#
100 2.5 10.1 15.1#





#51

Chlorobenzene

Concen: 13.255 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035274.D

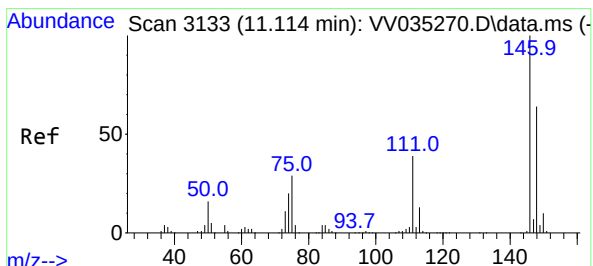
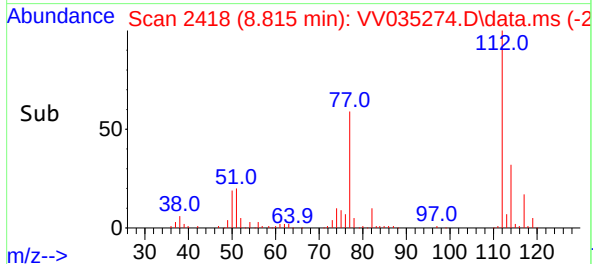
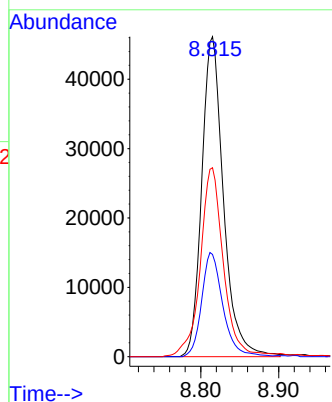
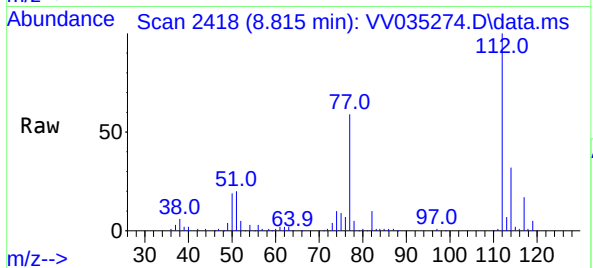
Acq: 18 Apr 2024 11:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	89258
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.0 41.0
77	59.1	47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 19.542 ug/L

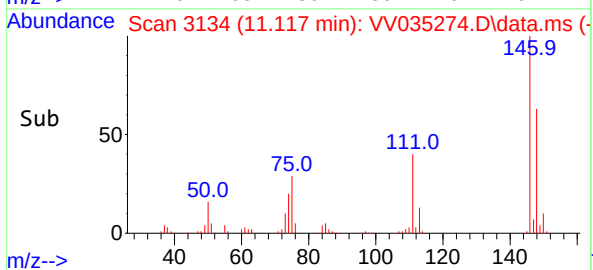
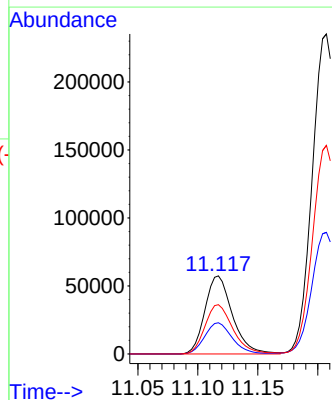
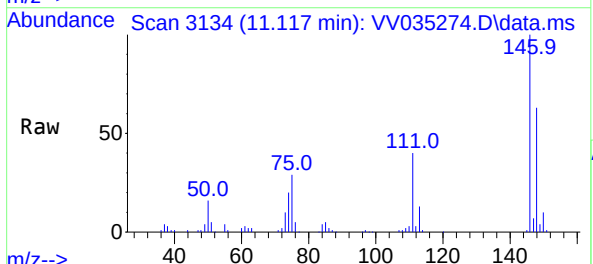
RT: 11.117 min Scan# 3134

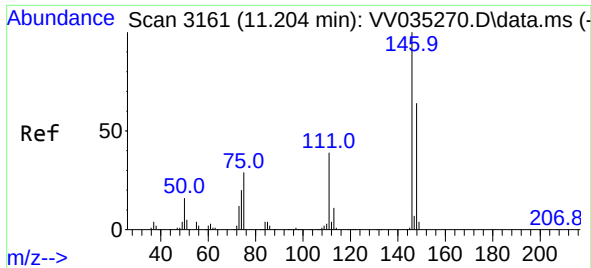
Delta R.T. 0.003 min

Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

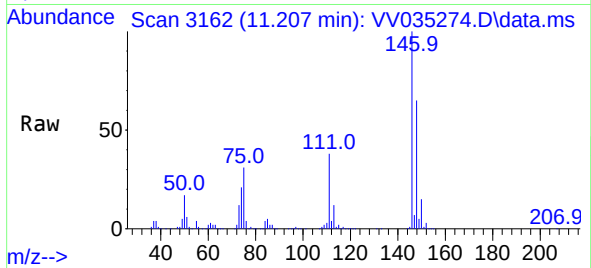
Tgt Ion:146	Resp:	91586
Ion Ratio	Lower	Upper
146	100	
111	40.0	28.7 53.3
148	63.0	44.0 81.8



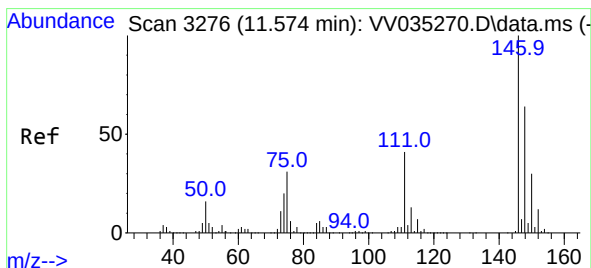
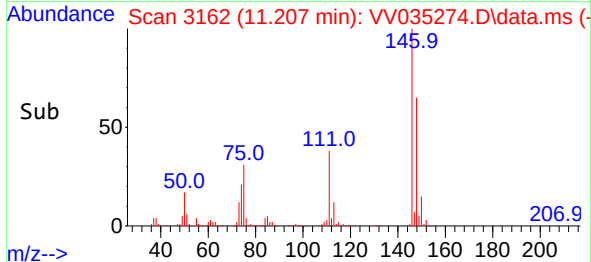
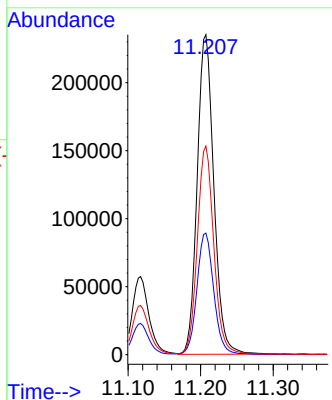


#65
1,4-Dichlorobenzene
Concen: 78.744 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV035274.D
Acq: 18 Apr 2024 11:37

Instrument :
MSVOA_V
ClientSampleId :

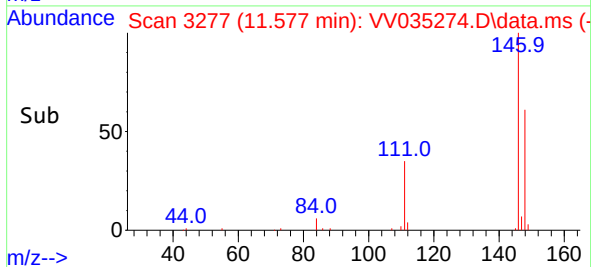
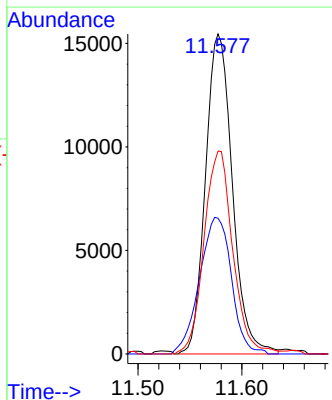
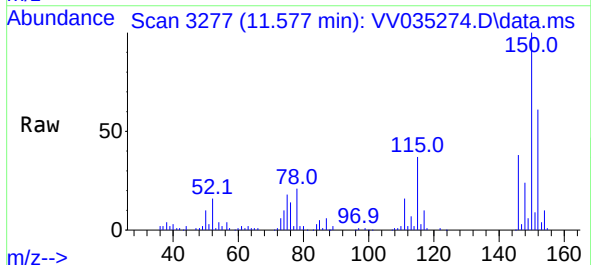


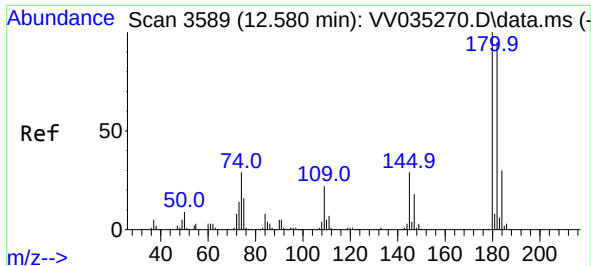
Tgt Ion:146 Resp: 375283
Ion Ratio Lower Upper
146 100
111 38.0 27.4 50.8
148 65.2 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 5.965 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035274.D
Acq: 18 Apr 2024 11:37

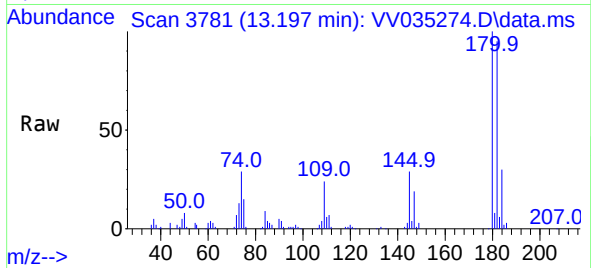
Tgt Ion:146 Resp: 27849
Ion Ratio Lower Upper
146 100
111 42.4 34.6 52.0
148 63.4 51.5 77.3



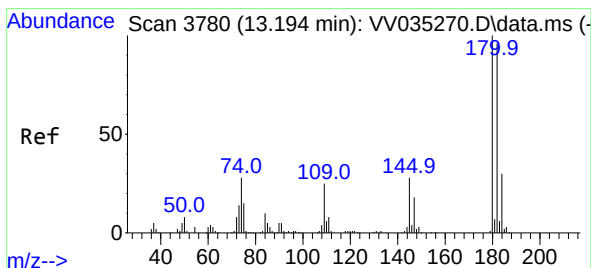
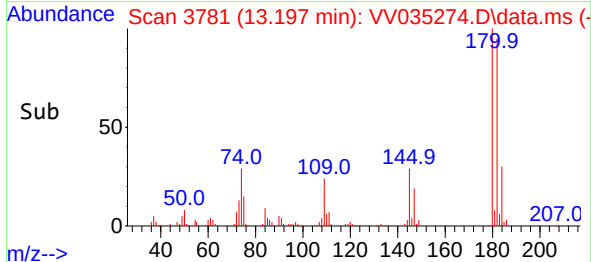
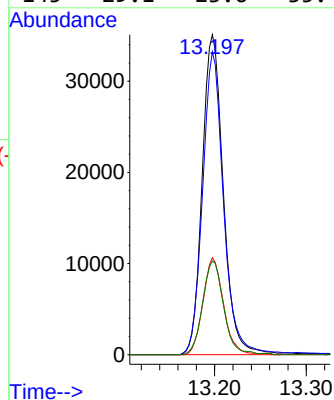


#69
1,3,5-Trichlorobenzene
Concen: 16.593 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.617 min
Lab File: VV035274.D
Acq: 18 Apr 2024 11:37

Instrument :
MSVOA_V
ClientSampleId :

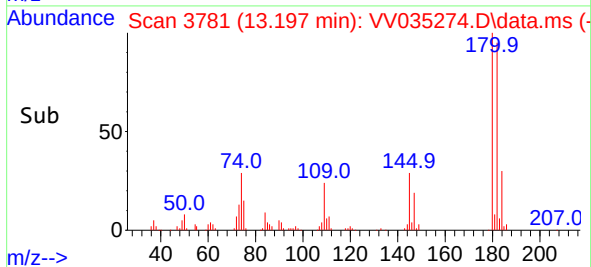
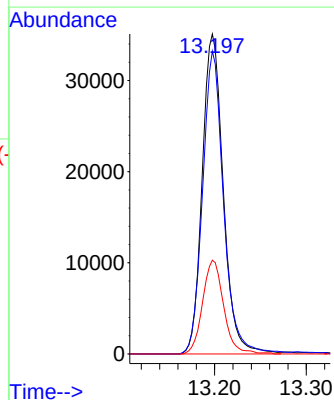
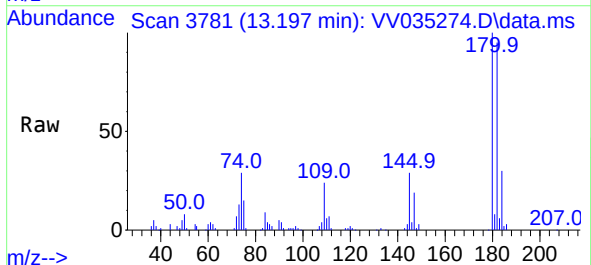


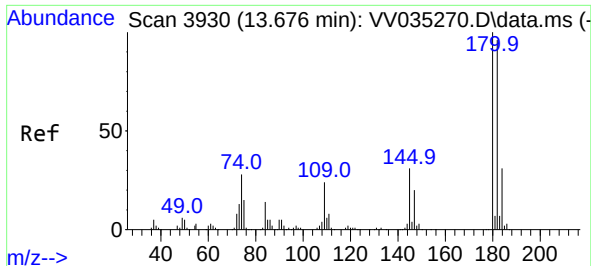
Tgt Ion:180 Resp: 56043
Ion Ratio Lower Upper
180 100
182 94.3 74.7 112.1
184 29.3 24.0 36.0
145 29.1 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 18.063 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035274.D
Acq: 18 Apr 2024 11:37

Tgt Ion:180 Resp: 56043
Ion Ratio Lower Upper
180 100
182 94.3 75.6 113.4
145 29.1 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 8.010 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

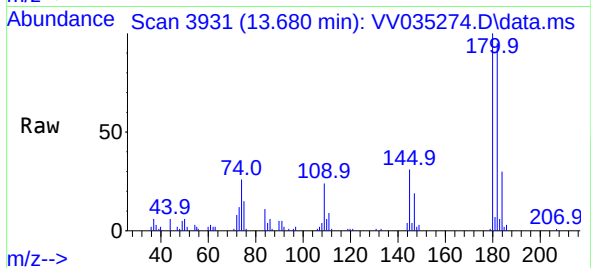
Lab File: VV035274.D

Acq: 18 Apr 2024 11:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 24497

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 29.6 25.8 38.6

