

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035284.D
 Acq On : 18 Apr 2024 15:38
 Operator : SY/MD
 Sample : P2158-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:43:27 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)

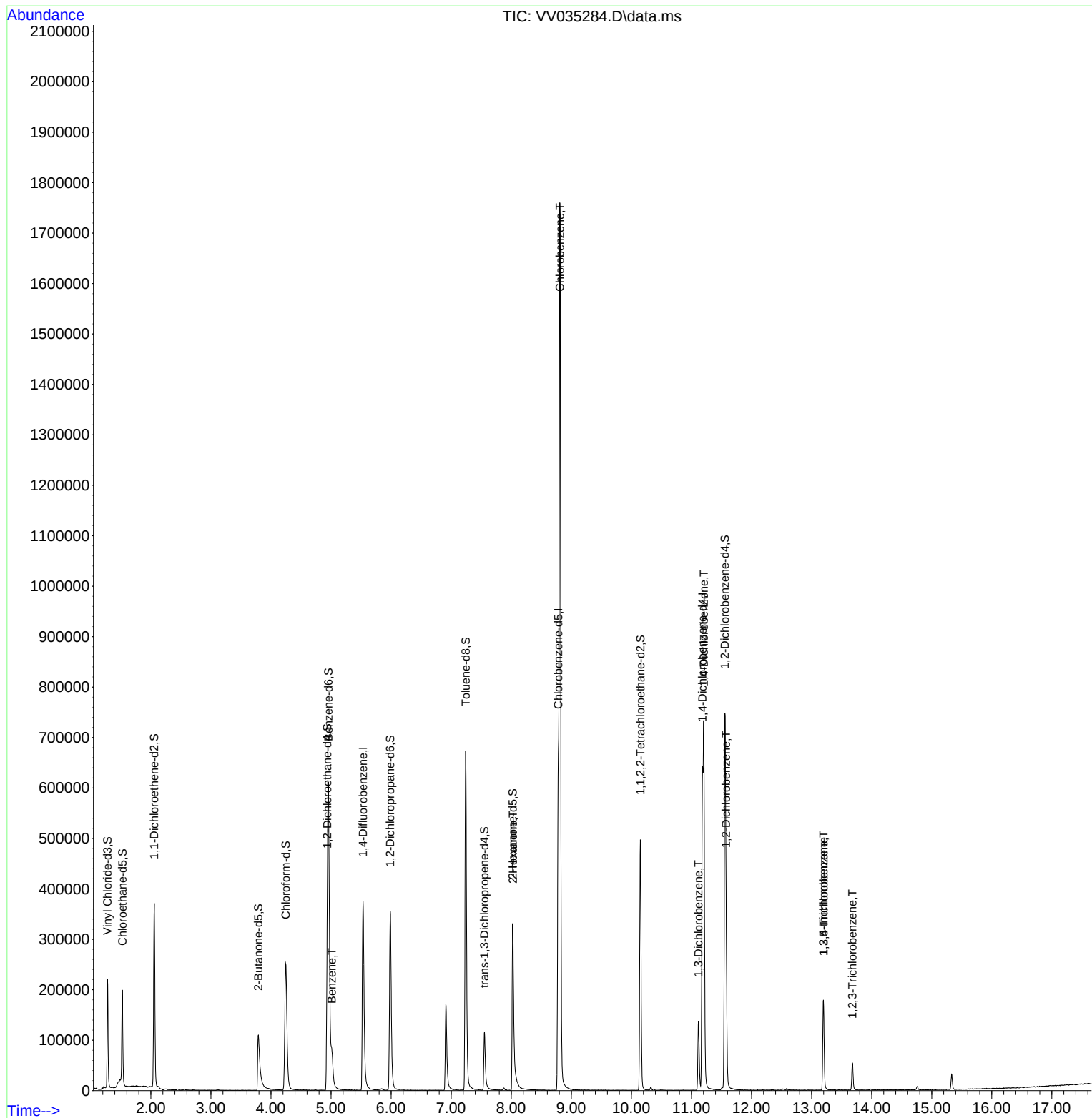
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332682	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322203	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143430	44.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.280%		
7) Chloroethane-d5	1.526	69	124947	44.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.540%		
11) 1,1-Dichloroethene-d2	2.056	65	63737	45.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.520%		
21) 2-Butanone-d5	3.789	46	187447	98.372	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.370%		
24) Chloroform-d	4.246	84	276823	51.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.500%		
26) 1,2-Dichloroethane-d4	4.937	65	178333	51.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.000%		
32) Benzene-d6	4.956	84	549780	50.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.600%		
36) 1,2-Dichloropropane-d6	5.985	67	181879	52.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.840%		
41) Toluene-d8	7.243	98	469075	48.125	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.260%		
43) trans-1,3-Dichloroprop...	7.554	79	71712	42.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.840%		
47) 2-Hexanone-d5	8.024	63	119064	91.630	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.630%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	248537	52.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.020%		
66) 1,2-Dichlorobenzene-d4	11.558	152	179246	53.517	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.040%		
Target Compounds					Qvalue	
33) Benzene	5.011	78	79692	7.585	ug/L	100
48) 2-Hexanone	8.027	43	13152	4.171	ug/L	# 72
51) Chlorobenzene	8.812	112	931596	130.675	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	58096	11.560	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	275426	53.891	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	110618	22.095	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	58727	16.214	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	58727	17.651	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	17698	5.396	ug/L	96

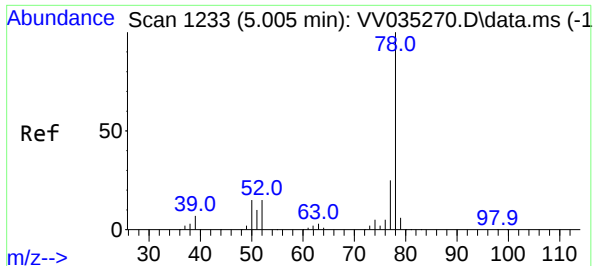
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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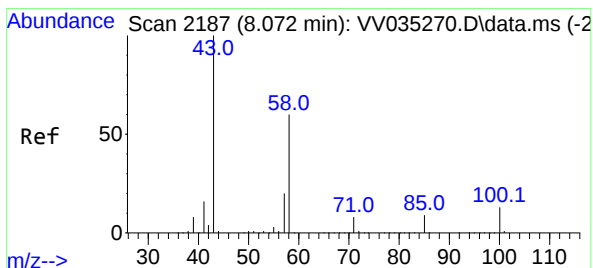
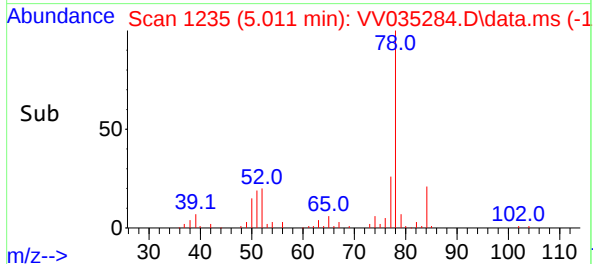
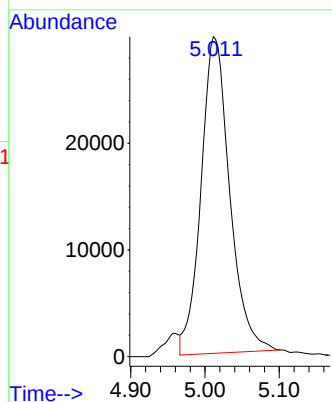
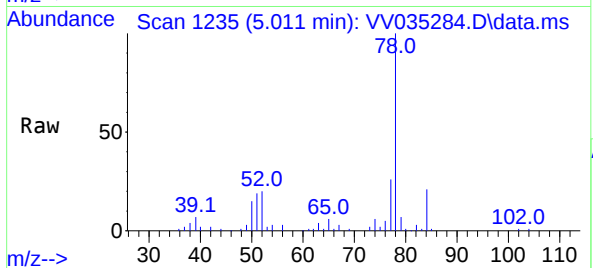




#33
Benzene
Concen: 7.585 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035284.D
Acq: 18 Apr 2024 15:38

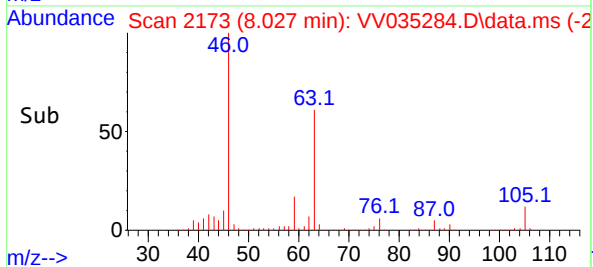
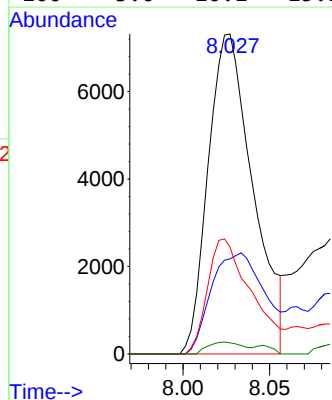
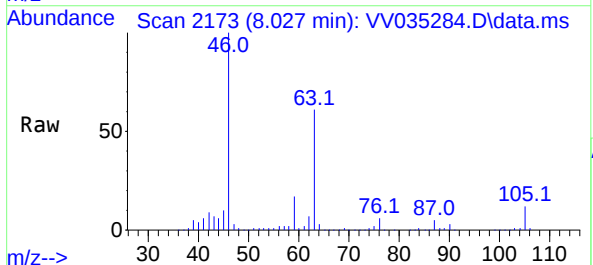
Instrument :
MSVOA_V
ClientSampleId :

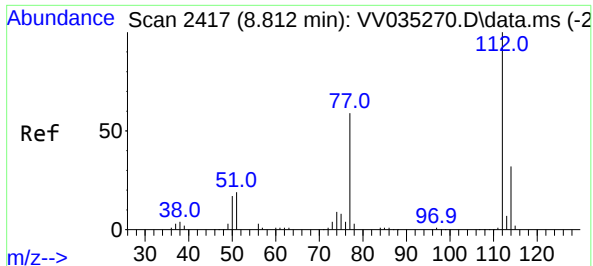
Tgt Ion: 78 Resp: 79692



#48
2-Hexanone
Concen: 4.171 ug/L
RT: 8.027 min Scan# 2173
Delta R.T. -0.045 min
Lab File: VV035284.D
Acq: 18 Apr 2024 15:38

Tgt Ion: 43 Resp: 13152
Ion Ratio Lower Upper
43 100
58 37.4 45.4 68.2#
57 35.9 16.2 24.4#
100 3.0 10.1 15.1#





#51

Chlorobenzene

Concen: 130.675 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035284.D

Acq: 18 Apr 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :

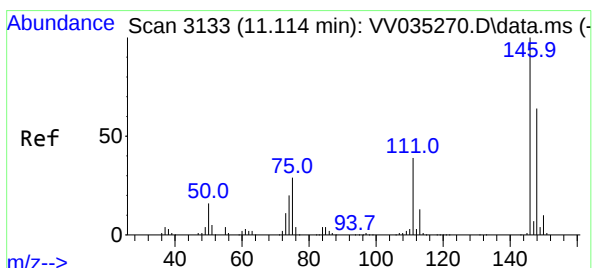
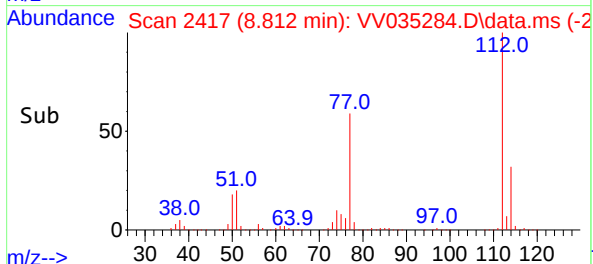
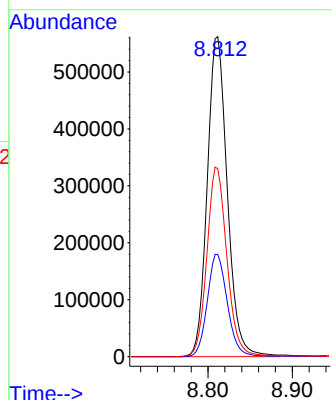
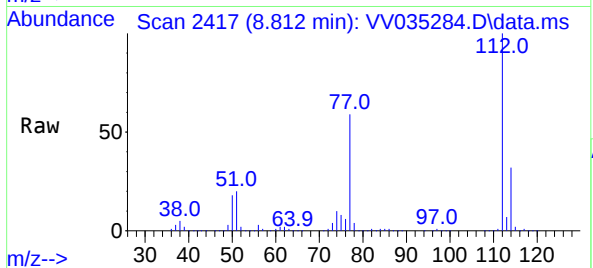
Tgt Ion:112 Resp: 931596

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 58.7 47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 11.560 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035284.D

Acq: 18 Apr 2024 15:38

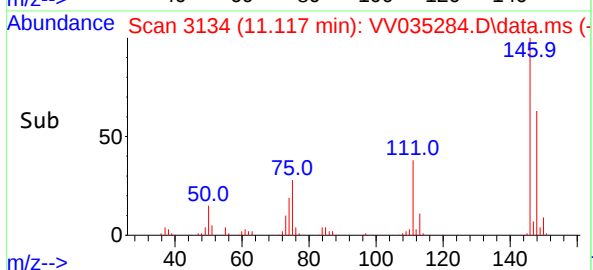
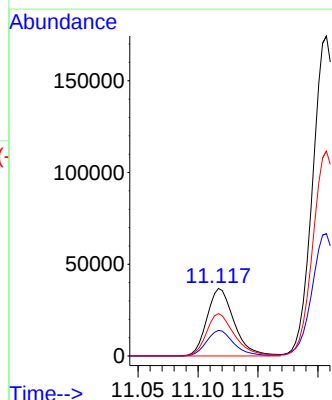
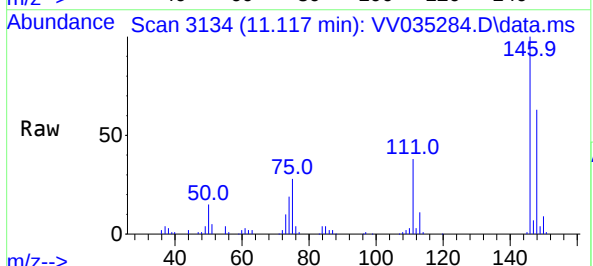
Tgt Ion:146 Resp: 58096

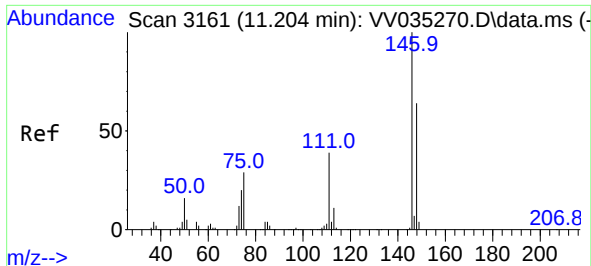
Ion Ratio Lower Upper

146 100

111 37.8 28.7 53.3

148 62.7 44.0 81.8

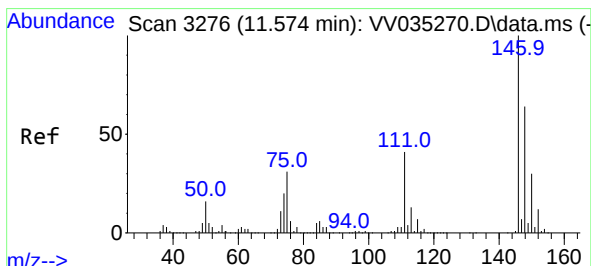
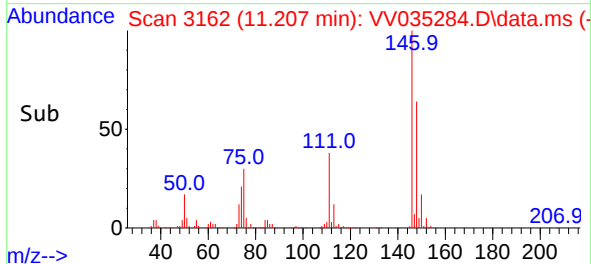
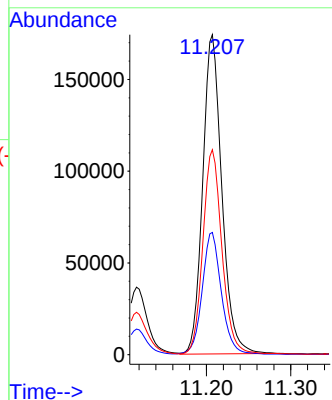
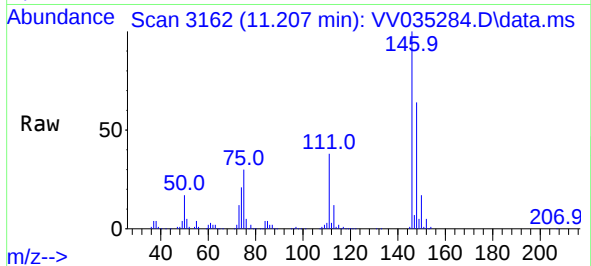




#65
1,4-Dichlorobenzene
Concen: 53.891 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV035284.D
Acq: 18 Apr 2024 15:38

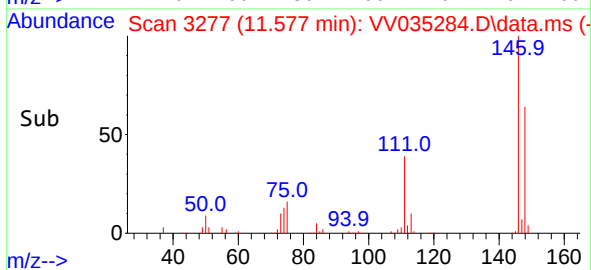
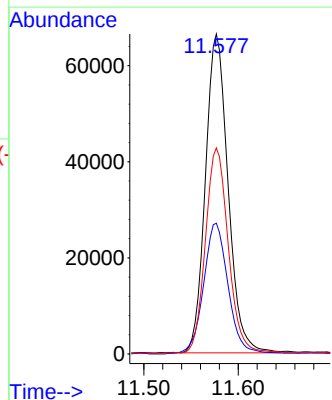
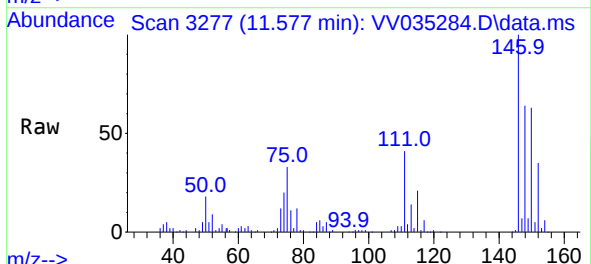
Instrument :
MSVOA_V
ClientSampleId :

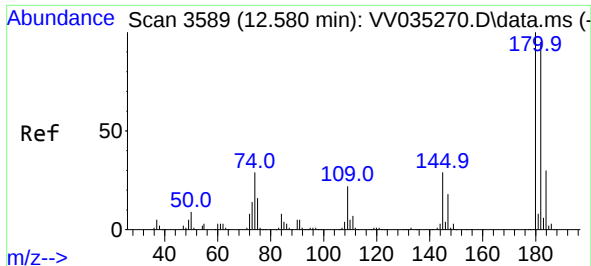
Tgt Ion:146 Resp: 275426
Ion Ratio Lower Upper
146 100
111 38.2 27.4 50.8
148 64.0 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 22.095 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV035284.D
Acq: 18 Apr 2024 15:38

Tgt Ion:146 Resp: 110618
Ion Ratio Lower Upper
146 100
111 40.9 34.6 52.0
148 64.4 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 16.214 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.617 min

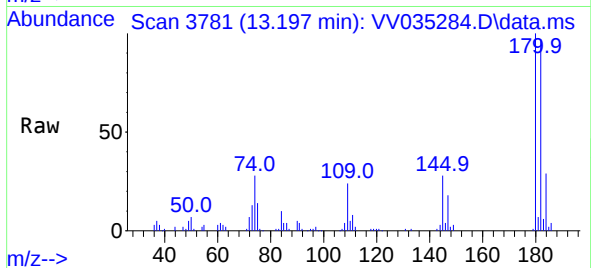
Lab File: VV035284.D

Acq: 18 Apr 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 58727

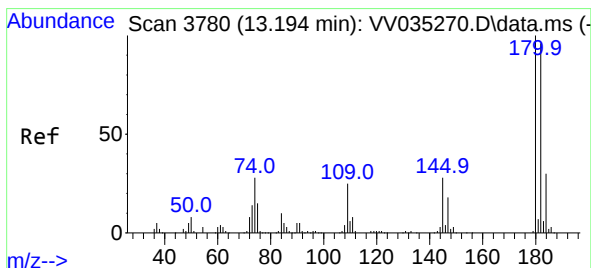
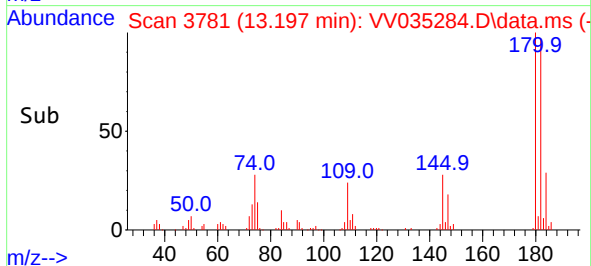
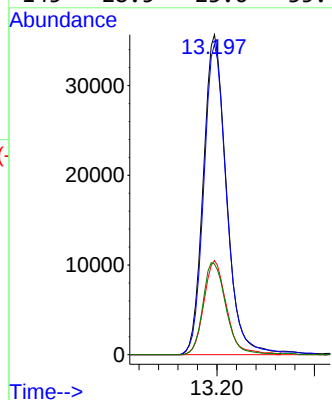
Ion Ratio Lower Upper

180 100

182 96.1 74.7 112.1

184 28.7 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 17.651 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035284.D

Acq: 18 Apr 2024 15:38

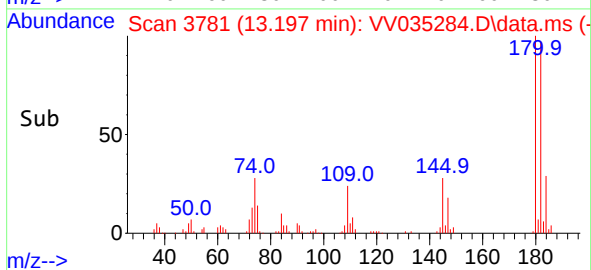
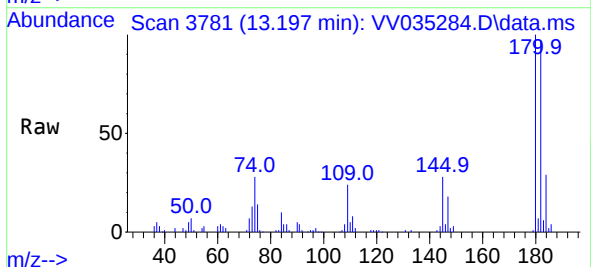
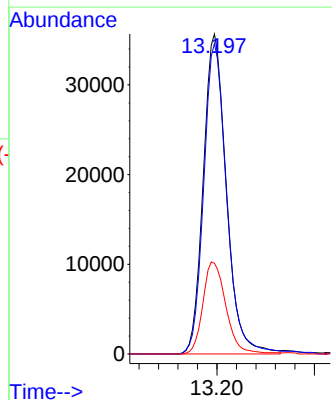
Tgt Ion:180 Resp: 58727

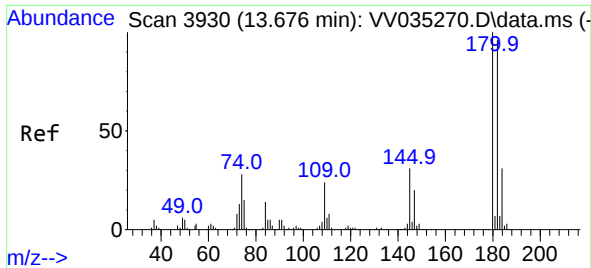
Ion Ratio Lower Upper

180 100

182 96.1 75.6 113.4

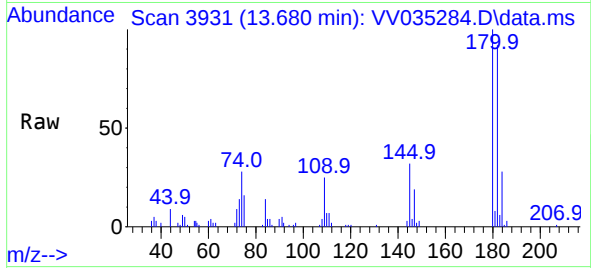
145 28.5 24.1 36.1





#72
1,2,3-Trichlorobenzene
Concen: 5.396 ug/L
RT: 13.680 min Scan# 3930
Delta R.T. 0.003 min
Lab File: VV035284.D
Acq: 18 Apr 2024 15:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	17698
Ion	Ratio	Lower	Upper
180	100		
182	91.2	76.2	114.2
145	30.2	25.8	38.6

