

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035292.D
 Acq On : 18 Apr 2024 18:50
 Operator : SY/MD
 Sample : P2157-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:44:27 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)

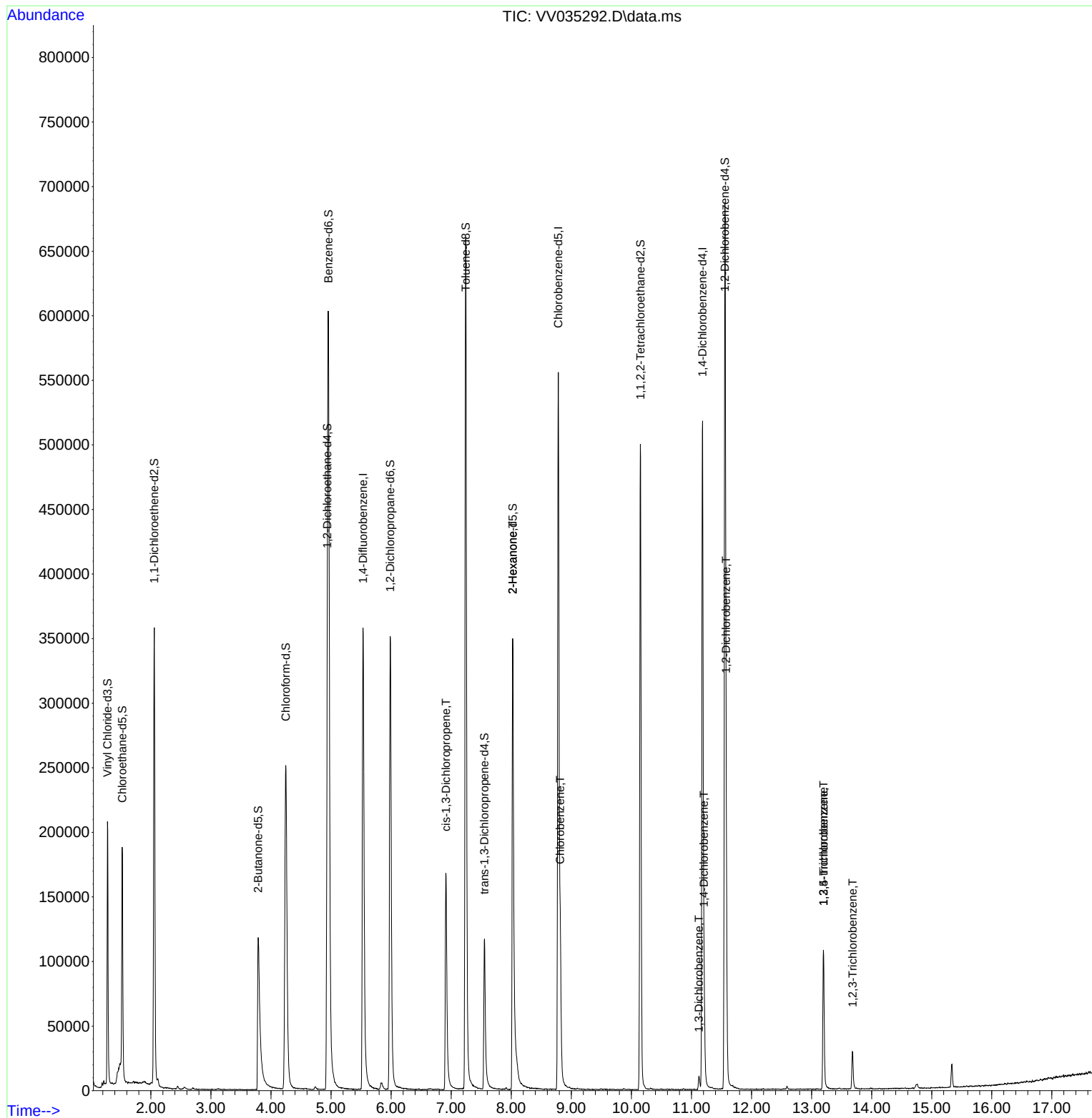
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	318814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	305965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	138461	44.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.940%		
7) Chloroethane-d5	1.523	69	119972	44.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.720%		
11) 1,1-Dichloroethene-d2	2.056	65	60493	44.821	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.640%		
21) 2-Butanone-d5	3.786	46	205234	112.391	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.390%		
24) Chloroform-d	4.246	84	276680	53.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.900%		
26) 1,2-Dichloroethane-d4	4.937	65	175632	53.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.880%		
32) Benzene-d6	4.957	84	545746	53.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.200%		
36) 1,2-Dichloropropane-d6	5.986	67	181429	55.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.180%		
41) Toluene-d8	7.243	98	463041	50.027	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.060%		
43) trans-1,3-Dichloroprop...	7.555	79	74206	46.771	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.540%		
47) 2-Hexanone-d5	8.024	63	124928	101.245	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.250%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249533	55.523	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.040%		
66) 1,2-Dichlorobenzene-d4	11.558	152	170239	56.309	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.620%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.915	75	4584	1.055	ug/L #	70
48) 2-Hexanone	8.024	43	14265	4.764	ug/L #	77
51) Chlorobenzene	8.815	112	71617	10.579	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	4669	1.029	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	32028	6.943	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	70477	15.595	ug/L	100
69) 1,3,5-Trichlorobenzene	13.197	180	35145	10.749	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	35145	11.702	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	10071	3.402	ug/L	96

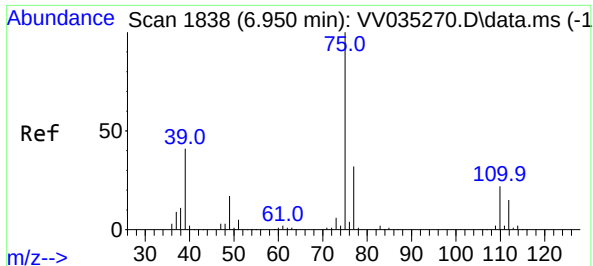
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.055 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Instrument :

MSVOA_V

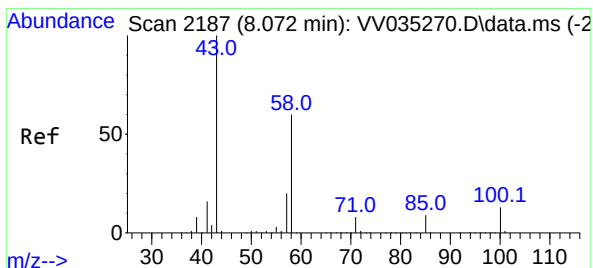
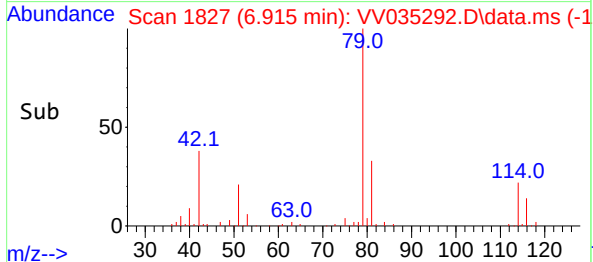
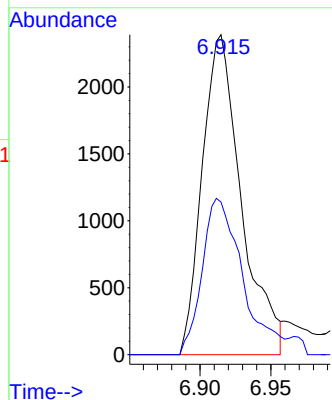
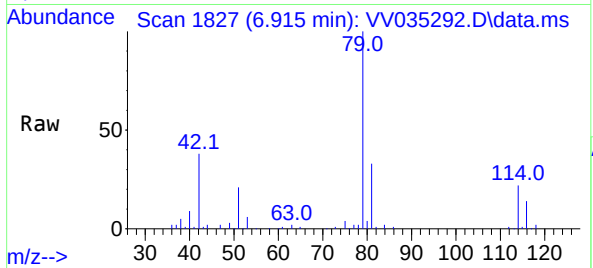
ClientSampleId :

Tgt Ion: 75 Resp: 4584

Ion Ratio Lower Upper

75 100

77 47.7 21.9 40.7#



#48

2-Hexanone

Concen: 4.764 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Tgt Ion: 43 Resp: 14265

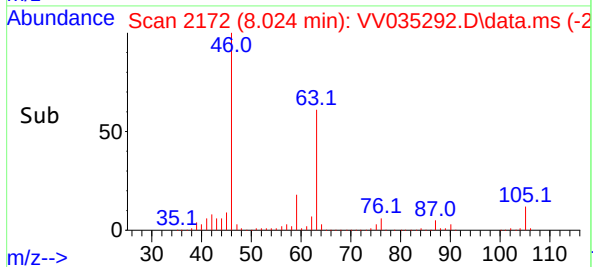
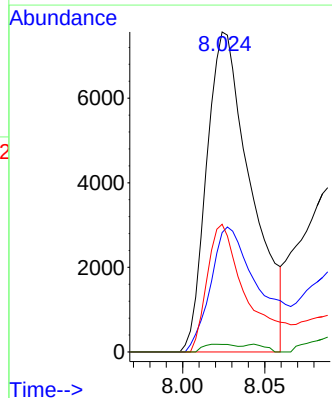
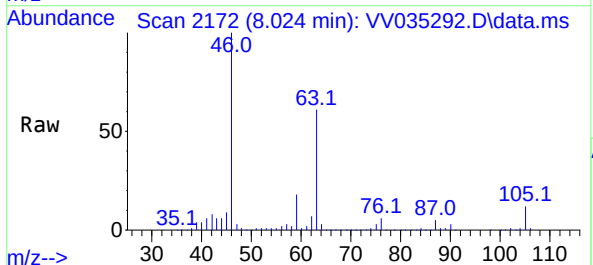
Ion Ratio Lower Upper

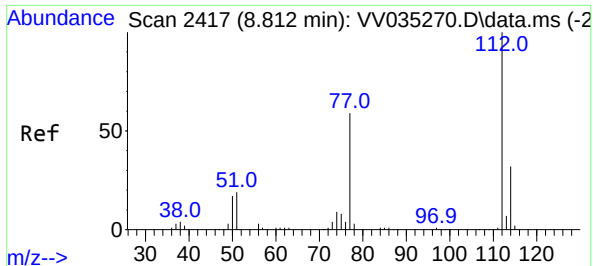
43 100

58 43.7 45.4 68.2#

57 36.3 16.2 24.4#

100 1.7 10.1 15.1#





#51

Chlorobenzene

Concen: 10.579 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035292.D

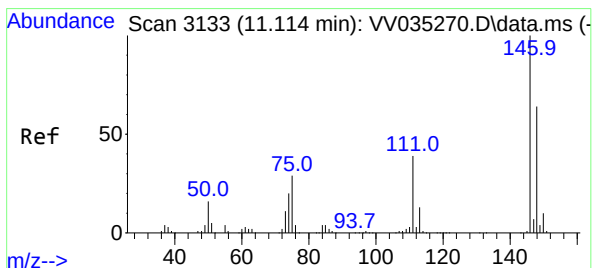
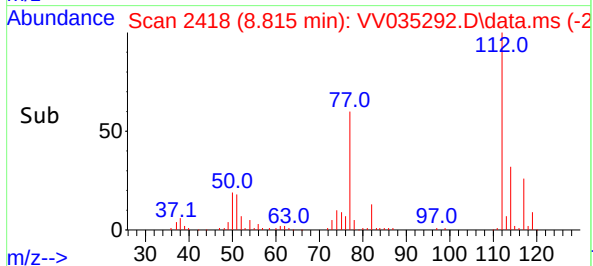
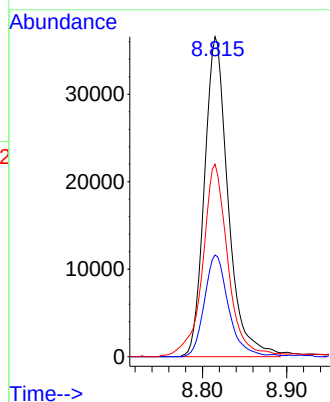
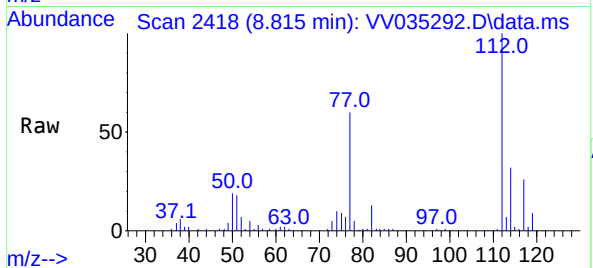
Acq: 18 Apr 2024 18:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	71617
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.0 41.0
77	60.2	47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 1.029 ug/L

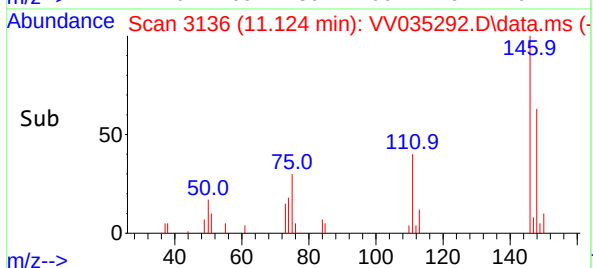
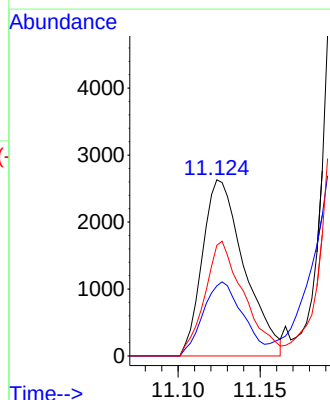
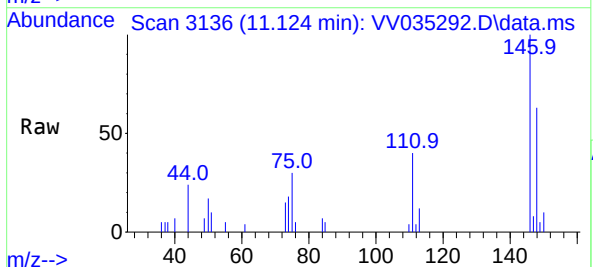
RT: 11.124 min Scan# 3136

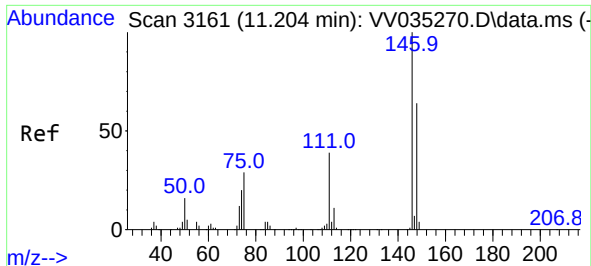
Delta R.T. 0.010 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Tgt Ion:146	Resp:	4669
Ion Ratio	Lower	Upper
146	100	
111	39.8	28.7 53.3
148	62.9	44.0 81.8

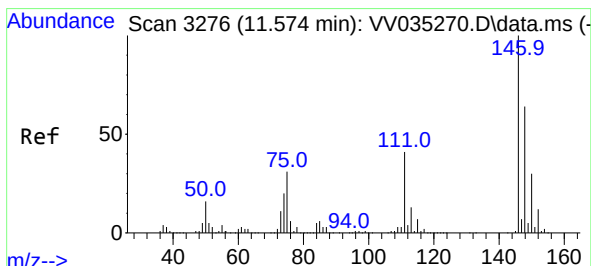
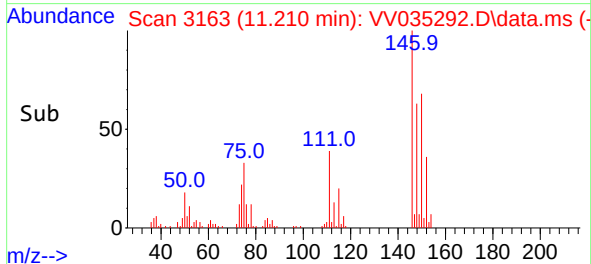
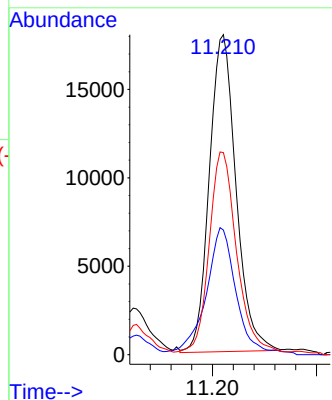
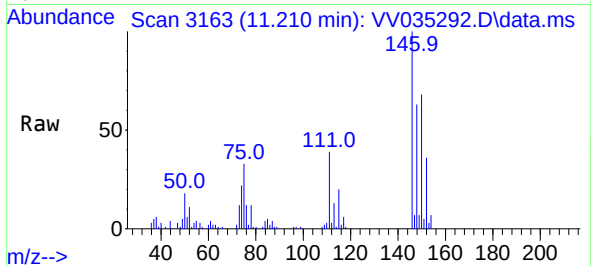




#65
1,4-Dichlorobenzene
Concen: 6.943 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV035292.D
Acq: 18 Apr 2024 18:50

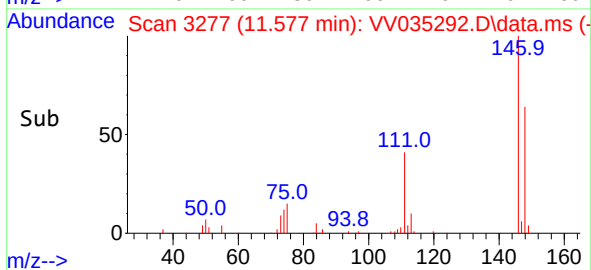
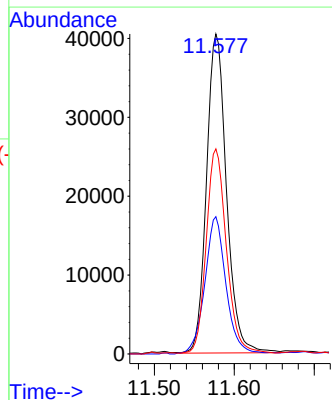
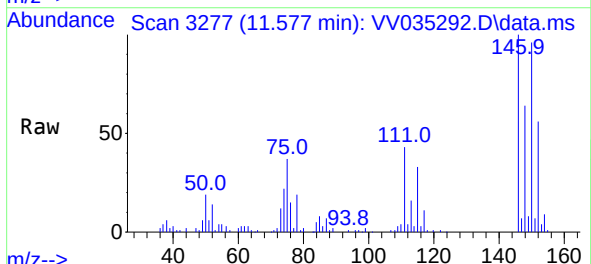
Instrument :
MSVOA_V
ClientSampleId :

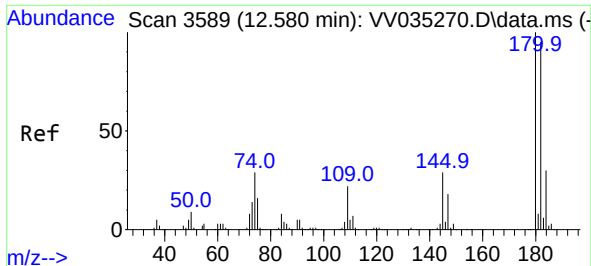
Tgt Ion:146 Resp: 32028
Ion Ratio Lower Upper
146 100
111 38.9 27.4 50.8
148 63.2 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 15.595 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035292.D
Acq: 18 Apr 2024 18:50

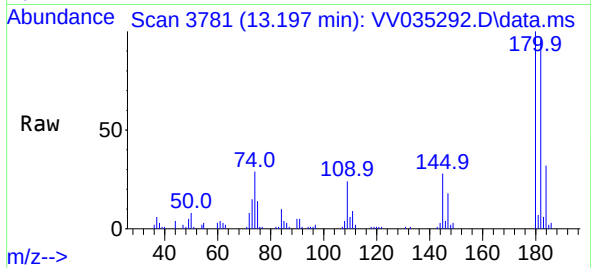
Tgt Ion:146 Resp: 70477
Ion Ratio Lower Upper
146 100
111 42.9 34.6 52.0
148 64.1 51.5 77.3



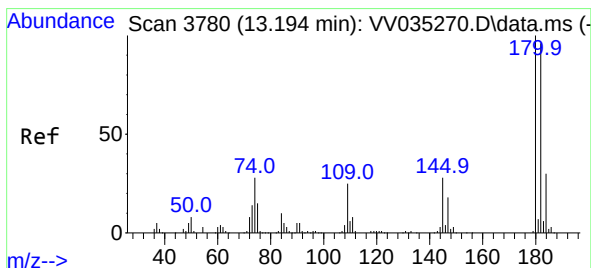
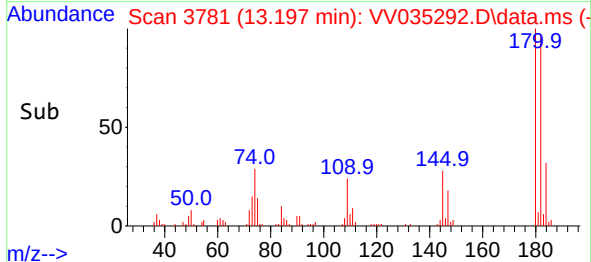
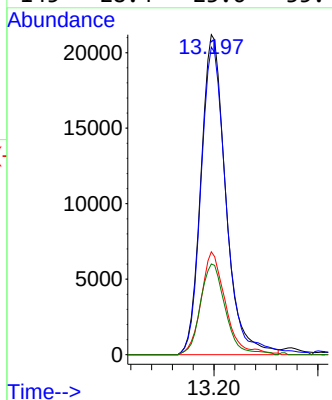


#69
 1,3,5-Trichlorobenzene
 Concen: 10.749 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.617 min
 Lab File: VV035292.D
 Acq: 18 Apr 2024 18:50

Instrument :
 MSVOA_V
 ClientSampleId :

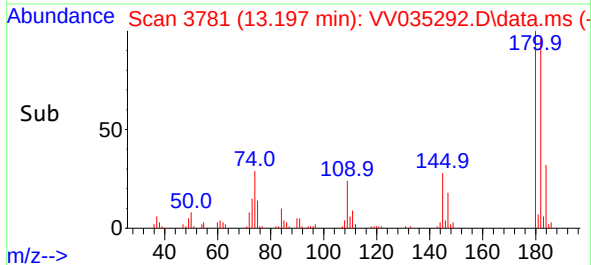
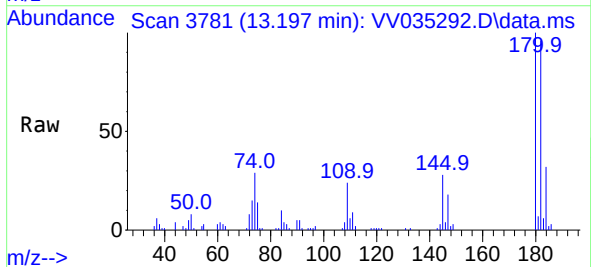
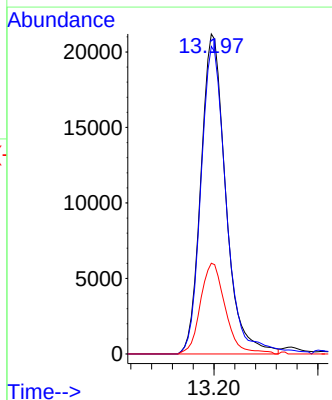


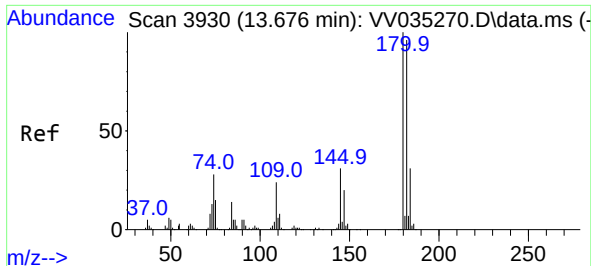
Tgt Ion:180 Resp: 35145
 Ion Ratio Lower Upper
 180 100
 182 97.5 74.7 112.1
 184 30.8 24.0 36.0
 145 28.4 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 11.702 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.003 min
 Lab File: VV035292.D
 Acq: 18 Apr 2024 18:50

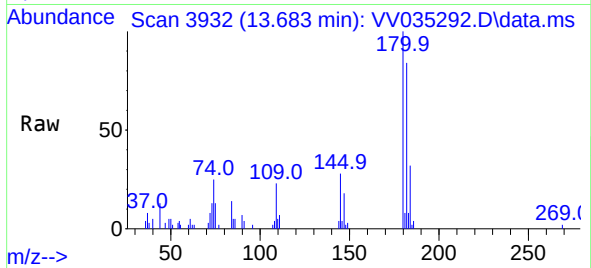
Tgt Ion:180 Resp: 35145
 Ion Ratio Lower Upper
 180 100
 182 97.5 75.6 113.4
 145 28.4 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 3.402 ug/L
 RT: 13.683 min Scan# 3930
 Delta R.T. 0.006 min
 Lab File: VV035292.D
 Acq: 18 Apr 2024 18:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	10071
Ion	Ratio	Lower	Upper
180	100		
182	91.5	76.2	114.2
145	30.0	25.8	38.6

