

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035291.D
 Acq On : 18 Apr 2024 18:26
 Operator : SY/MD
 Sample : P2157-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:44:20 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)

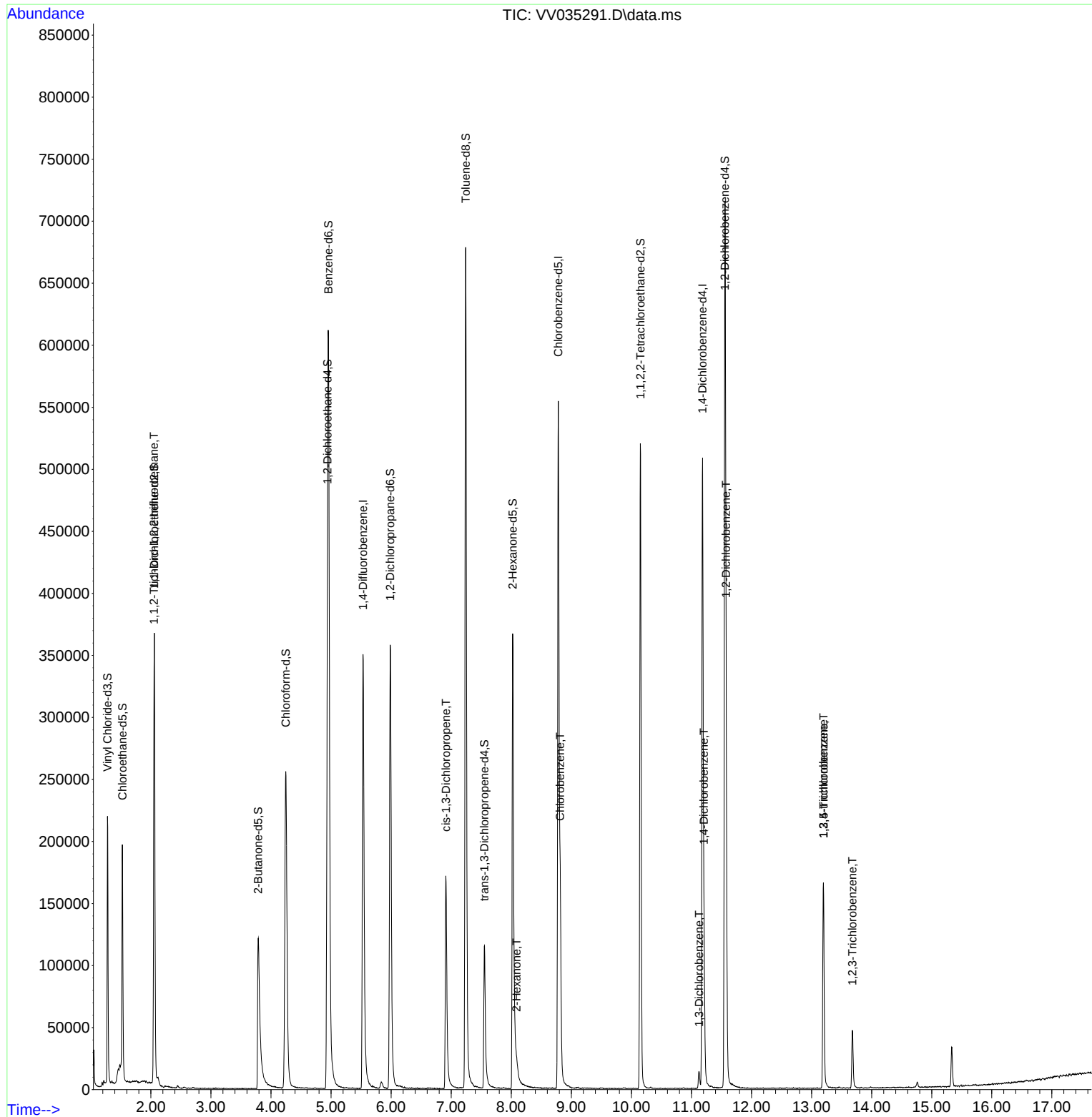
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	316346	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302786	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	133582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142668	46.698	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.400%		
7) Chloroethane-d5	1.526	69	124744	47.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.020%		
11) 1,1-Dichloroethene-d2	2.056	65	63228	47.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.420%		
21) 2-Butanone-d5	3.786	46	212855	117.474	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.470%		
24) Chloroform-d	4.246	84	280553	54.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.240%		
26) 1,2-Dichloroethane-d4	4.940	65	178693	54.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.580%		
32) Benzene-d6	4.956	84	555350	54.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.200%		
36) 1,2-Dichloropropane-d6	5.985	67	186232	57.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	115.320%		
41) Toluene-d8	7.243	98	469828	51.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.580%		
43) trans-1,3-Dichloroprop...	7.554	79	75106	47.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.660%		
47) 2-Hexanone-d5	8.024	63	129419	105.986	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.990%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	256716	57.721	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.440%		
66) 1,2-Dichlorobenzene-d4	11.557	152	171547	57.197	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.400%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1854	0.747	ug/L #	24
39) cis-1,3-Dichloropropene	6.911	75	4619	1.075	ug/L #	53
48) 2-Hexanone	8.088	43	12088	4.080	ug/L #	77
51) Chlorobenzene	8.815	112	99279	14.819	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	6143	1.365	ug/L	90
65) 1,4-Dichlorobenzene	11.207	146	44966	9.825	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	98609	21.995	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	55050	16.973	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	55050	18.477	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	15350	5.227	ug/L	97

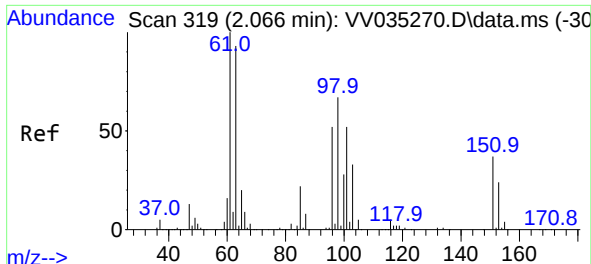
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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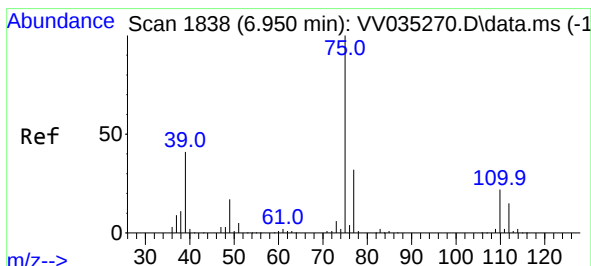
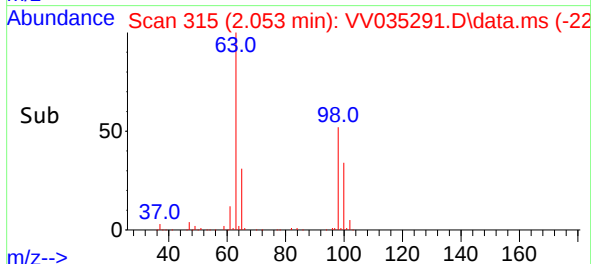
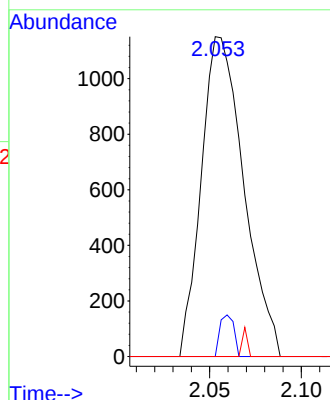
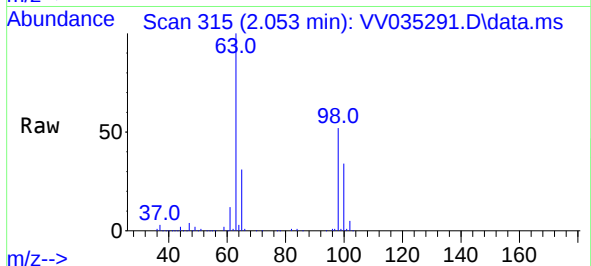




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.747 ug/L
RT: 2.053 min Scan# 319
Delta R.T. -0.013 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

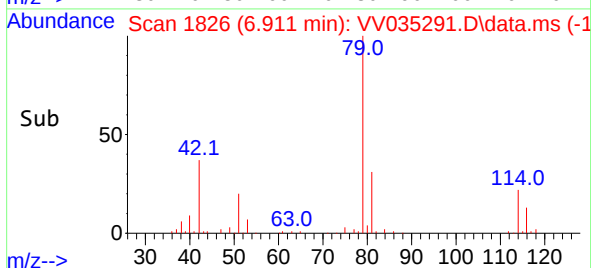
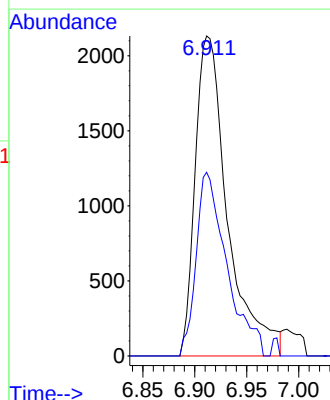
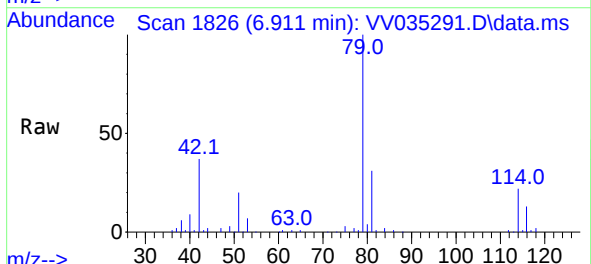
Instrument :
MSVOA_V
ClientSampleId :

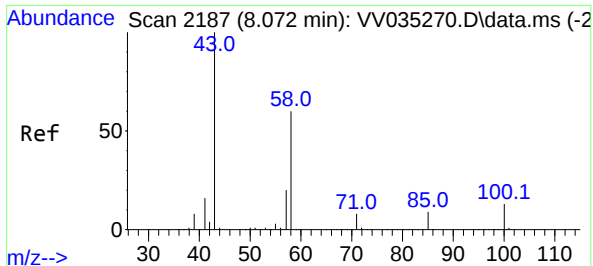
Tgt Ion:101 Resp: 1854
Ion Ratio Lower Upper
101 100
85 4.3 35.3 52.9#
151 0.0 55.0 82.4#



#39
cis-1,3-Dichloropropene
Concen: 1.075 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

Tgt Ion: 75 Resp: 4619
Ion Ratio Lower Upper
75 100
77 57.4 21.9 40.7#

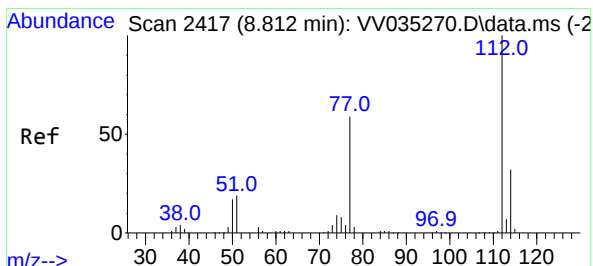
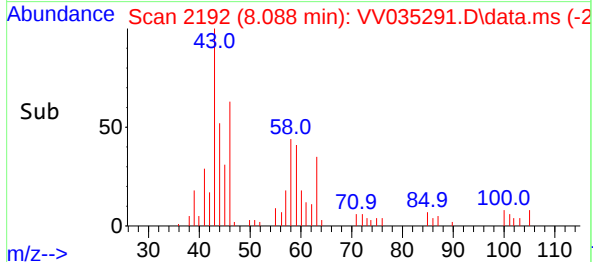
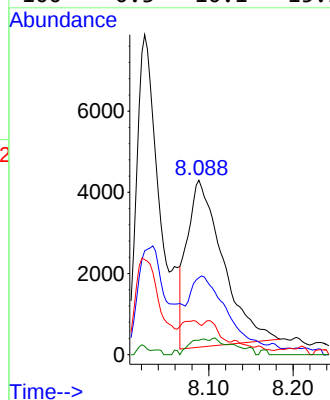
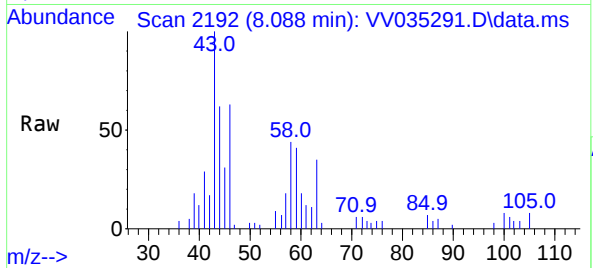




#48
2-Hexanone
Concen: 4.080 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

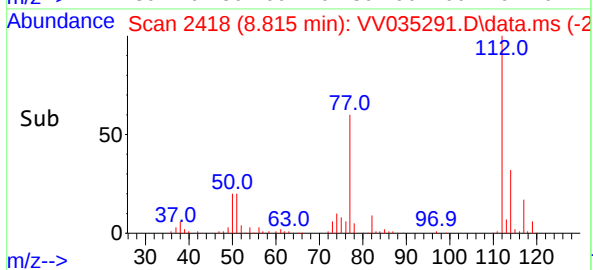
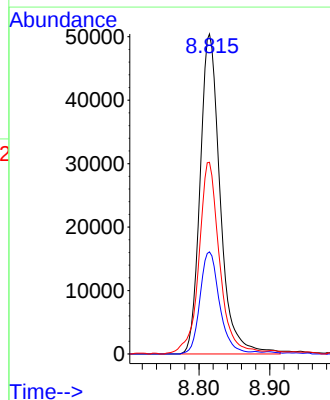
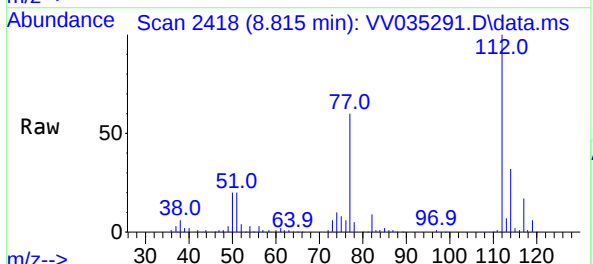
Instrument :
MSVOA_V
ClientSampleId :

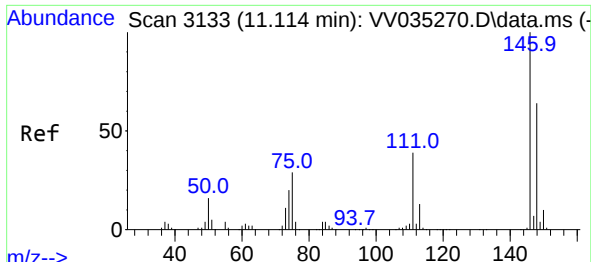
Tgt Ion: 43	Resp: 12088
Ion Ratio	Lower Upper
43 100	
58 45.8	45.4 68.2
57 1.0	16.2 24.4#
100 0.3	10.1 15.1#



#51
Chlorobenzene
Concen: 14.819 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

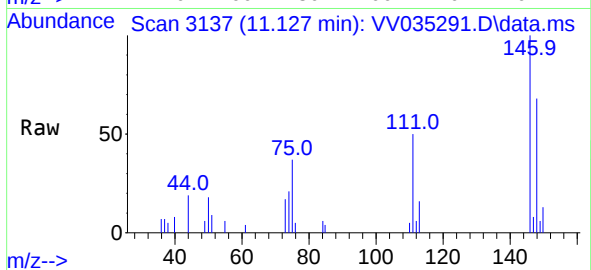
Tgt Ion:112	Resp:	99279	
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	59.9	47.4	71.2



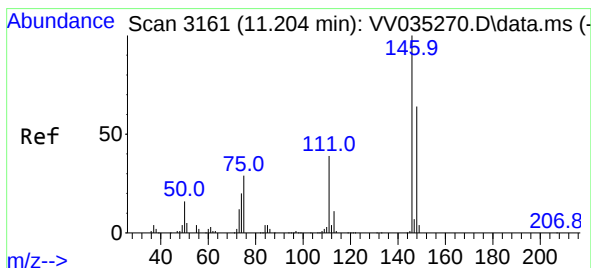
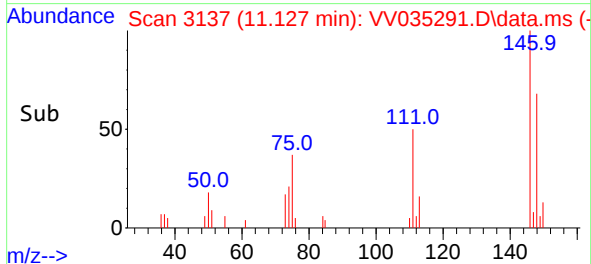
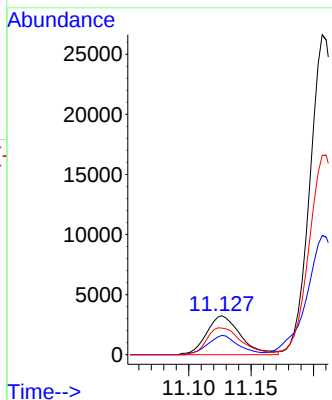


#64
1,3-Dichlorobenzene
Concen: 1.365 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

Instrument :
MSVOA_V
ClientSampleId :

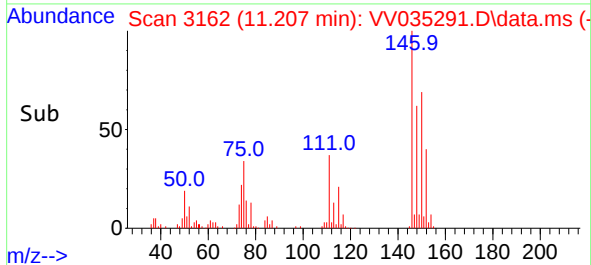
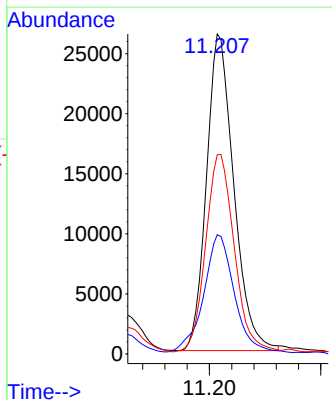
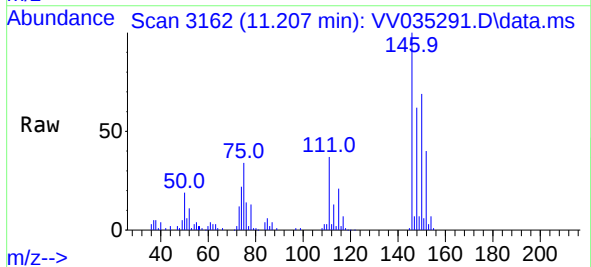


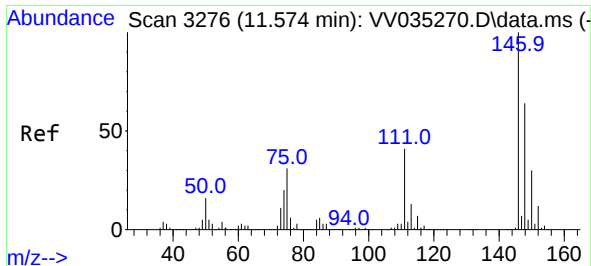
Tgt Ion:146 Resp: 6143
Ion Ratio Lower Upper
146 100
111 49.6 28.7 53.3
148 68.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 9.825 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

Tgt Ion:146 Resp: 44966
Ion Ratio Lower Upper
146 100
111 37.2 27.4 50.8
148 62.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 21.995 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035291.D

Acq: 18 Apr 2024 18:26

Instrument :

MSVOA_V

ClientSampleId :

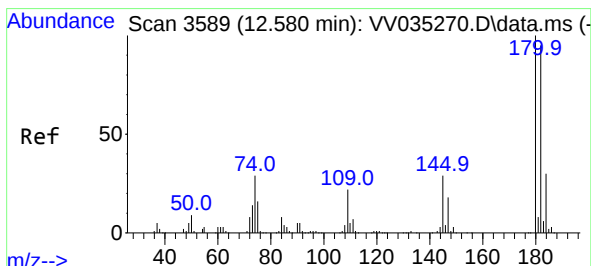
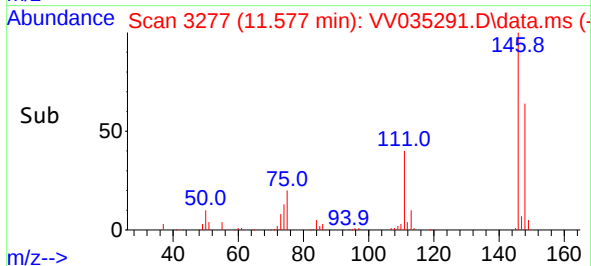
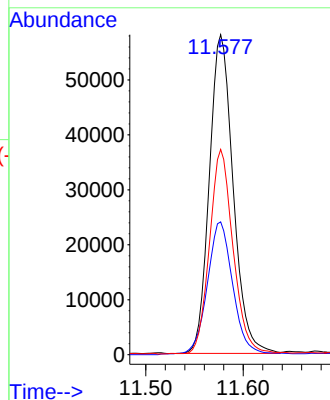
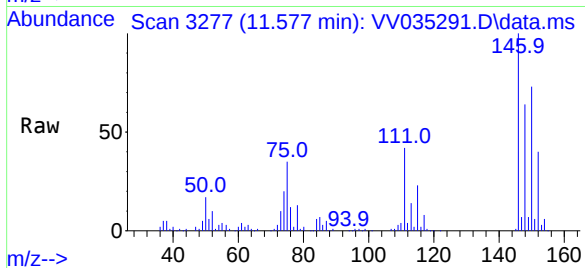
Tgt Ion:146 Resp: 98609

Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 64.2 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 16.973 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035291.D

Acq: 18 Apr 2024 18:26

Tgt Ion:180 Resp: 55050

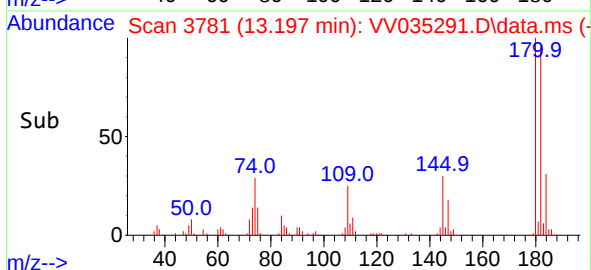
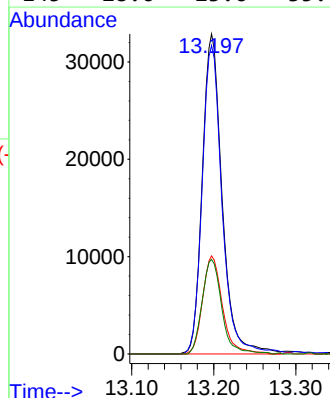
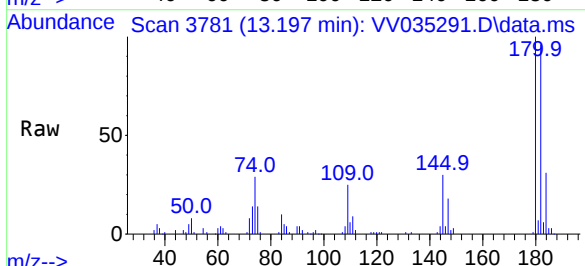
Ion Ratio Lower Upper

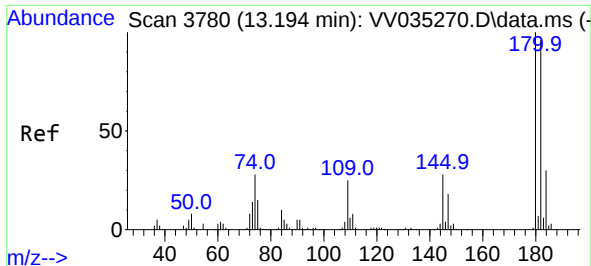
180 100

182 96.1 74.7 112.1

184 30.6 24.0 36.0

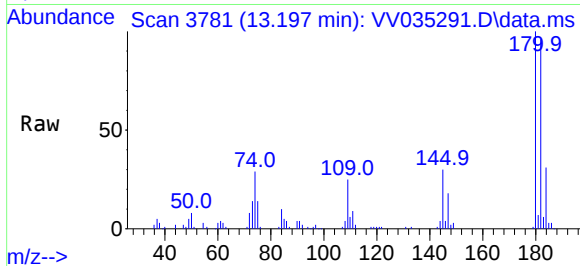
145 28.6 23.6 35.4



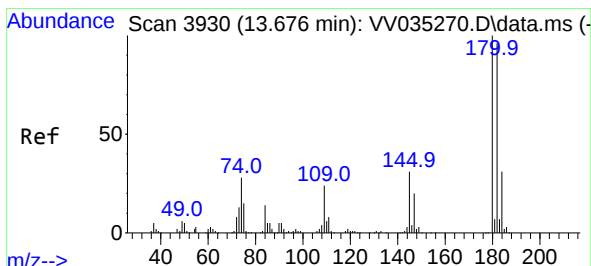
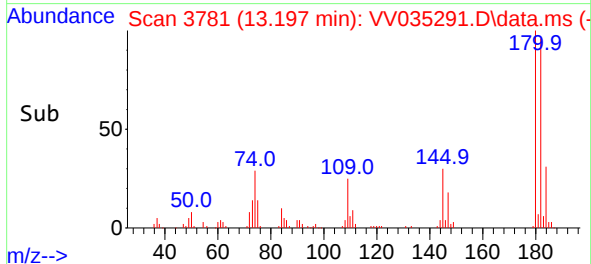
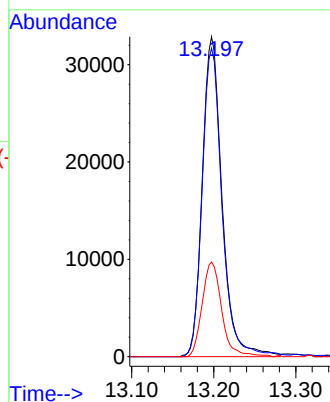


#70
1,2,4-trichlorobenzene
Concen: 18.477 ug/L
RT: 13.197 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 55050
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
145 28.6 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 5.227 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

Tgt Ion:180 Resp: 15350
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.2
145 28.5 25.8 38.6

