

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035108.D
 Acq On : 10 Apr 2024 14:52
 Operator : SY/MD
 Sample : P2006-13DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 06:58:08 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)

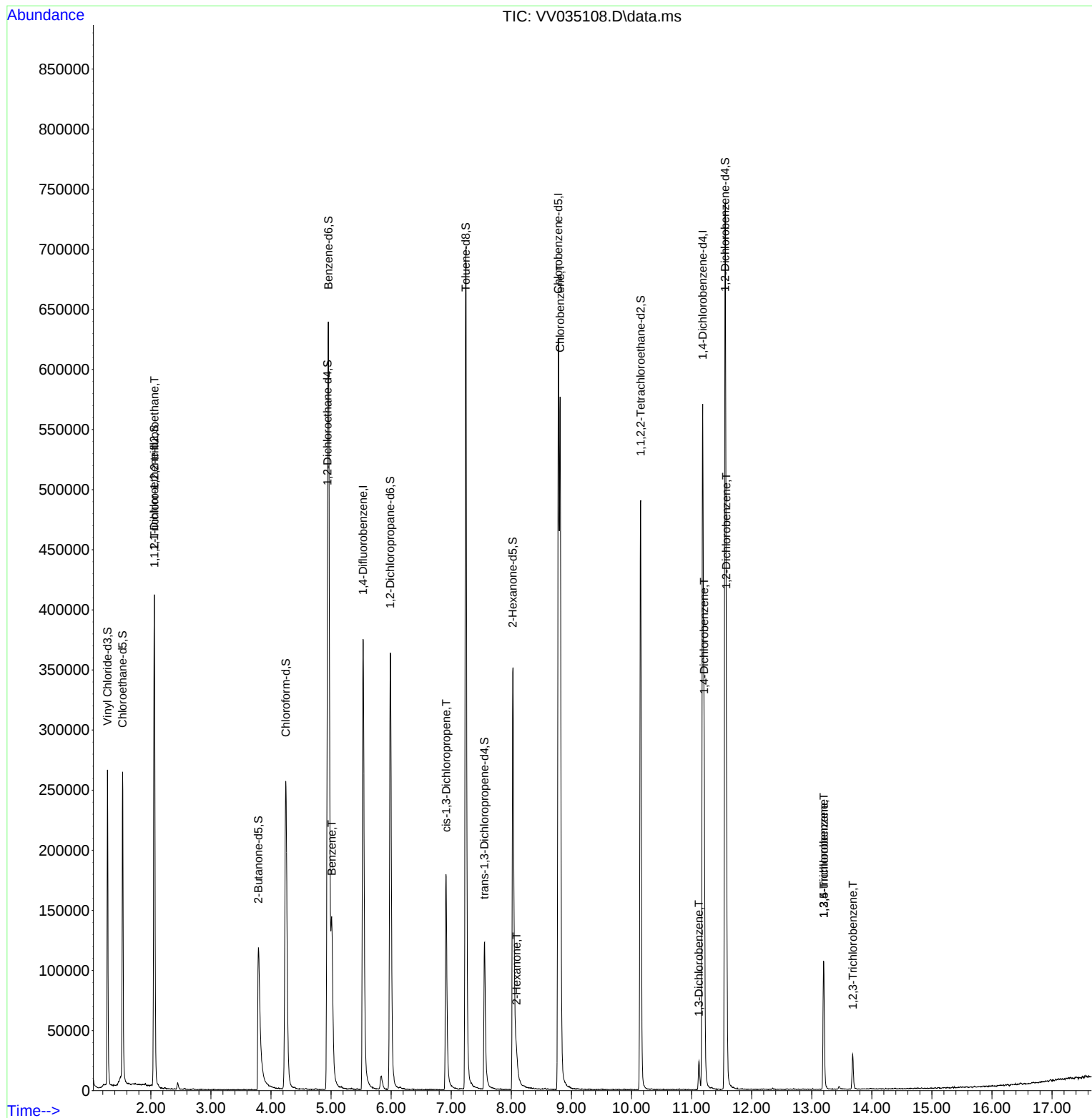
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	328365	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320663	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138971	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167782	52.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.820%			
7) Chloroethane-d5	1.529	69	158269	57.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.920%			
11) 1,1-Dichloroethene-d2	2.056	65	71301	51.292	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.580%			
21) 2-Butanone-d5	3.789	46	212909	113.203	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.200%			
24) Chloroform-d	4.246	84	275125	51.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	4.941	65	182287	53.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.700%			
32) Benzene-d6	4.957	84	563267	52.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.580%			
36) 1,2-Dichloropropane-d6	5.986	67	184867	54.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.100%			
41) Toluene-d8	7.243	98	479348	49.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.840%			
43) trans-1,3-Dichloroprop...	7.551	79	76345	45.913	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.820%			
47) 2-Hexanone-d5	8.024	63	122947	95.073	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.070%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	241992	51.377	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.760%			
66) 1,2-Dichlorobenzene-d4	11.558	152	169633	54.366	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.740%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2033	0.789	ug/L #	24
33) Benzene	5.011	78	147466	14.103	ug/L	100
39) cis-1,3-Dichloropropene	6.915	75	4650	1.022	ug/L #	53
48) 2-Hexanone	8.088	43	17371	5.536	ug/L #	46
51) Chlorobenzene	8.812	112	296311	41.763	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	9804	2.094	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	107569	22.593	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	93676	20.085	ug/L	99
69) 1,3,5-Trichlorobenzene	13.201	180	33703	9.988	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	33703	10.874	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	9336	3.056	ug/L	96

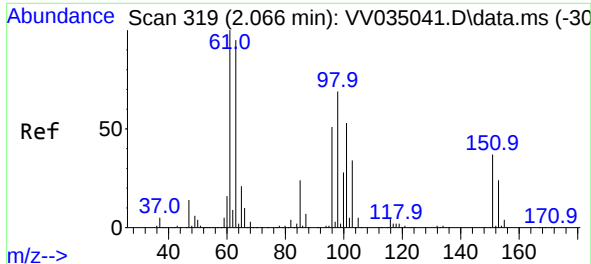
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
Data File : VV035108.D
Acq On : 10 Apr 2024 14:52
Operator : SY/MD
Sample : P2006-13DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 11 06:58:08 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

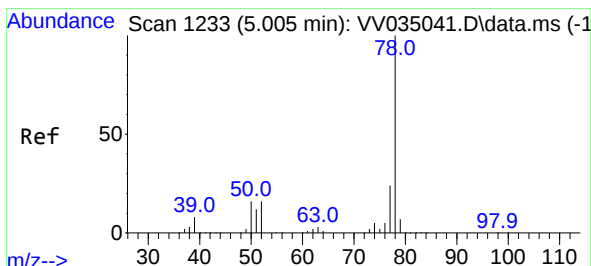
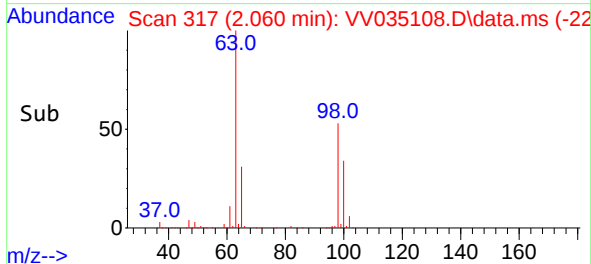
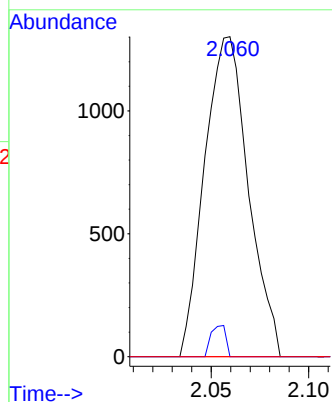
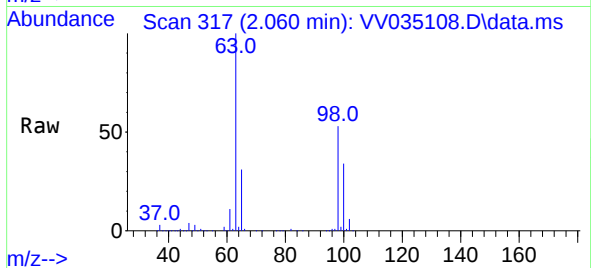




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.789 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

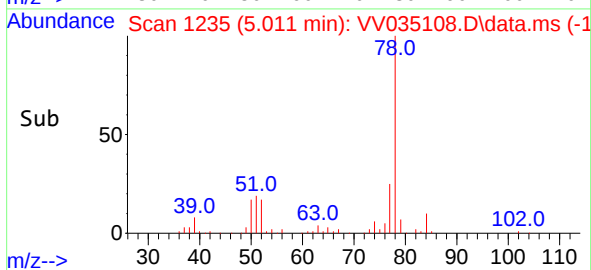
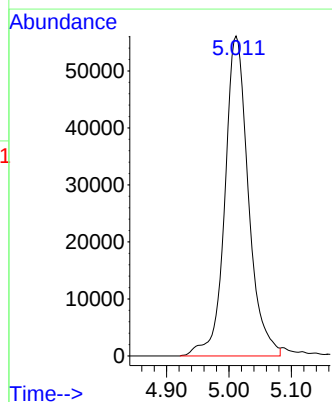
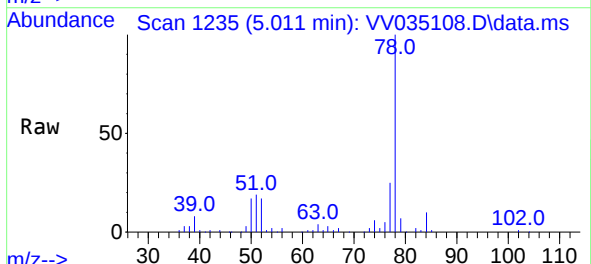
Instrument :
MSVOA_V
ClientSampleId :

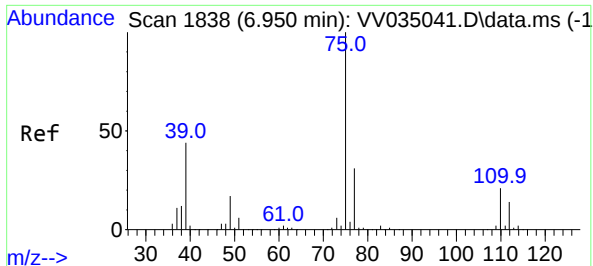
Tgt Ion:101 Resp: 2033
Ion Ratio Lower Upper
101 100
85 3.3 35.3 52.9#
151 0.0 55.0 82.4#



#33
Benzene
Concen: 14.103 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

Tgt Ion: 78 Resp: 147466





#39

cis-1,3-Dichloropropene

Concen: 1.022 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV035108.D

Acq: 10 Apr 2024 14:52

Instrument :

MSVOA_V

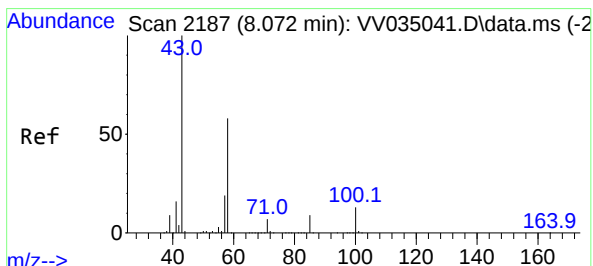
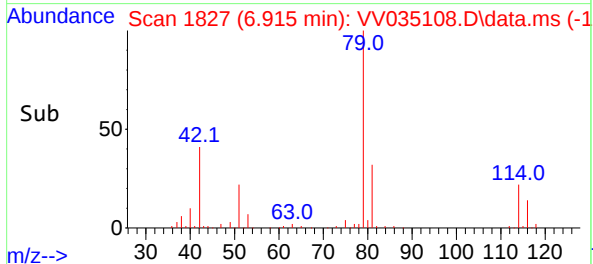
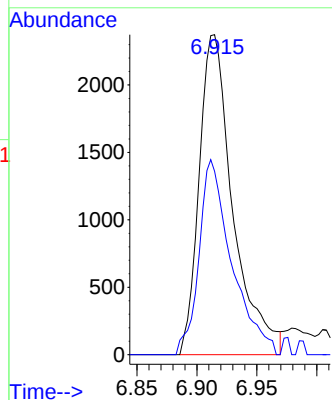
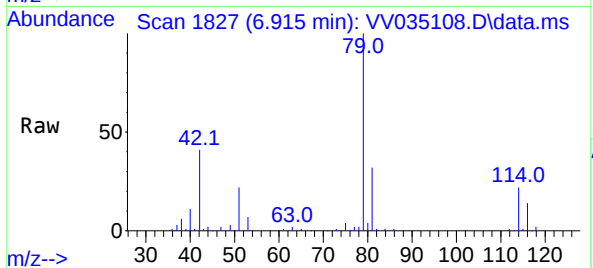
ClientSampleId :

Tgt Ion: 75 Resp: 4650

Ion Ratio Lower Upper

75 100

77 57.3 21.9 40.7#



#48

2-Hexanone

Concen: 5.536 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VV035108.D

Acq: 10 Apr 2024 14:52

Tgt Ion: 43 Resp: 17371

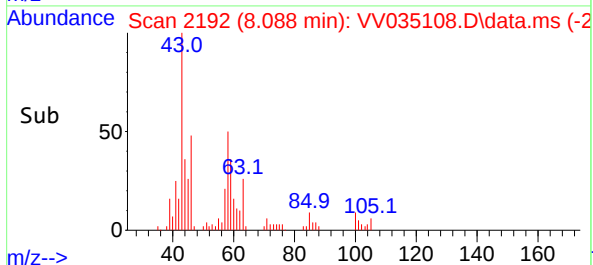
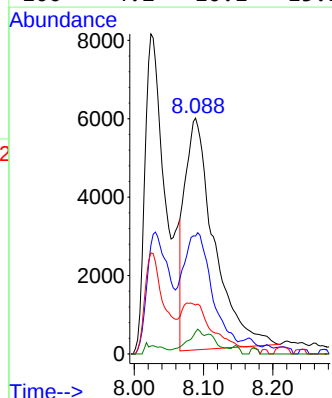
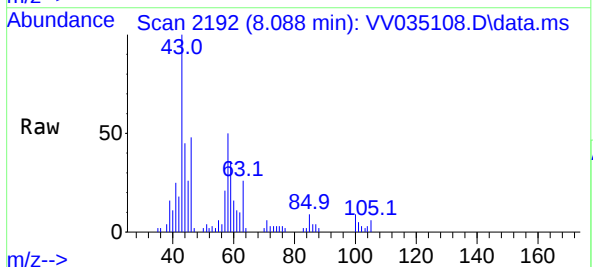
Ion Ratio Lower Upper

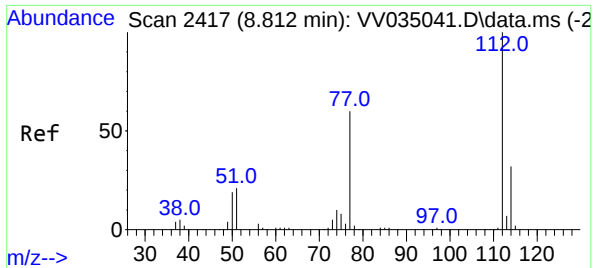
43 100

58 7.8 45.4 68.2#

57 3.0 16.2 24.4#

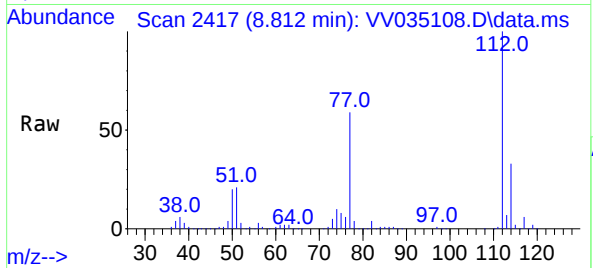
100 4.2 10.1 15.1#



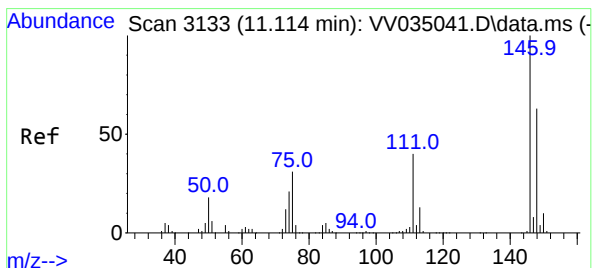
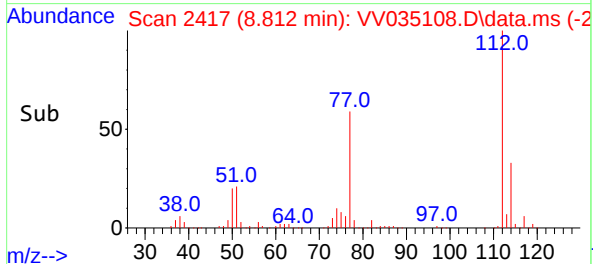
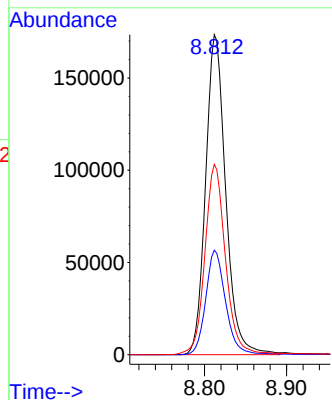


#51
Chlorobenzene
Concen: 41.763 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

Instrument :
MSVOA_V
ClientSampleId :

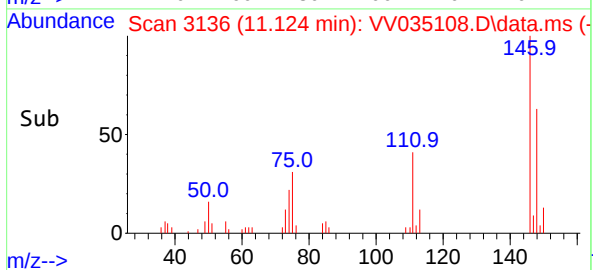
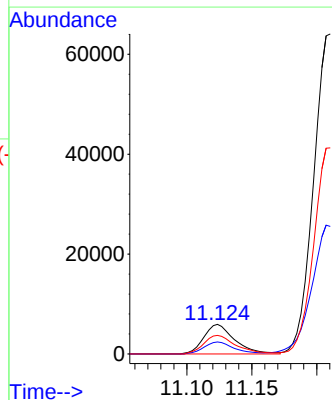
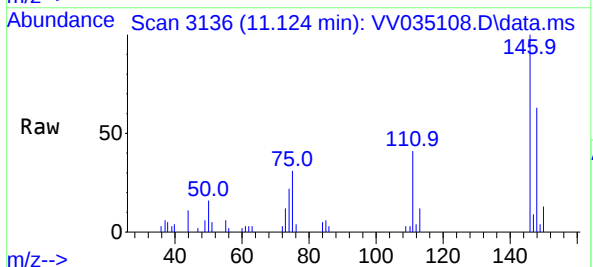


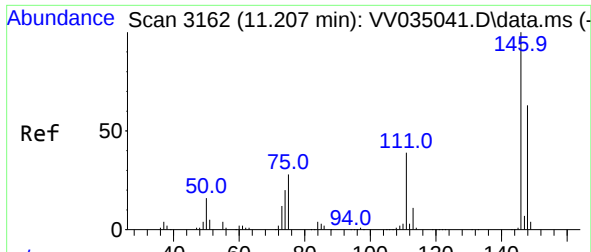
Tgt Ion:112 Resp: 296311
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 59.5 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 2.094 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

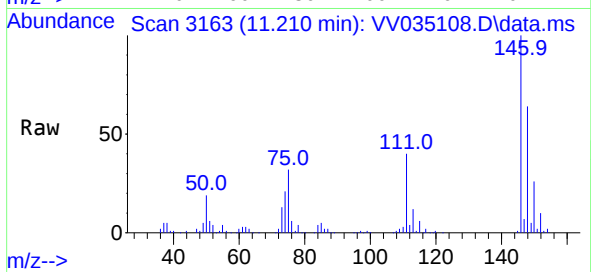
Tgt Ion:146 Resp: 9804
Ion Ratio Lower Upper
146 100
111 40.7 28.7 53.3
148 62.8 44.0 81.8



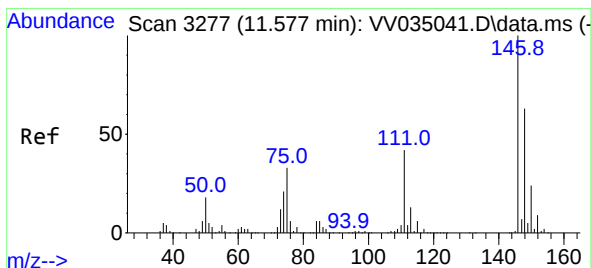
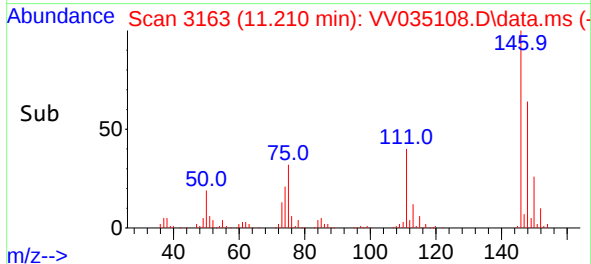
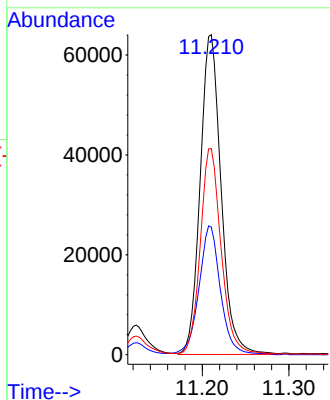


#65
1,4-Dichlorobenzene
Concen: 22.593 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

Instrument :
MSVOA_V
ClientSampleId :

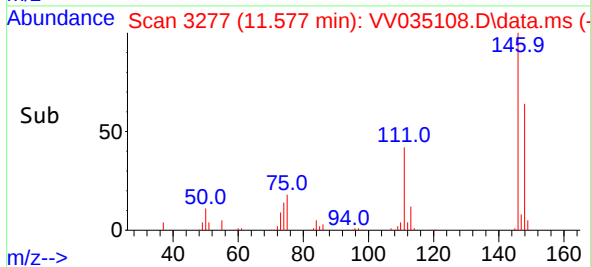
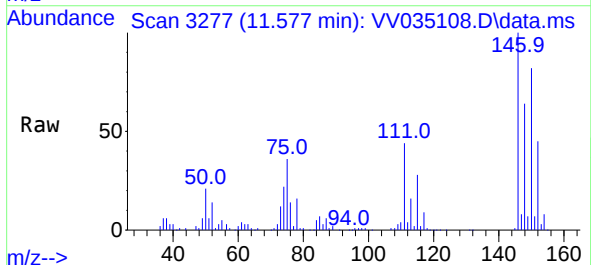
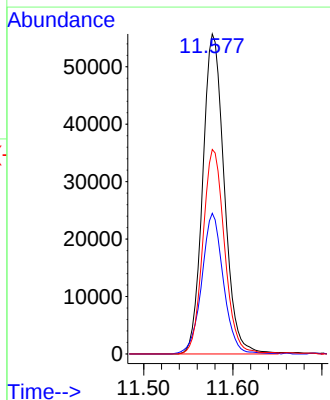


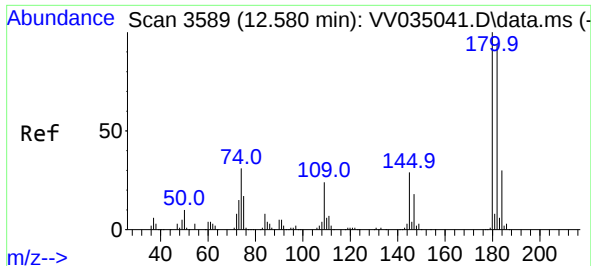
Tgt Ion:146 Resp: 107569
Ion Ratio Lower Upper
146 100
111 39.8 27.4 50.8
148 64.4 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 20.085 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

Tgt Ion:146 Resp: 93676
Ion Ratio Lower Upper
146 100
111 43.9 34.6 52.0
148 63.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 9.988 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.621 min

Lab File: VV035108.D

Acq: 10 Apr 2024 14:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 33703

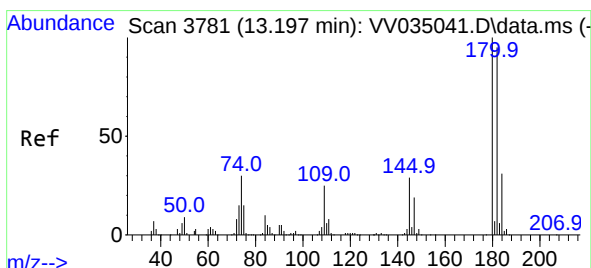
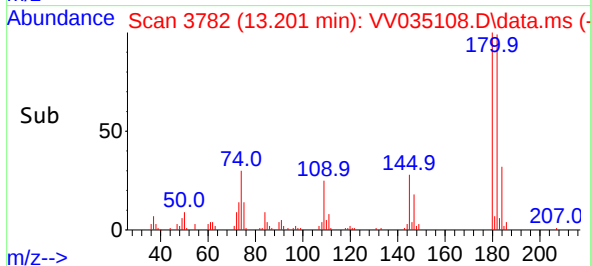
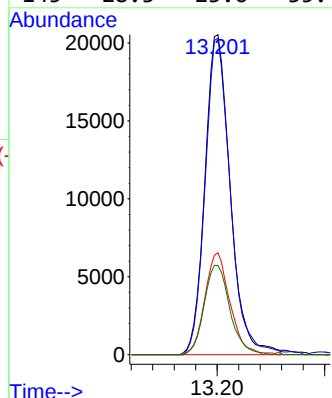
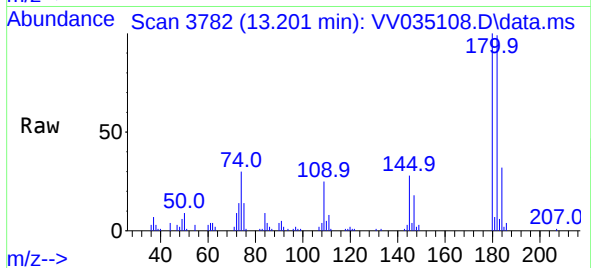
Ion Ratio Lower Upper

180 100

182 97.7 74.7 112.1

184 31.2 24.0 36.0

145 28.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 10.874 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035108.D

Acq: 10 Apr 2024 14:52

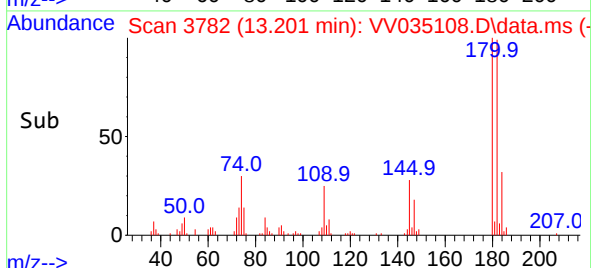
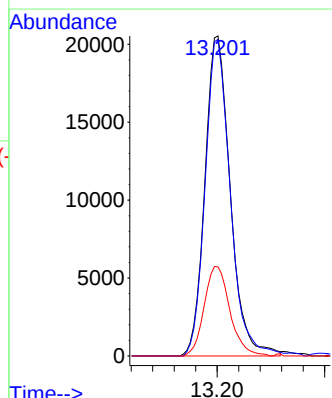
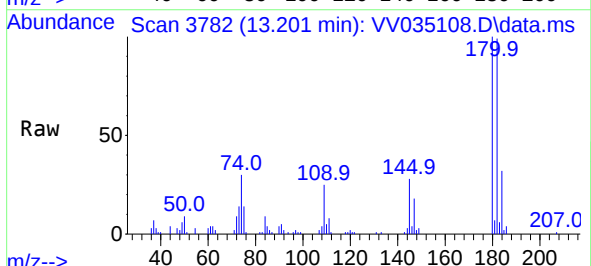
Tgt Ion:180 Resp: 33703

Ion Ratio Lower Upper

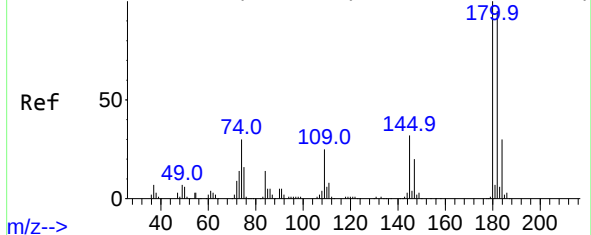
180 100

182 97.7 75.6 113.4

145 28.3 24.1 36.1



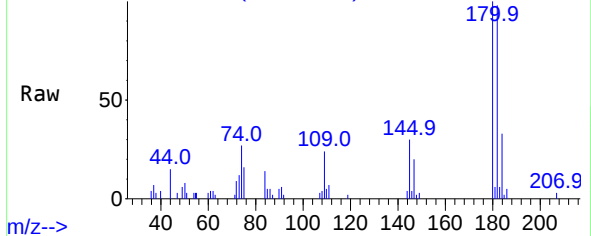
Abundance Scan 3930 (13.676 min): VV035041.D\data.ms (-



#72
1,2,3-Trichlorobenzene
Concen: 3.056 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV035108.D
Acq: 10 Apr 2024 14:52

Instrument :
MSVOA_V
ClientSampleId :

Abundance Scan 3932 (13.683 min): VV035108.D\data.ms (-



Tgt Ion:	180	Resp:	9336
Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.2	114.2
145	29.4	25.8	38.6

Abundance Scan 3932 (13.683 min): VV035108.D\data.ms (-

