

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035371.D
 Acq On : 23 Apr 2024 19:24
 Operator : SY/MD
 Sample : P2158-10DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

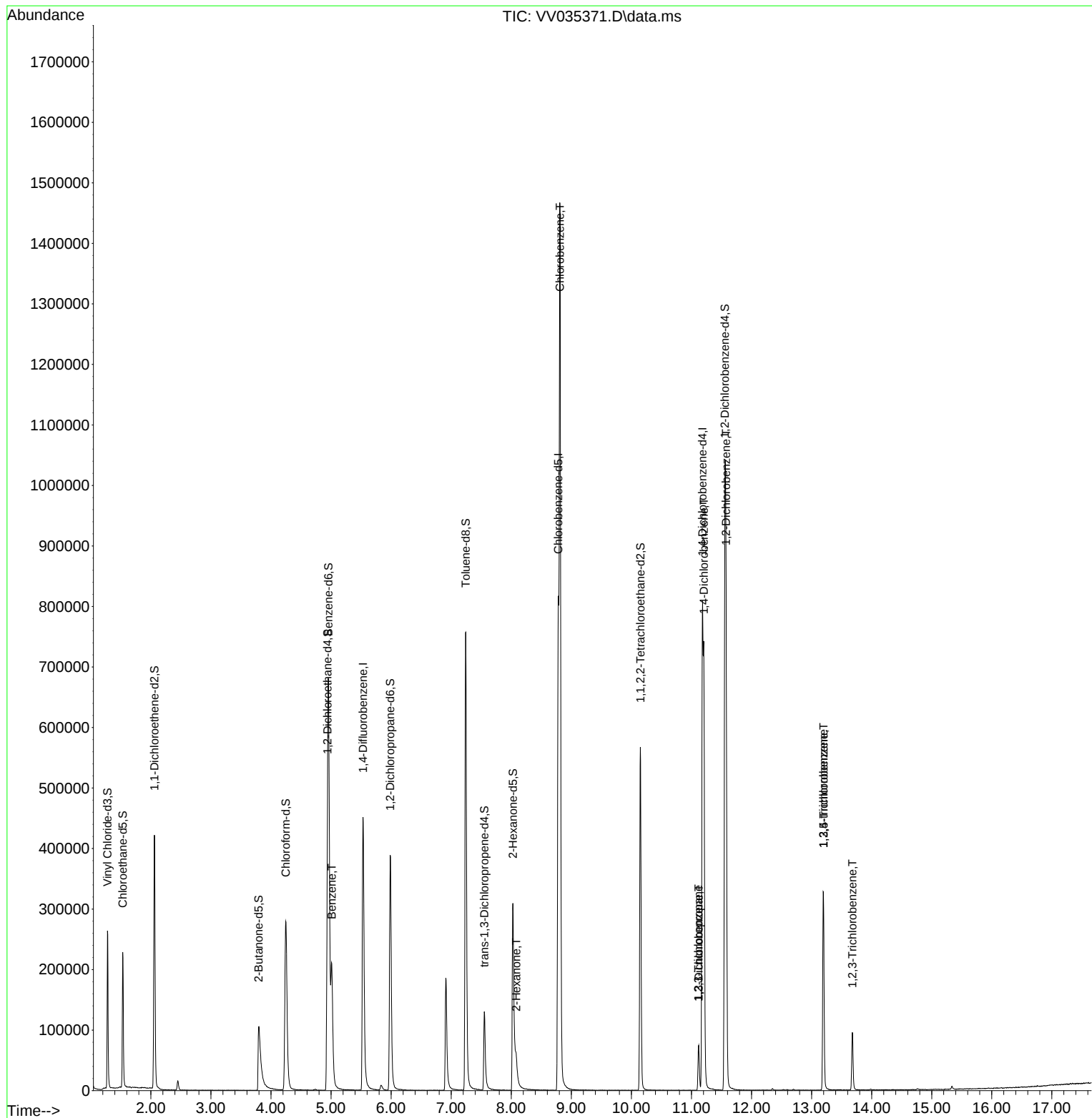
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	410684	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	412823	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	197391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173030	43.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.260%		
7) Chloroethane-d5	1.532	69	142692	41.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.840%		
11) 1,1-Dichloroethene-d2	2.060	65	72567	41.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
21) 2-Butanone-d5	3.796	46	201134	85.506	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.510%		
24) Chloroform-d	4.246	84	315181	47.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.520%		
26) 1,2-Dichloroethane-d4	4.941	65	195364	46.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.280%		
32) Benzene-d6	4.957	84	622507	44.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.780%		
36) 1,2-Dichloropropane-d6	5.986	67	201565	45.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.540%		
41) Toluene-d8	7.243	98	533480	42.718	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.440%		
43) trans-1,3-Dichloroprop...	7.551	79	84624	39.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.060%		
47) 2-Hexanone-d5	8.027	63	107163	64.368	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	64.370%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	279093	46.026	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.060%		
66) 1,2-Dichlorobenzene-d4	11.558	152	223746	50.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.980%		
Target Compounds					Qvalue	
33) Benzene	5.011	78	227739	16.918	ug/L	100
48) 2-Hexanone	8.085	43	33304	8.244	ug/L #	89
51) Chlorobenzene	8.812	112	796519	87.202	ug/L	98
61) 1,2,3-Trichloropropane	11.117	75	9255	2.164	ug/L #	50
64) 1,3-Dichlorobenzene	11.120	146	32457	4.881	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	277081	40.972	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	290426	43.840	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	108706	22.681	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	108706	24.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30849	7.109	ug/L	98

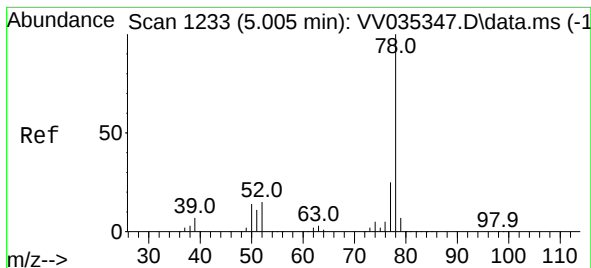
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#33

Benzene

Concen: 16.918 ug/L

RT: 5.011 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV035371.D

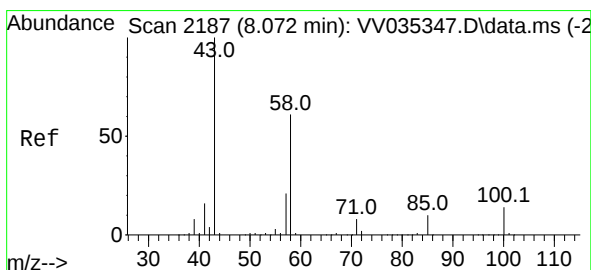
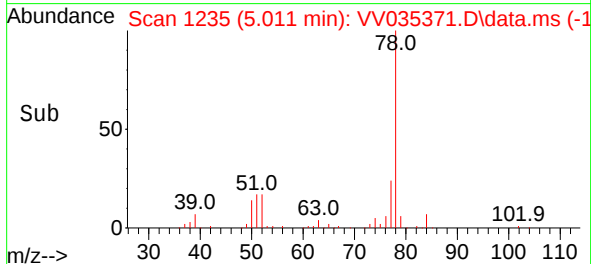
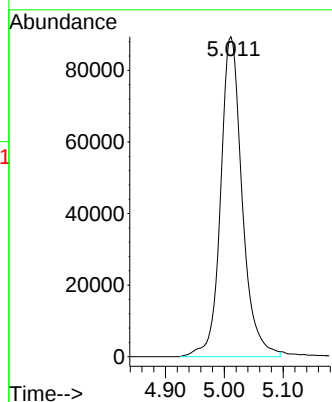
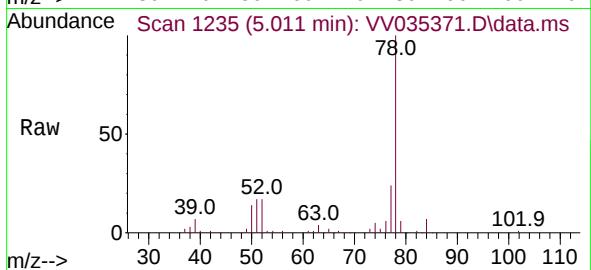
Acq: 23 Apr 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 227739



#48

2-Hexanone

Concen: 8.244 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

Tgt Ion: 43 Resp: 33304

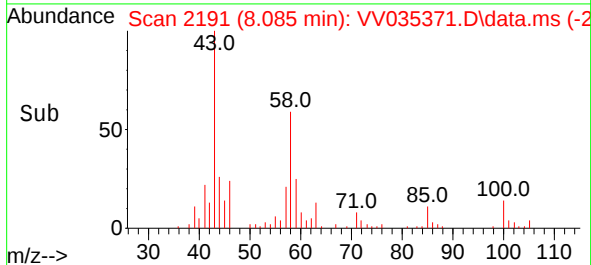
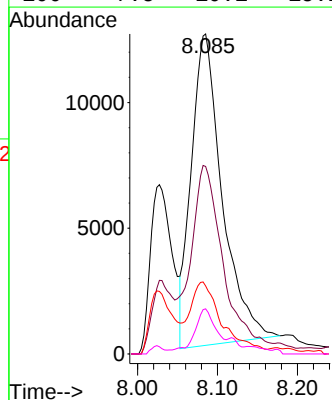
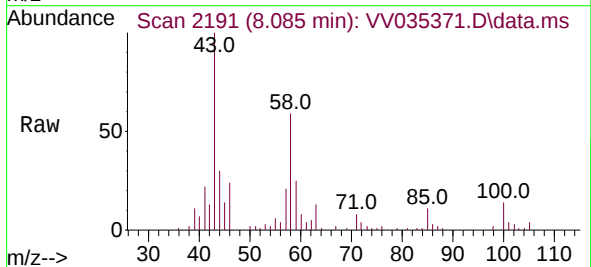
Ion Ratio Lower Upper

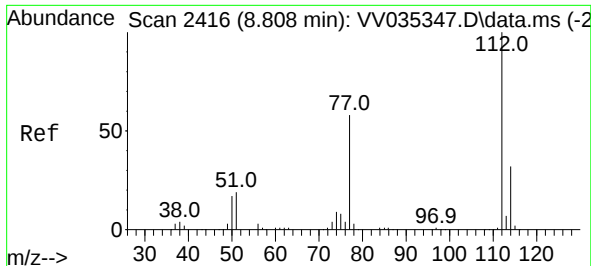
43 100

58 51.1 45.4 68.2

57 11.3 16.2 24.4#

100 7.5 10.1 15.1#





#51

Chlorobenzene

Concen: 87.202 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

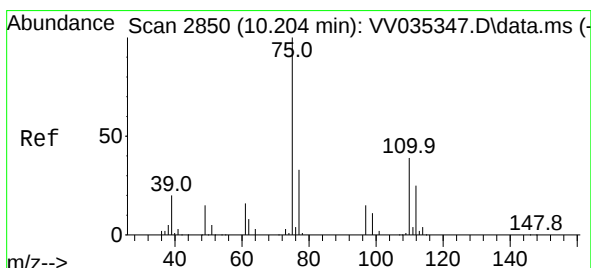
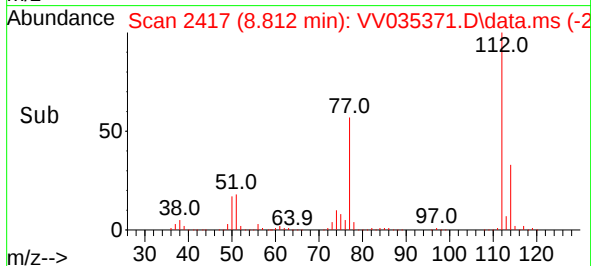
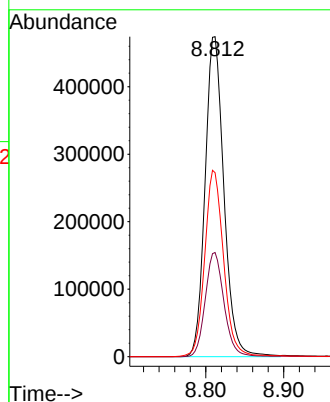
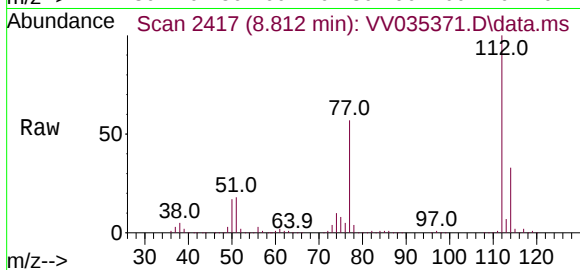
Tgt Ion:112 Resp: 796519

Ion Ratio Lower Upper

112 100

114 32.6 22.0 41.0

77 57.5 47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 2.164 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.913 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

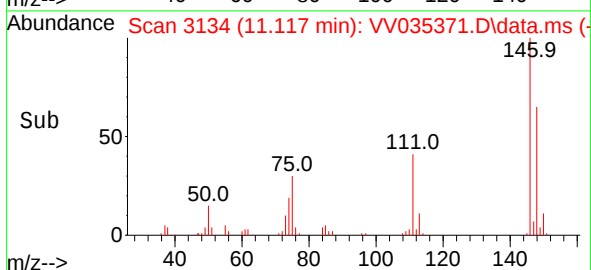
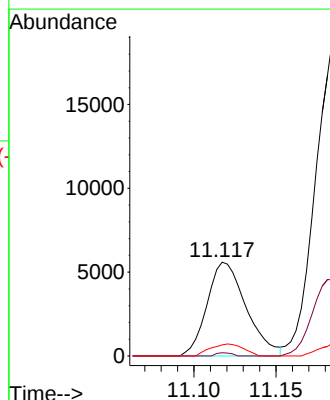
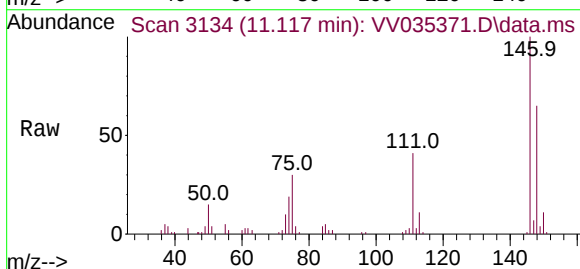
Tgt Ion: 75 Resp: 9255

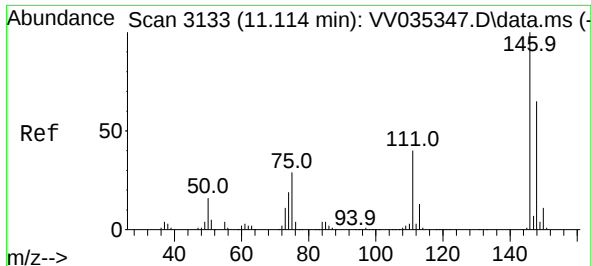
Ion Ratio Lower Upper

75 100

77 1.3 26.0 39.0#

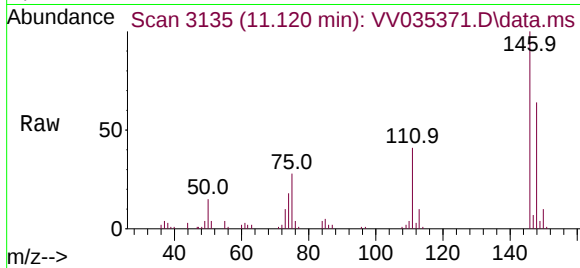
110 10.8 30.5 45.7#



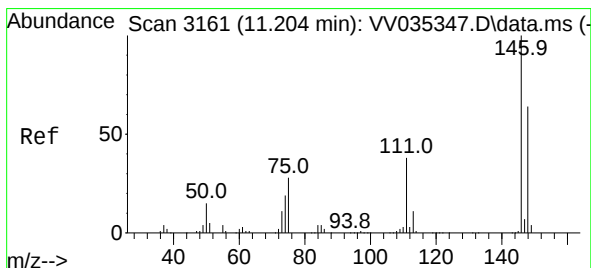
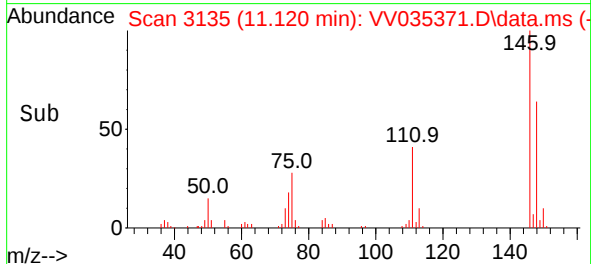
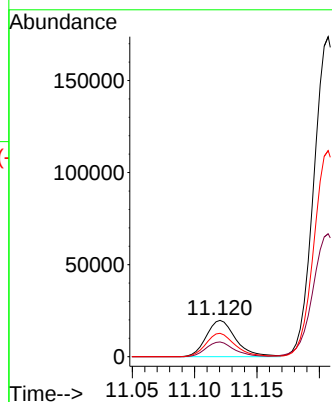


#64
1,3-Dichlorobenzene
Concen: 4.881 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.007 min
Lab File: VV035371.D
Acq: 23 Apr 2024 19:24

Instrument :
MSVOA_V
ClientSampleId :

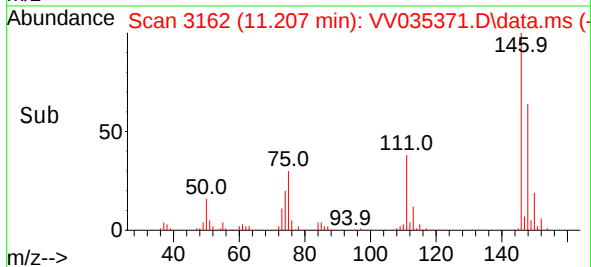
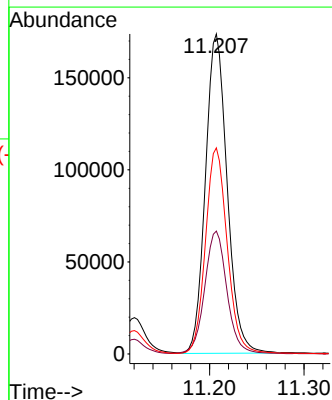
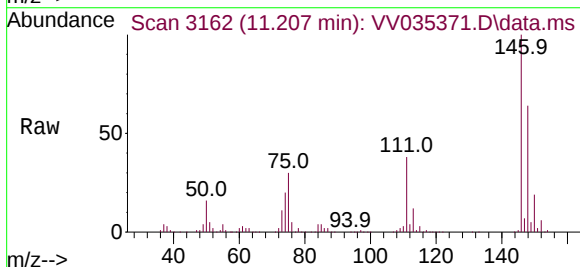


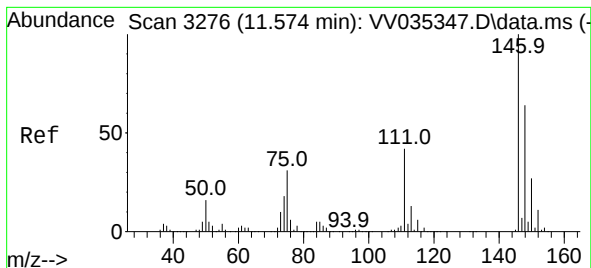
Tgt Ion:146 Resp: 32457
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 64.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 40.972 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035371.D
Acq: 23 Apr 2024 19:24

Tgt Ion:146 Resp: 277081
Ion Ratio Lower Upper
146 100
111 38.4 27.4 50.8
148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 43.840 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

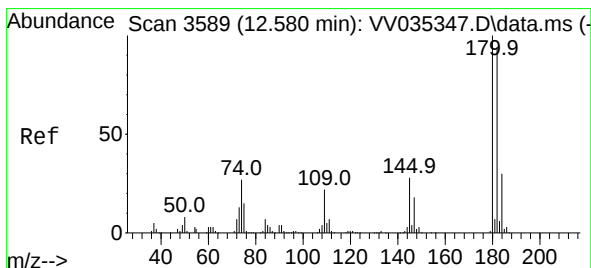
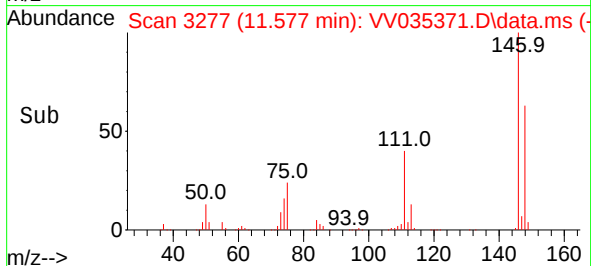
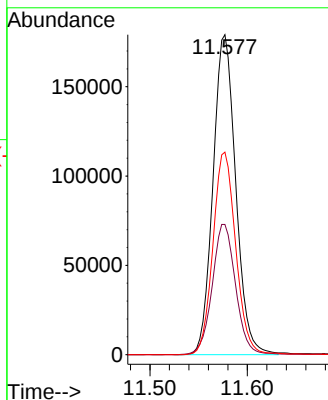
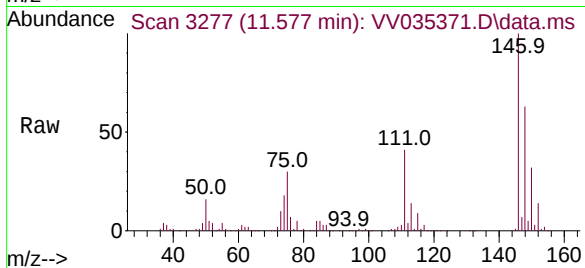
Tgt Ion:146 Resp: 290426

Ion Ratio Lower Upper

146 100

111 40.7 34.6 52.0

148 63.3 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 22.681 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

Tgt Ion:180 Resp: 108706

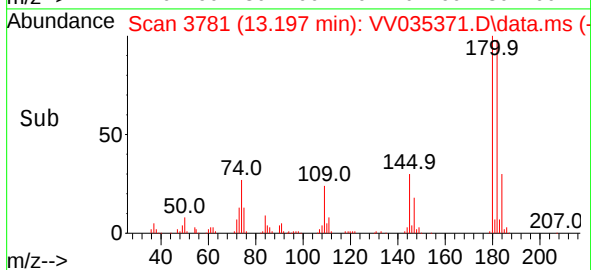
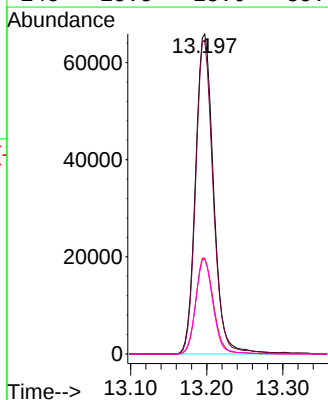
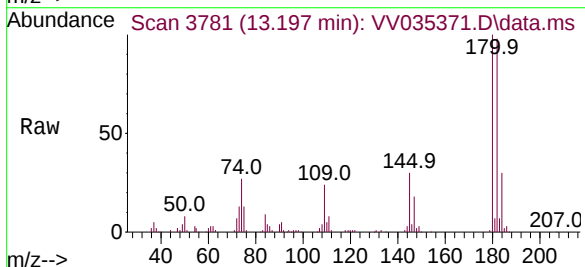
Ion Ratio Lower Upper

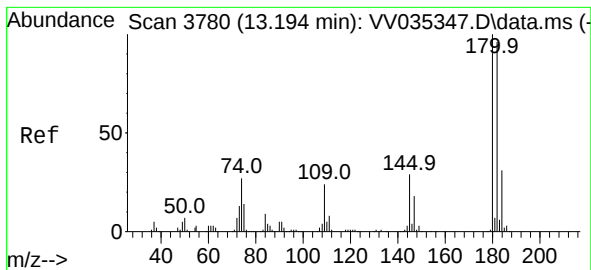
180 100

182 94.4 74.7 112.1

184 29.2 24.0 36.0

145 28.5 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 24.692 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

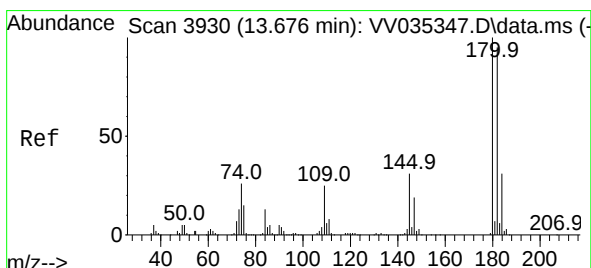
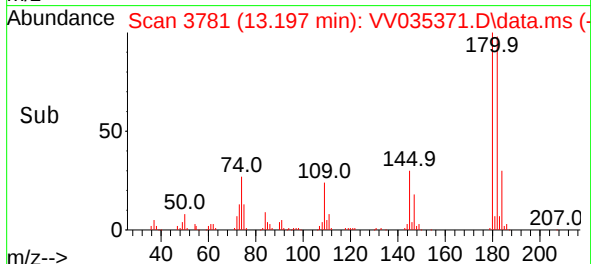
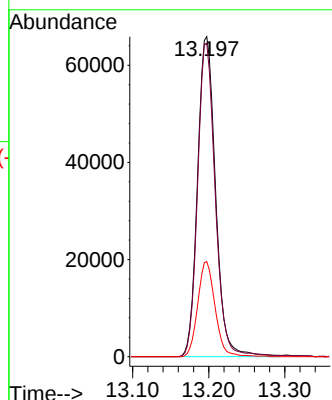
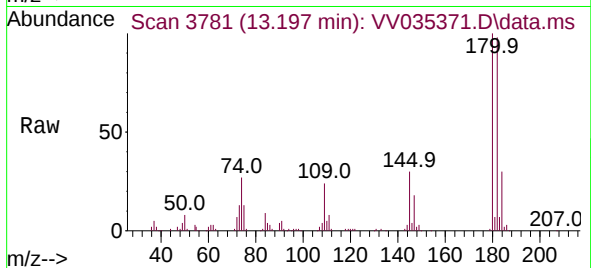
Tgt Ion:180 Resp: 108706

Ion Ratio Lower Upper

180 100

182 94.4 75.6 113.4

145 28.5 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 7.109 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035371.D

Acq: 23 Apr 2024 19:24

Tgt Ion:180 Resp: 30849

Ion Ratio Lower Upper

180 100

182 97.6 76.2 114.2

145 31.0 25.8 38.6

