

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040824\
 Data File : VV035063.D
 Acq On : 08 Apr 2024 18:39
 Operator : SY/MD
 Sample : P2006-15DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 02:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

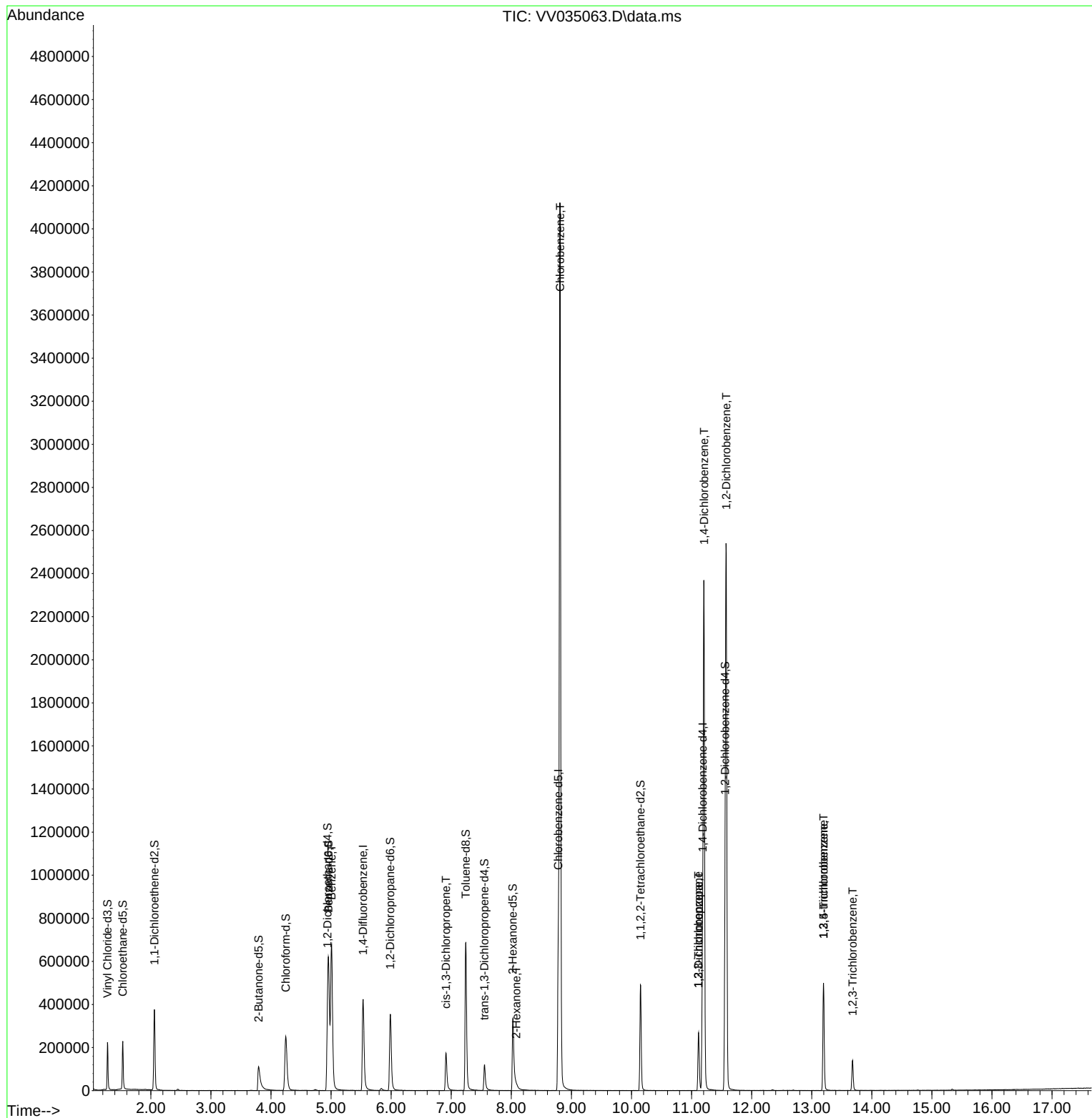
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	366863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	358037	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	169258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142191	40.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.260%		
7) Chloroethane-d5	1.532	69	138103	44.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.760%		
11) 1,1-Dichloroethene-d2	2.060	65	64705	41.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.320%		
21) 2-Butanone-d5	3.793	46	202467	96.354	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.350%		
24) Chloroform-d	4.246	84	268529	45.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.160%		
26) 1,2-Dichloroethane-d4	4.940	65	175602	46.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.860%		
32) Benzene-d6	4.957	84	541909	45.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
36) 1,2-Dichloropropane-d6	5.985	67	181133	47.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.860%		
41) Toluene-d8	7.243	98	468136	43.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.440%		
43) trans-1,3-Dichloroprop...	7.551	79	73920	39.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.620%		
47) 2-Hexanone-d5	8.024	63	118247	81.893	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.890%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	239110	45.466	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.940%		
66) 1,2-Dichlorobenzene-d4	11.558	152	179882	47.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.660%		
Target Compounds						Qvalue
33) Benzene	5.008	78	706998	60.556	ug/L	100
39) cis-1,3-Dichloropropene	6.911	75	4356	0.857	ug/L #	63
48) 2-Hexanone	8.085	43	16443	4.693	ug/L #	78
51) Chlorobenzene	8.812	112	2100558	265.155	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	32858	8.959	ug/L #	48
64) 1,3-Dichlorobenzene	11.117	146	108134	18.963	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	901084	155.391	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	914823	161.047	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	152488	37.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	152488	40.394	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	42620	11.454	ug/L	98

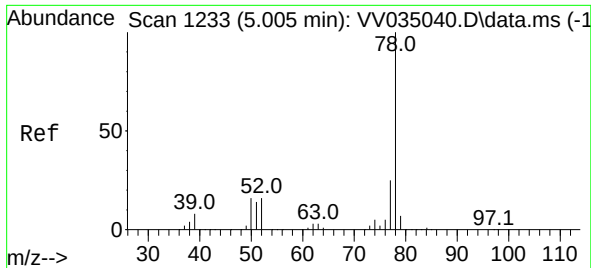
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration

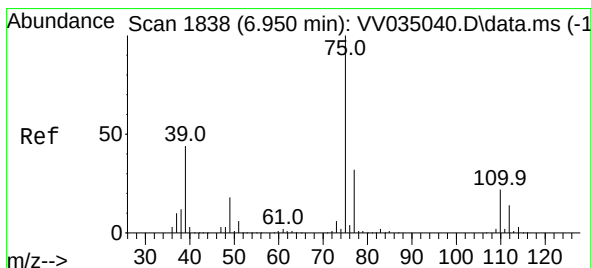
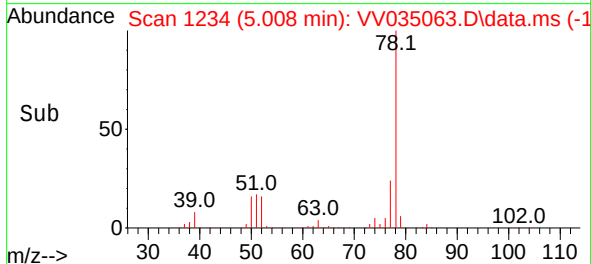
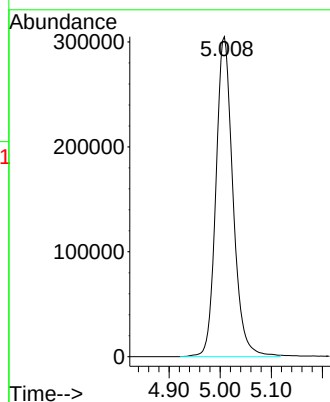
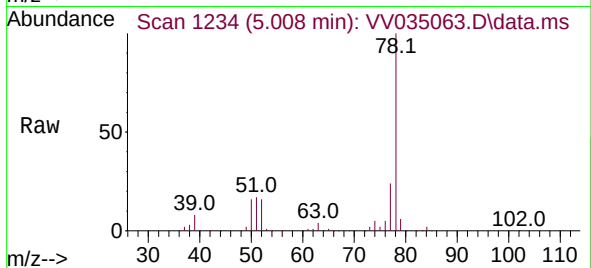




#33
Benzene
Concen: 60.556 ug/L
RT: 5.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035063.D
Acq: 08 Apr 2024 18:39

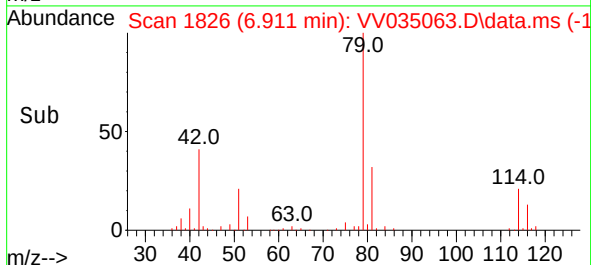
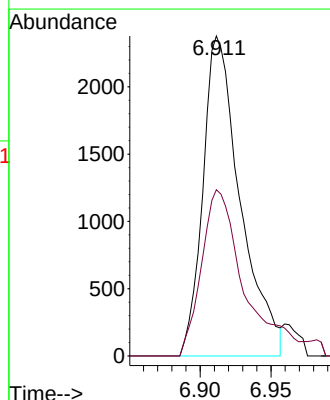
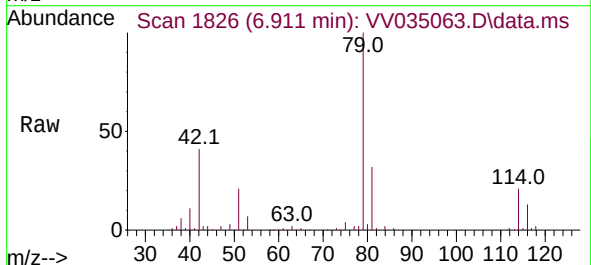
Instrument :
MSVOA_V
ClientSampleId :

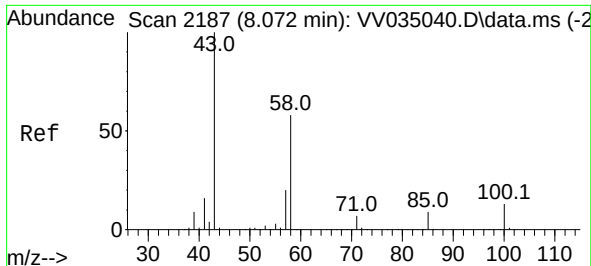
Tgt Ion: 78 Resp: 706998



#39
cis-1,3-Dichloropropene
Concen: 0.857 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.042 min
Lab File: VV035063.D
Acq: 08 Apr 2024 18:39

Tgt Ion: 75 Resp: 4356
Ion Ratio Lower Upper
75 100
77 52.0 21.9 40.7#

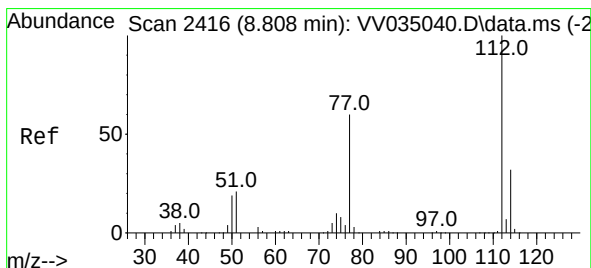
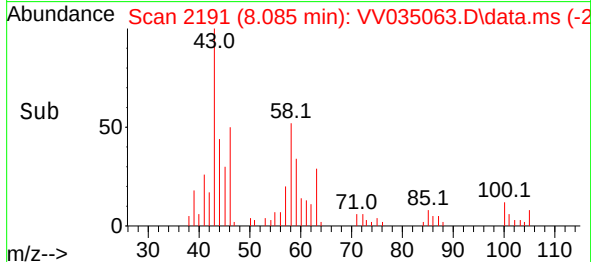
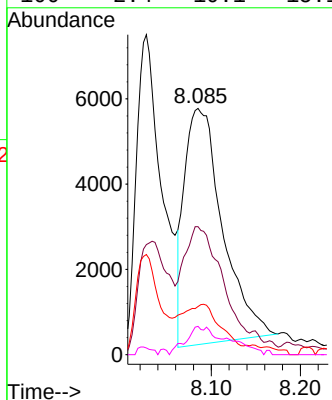
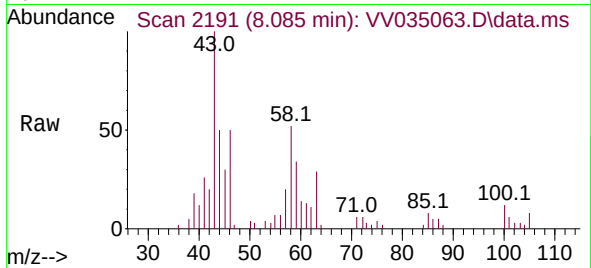




#48
2-Hexanone
Concen: 4.693 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV035063.D
Acq: 08 Apr 2024 18:39

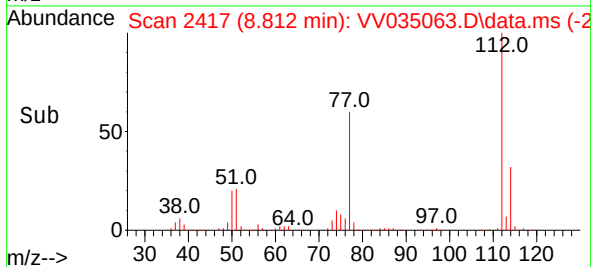
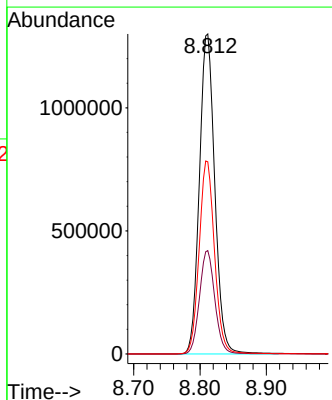
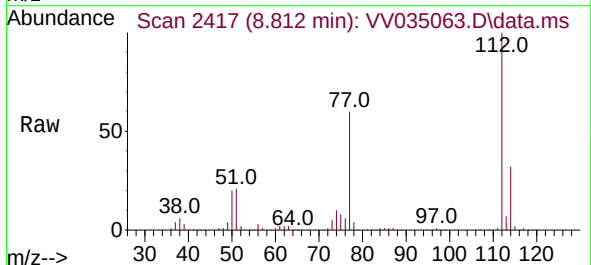
Instrument :
MSVOA_V
ClientSampleId :

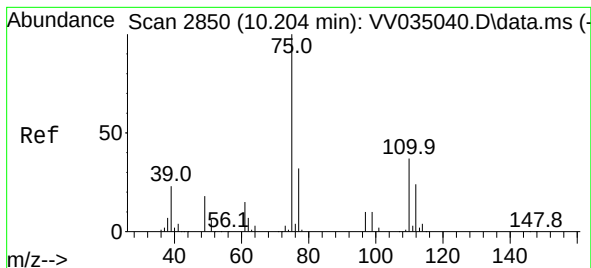
Tgt Ion: 43 Resp: 16443
Ion Ratio Lower Upper
43 100
58 47.0 45.4 68.2
57 0.0 16.2 24.4#
100 2.4 10.1 15.1#



#51
Chlorobenzene
Concen: 265.155 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035063.D
Acq: 08 Apr 2024 18:39

Tgt Ion:112 Resp: 2100558
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 60.0 47.4 71.2





#61

1,2,3-Trichloropropane

Concen: 8.959 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV035063.D

Acq: 08 Apr 2024 18:39

Instrument :

MSVOA_V

ClientSampleId :

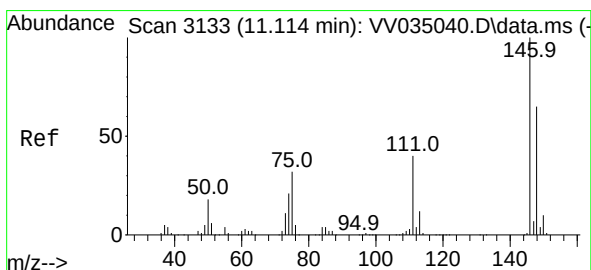
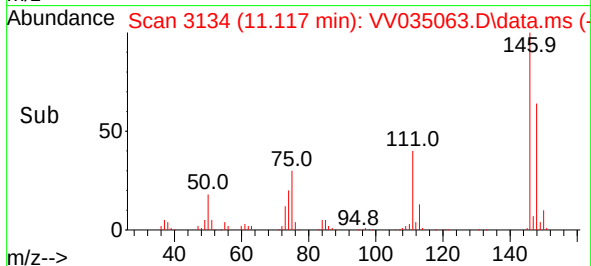
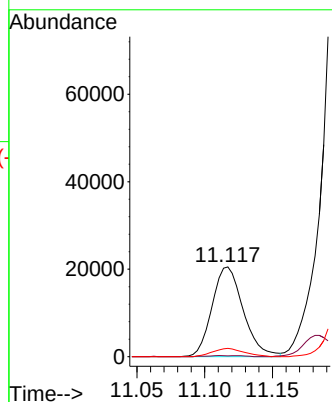
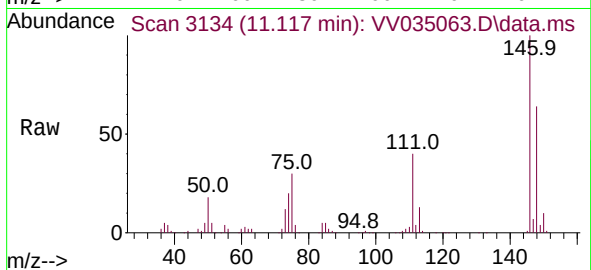
Tgt Ion: 75 Resp: 32858

Ion Ratio Lower Upper

75 100

77 0.3 26.0 39.0#

110 9.4 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 18.963 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035063.D

Acq: 08 Apr 2024 18:39

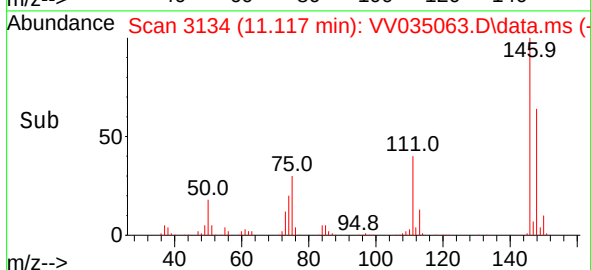
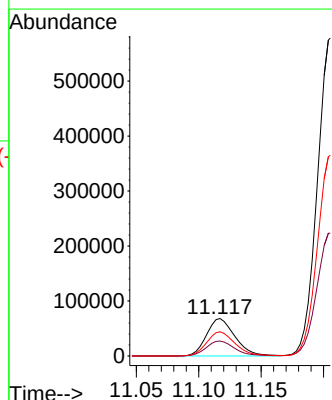
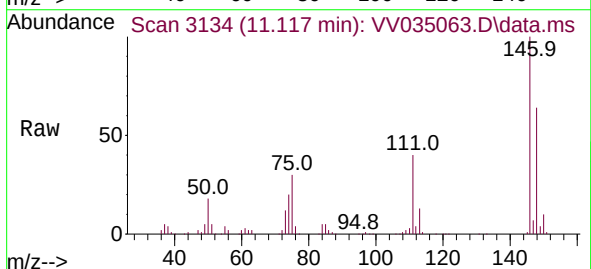
Tgt Ion:146 Resp: 108134

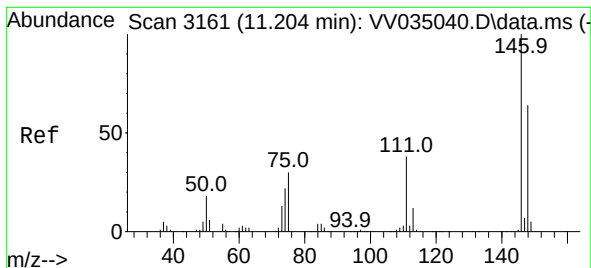
Ion Ratio Lower Upper

146 100

111 39.6 28.7 53.3

148 64.4 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 155.391 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035063.D

Acq: 08 Apr 2024 18:39

Instrument :

MSVOA_V

ClientSampleId :

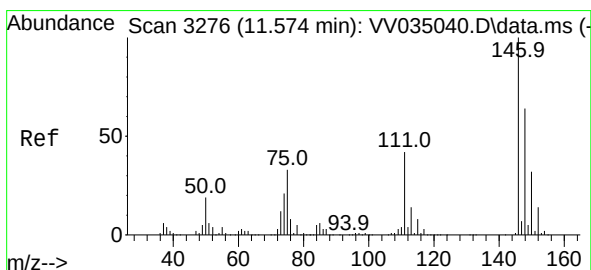
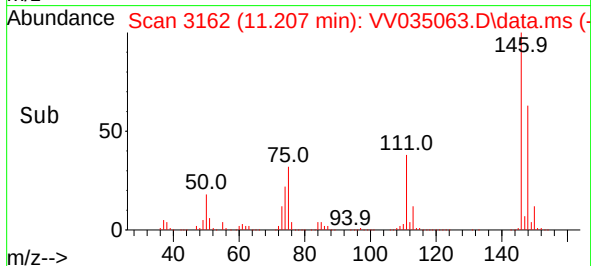
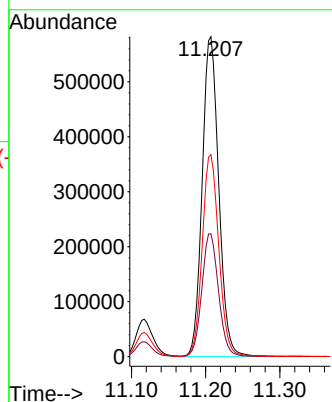
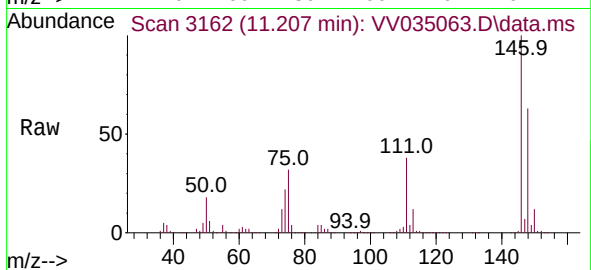
Tgt Ion:146 Resp: 901084

Ion Ratio Lower Upper

146 100

111 38.4 27.4 50.8

148 63.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 161.047 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035063.D

Acq: 08 Apr 2024 18:39

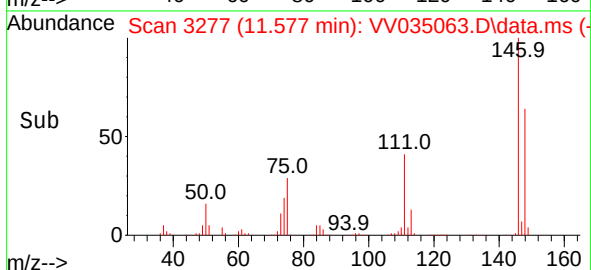
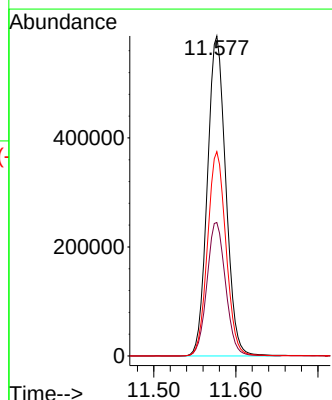
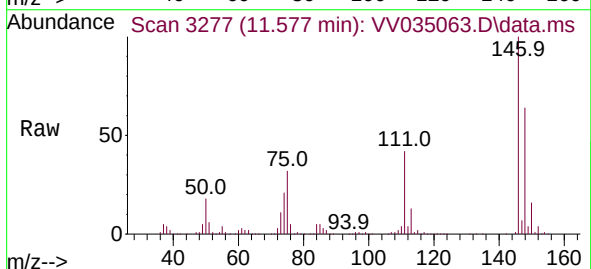
Tgt Ion:146 Resp: 914823

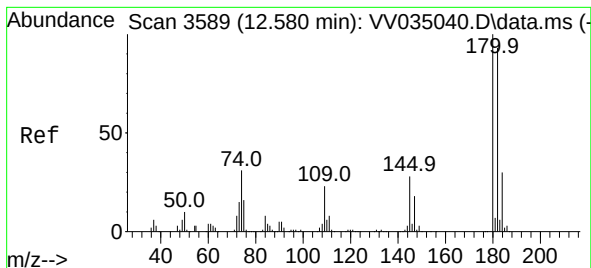
Ion Ratio Lower Upper

146 100

111 41.7 34.6 52.0

148 63.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 37.105 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035063.D

Acq: 08 Apr 2024 18:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 152488

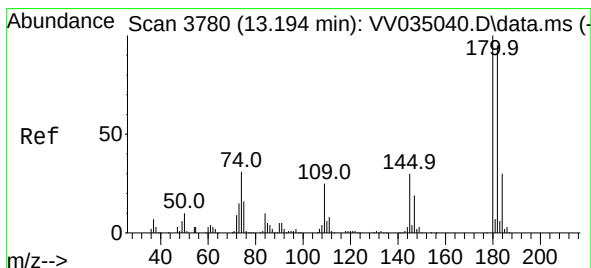
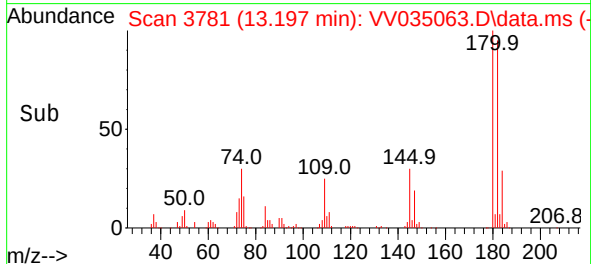
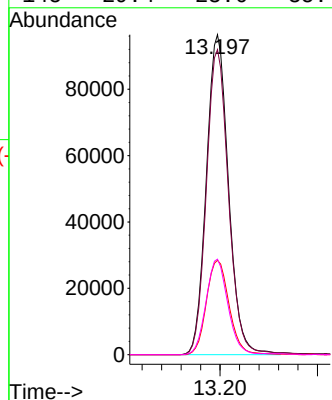
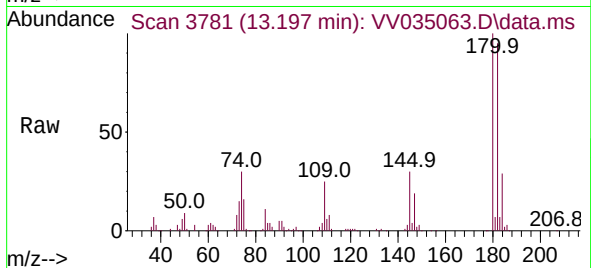
Ion Ratio Lower Upper

180 100

182 95.0 74.7 112.1

184 30.2 24.0 36.0

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 40.394 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035063.D

Acq: 08 Apr 2024 18:39

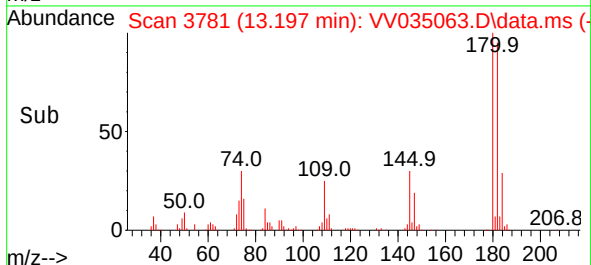
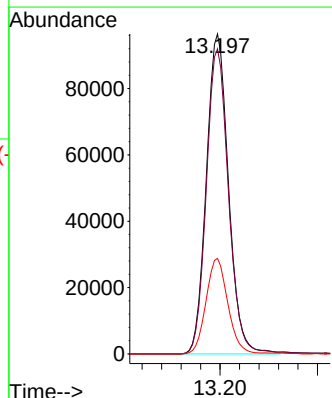
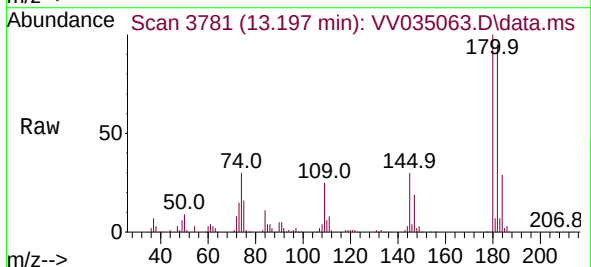
Tgt Ion:180 Resp: 152488

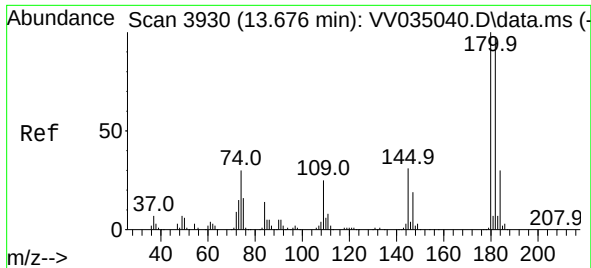
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

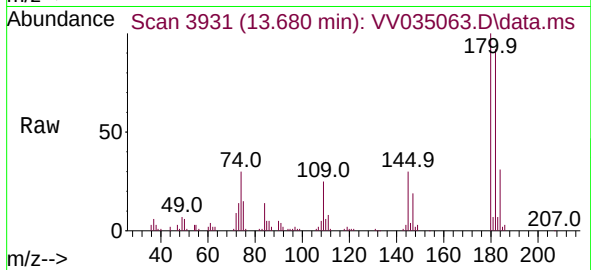
145 29.4 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 11.454 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. -0.000 min
 Lab File: VV035063.D
 Acq: 08 Apr 2024 18:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 42620
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.2 114.2
 145 30.6 25.8 38.6

