

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035337.D
 Acq On : 22 Apr 2024 16:48
 Operator : SY/MD
 Sample : P2158-10DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:32:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

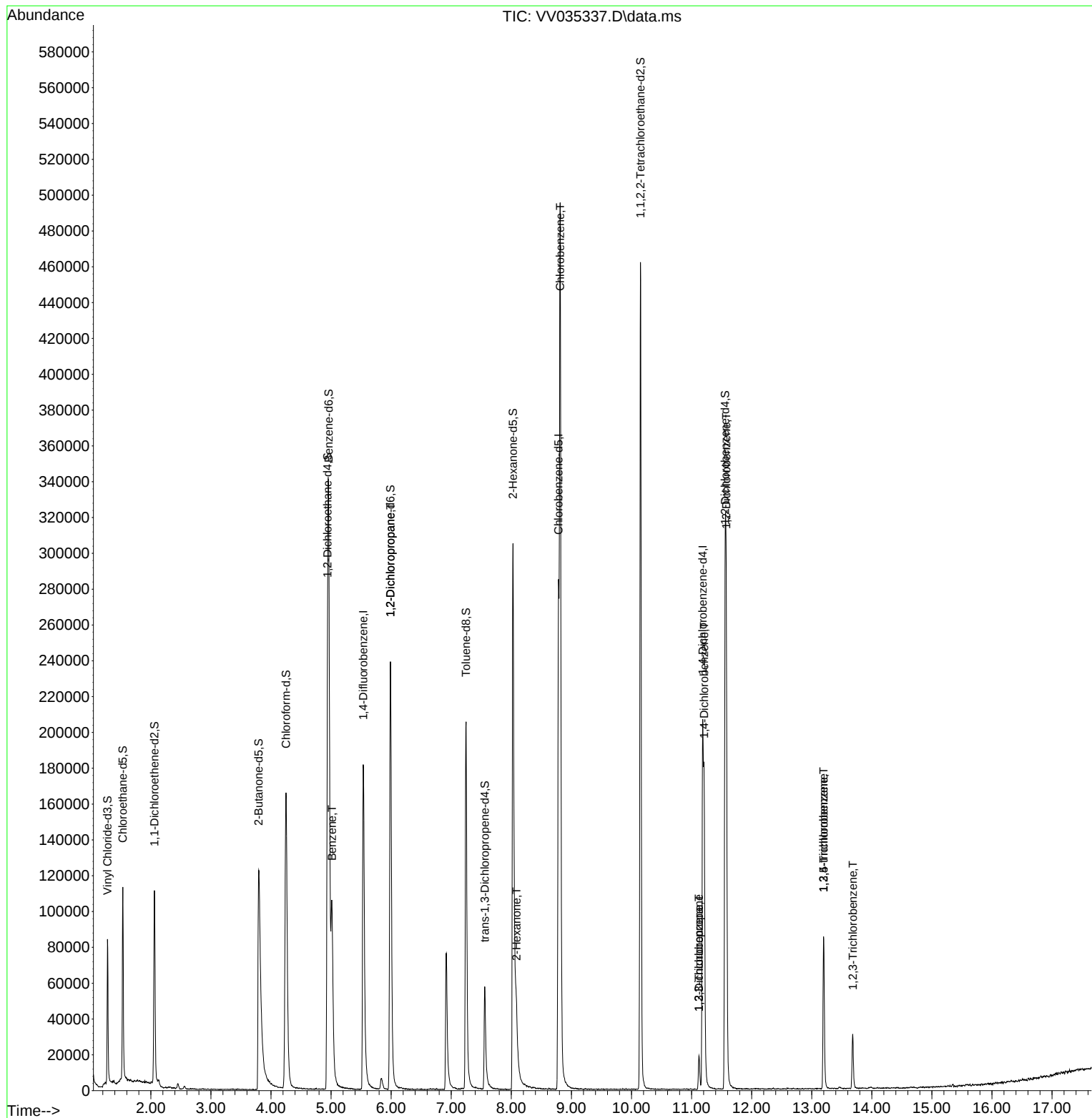
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	167181	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52583	32.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.140%			
7) Chloroethane-d5	1.532	69	68032	48.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.020%			
11) 1,1-Dichloroethene-d2	2.060	65	18483	26.115	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.240%#			
21) 2-Butanone-d5	3.796	46	208333	217.566	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 217.570%#			
24) Chloroform-d	4.249	84	184414	67.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.860%#			
26) 1,2-Dichloroethane-d4	4.940	65	147349	85.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 171.000%#			
32) Benzene-d6	4.960	84	268586	55.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.880%			
36) 1,2-Dichloropropane-d6	5.989	67	124111	80.675	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 161.360%#			
41) Toluene-d8	7.246	98	149879	34.352	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 68.700%#			
43) trans-1,3-Dichloroprop...	7.558	79	37710	50.422	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.840%			
47) 2-Hexanone-d5	8.027	63	103304	177.607	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 177.610%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224032	105.750	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 211.500%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	67294	56.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.720%			
Target Compounds						Qvalue
33) Benzene	5.014	78	112126	23.841	ug/L	100
37) 1,2-Dichloropropane	5.989	63	13717	10.554	ug/L #	88
48) 2-Hexanone	8.088	43	26712	18.927	ug/L #	90
51) Chlorobenzene	8.812	112	271524	85.086	ug/L	99
61) 1,2,3-Trichloropropane	11.124	75	2582	2.241	ug/L #	51
64) 1,3-Dichlorobenzene	11.124	146	8685	4.848	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	69419	38.104	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	96337	53.980	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	28668	22.203	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	28668	24.172	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	10495	8.977	ug/L	95

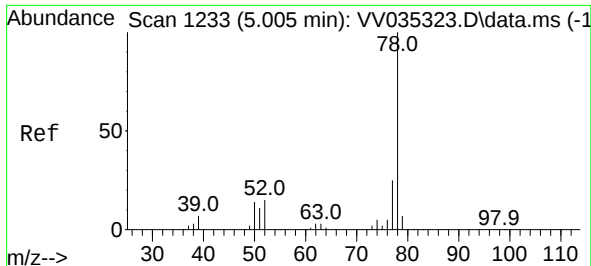
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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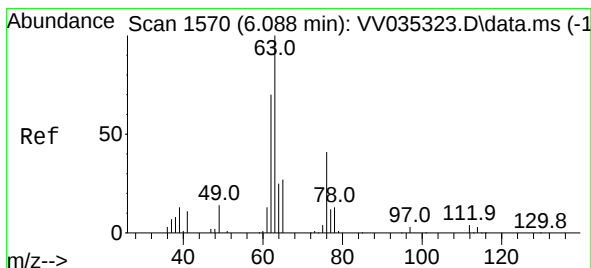
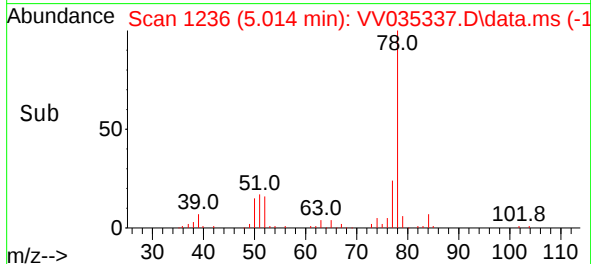
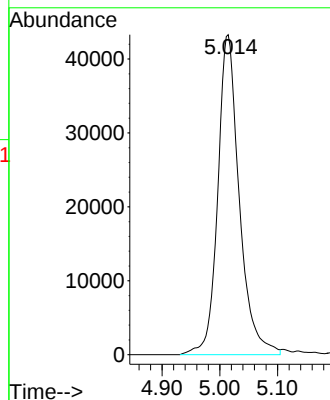
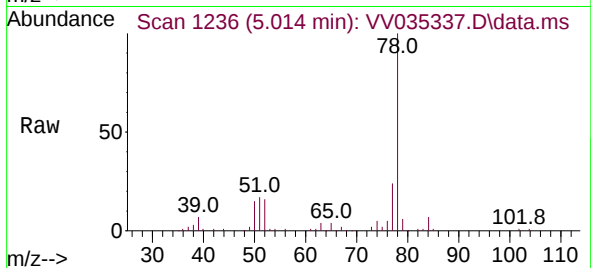




#33
Benzene
Concen: 23.841 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV035337.D
Acq: 22 Apr 2024 16:48

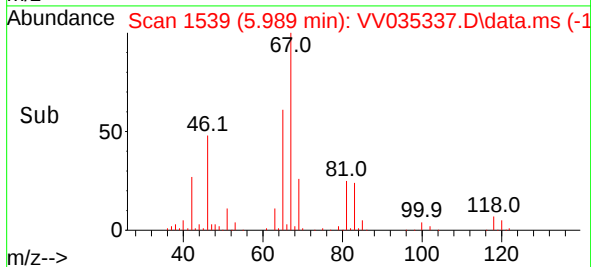
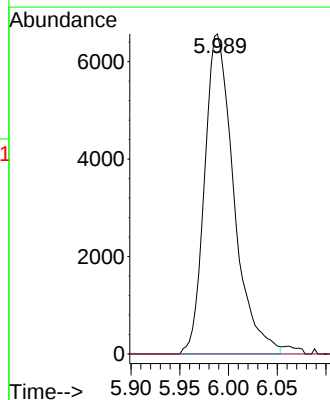
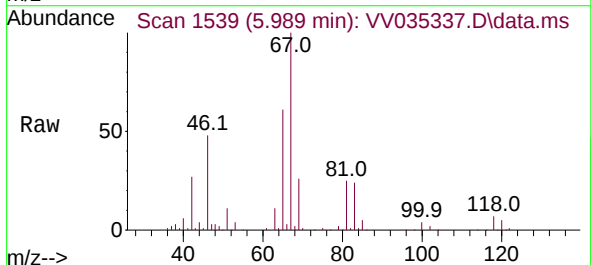
Instrument :
MSVOA_V
ClientSampleId :

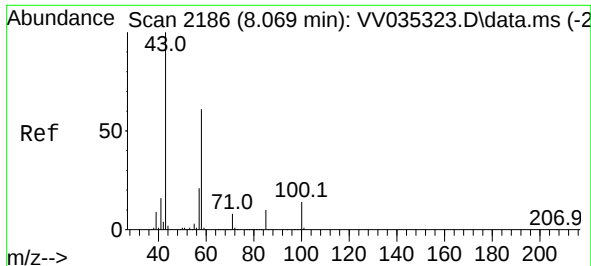
Tgt Ion: 78 Resp: 112126



#37
1,2-Dichloropropane
Concen: 10.554 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.100 min
Lab File: VV035337.D
Acq: 22 Apr 2024 16:48

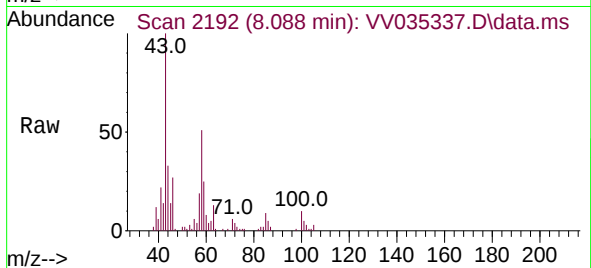
Tgt Ion: 63 Resp: 13717
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





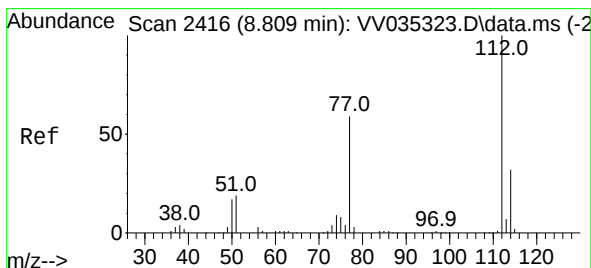
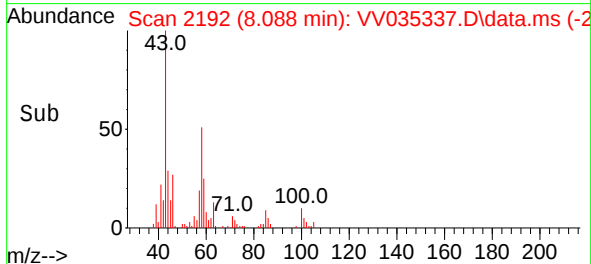
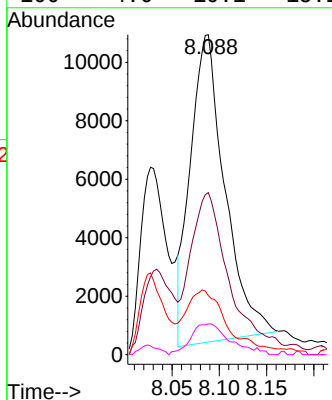
#48
2-Hexanone
Concen: 18.927 ug/L
RT: 8.088 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VV035337.D
Acq: 22 Apr 2024 16:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 26712

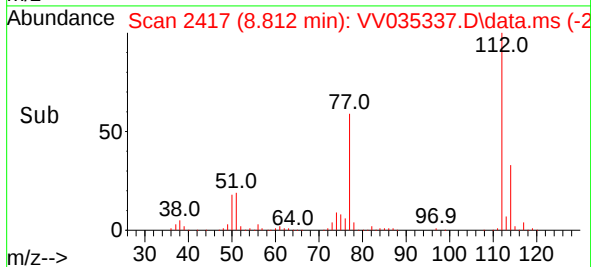
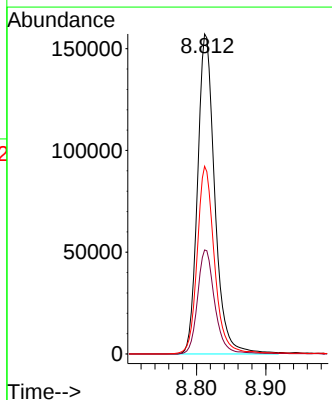
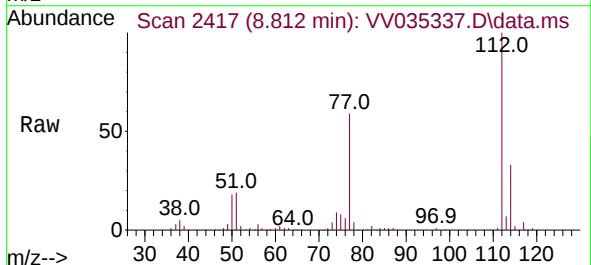
Ion	Ratio	Lower	Upper
43	100		
58	50.2	45.4	68.2
57	16.4	16.2	24.4
100	4.6	10.1	15.1

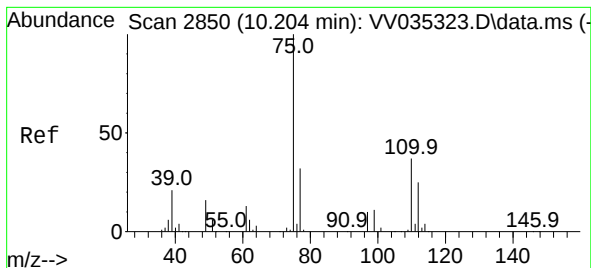


#51
Chlorobenzene
Concen: 85.086 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035337.D
Acq: 22 Apr 2024 16:48

Tgt Ion: 112 Resp: 271524

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.0	41.0
77	58.7	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 2.241 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.919 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :

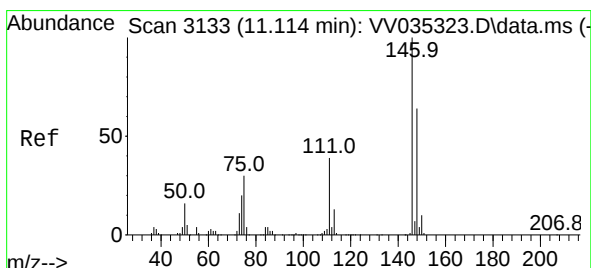
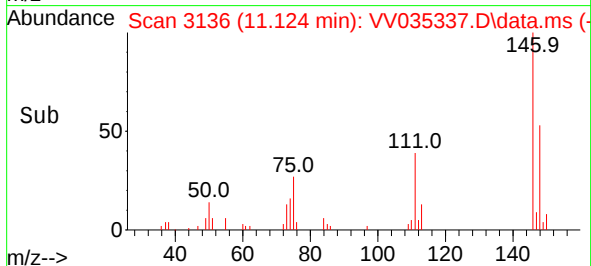
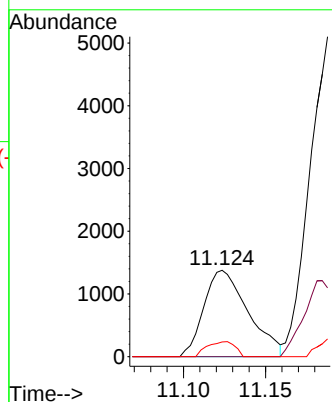
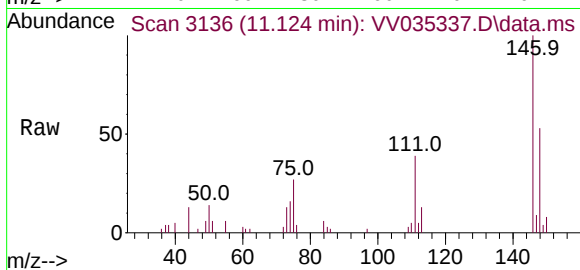
Tgt Ion: 75 Resp: 2582

Ion Ratio Lower Upper

75 100

77 2.3 26.0 39.0#

110 11.0 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 4.848 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.009 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

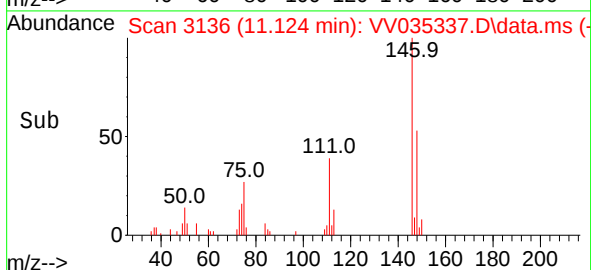
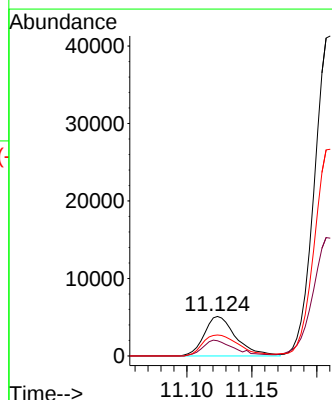
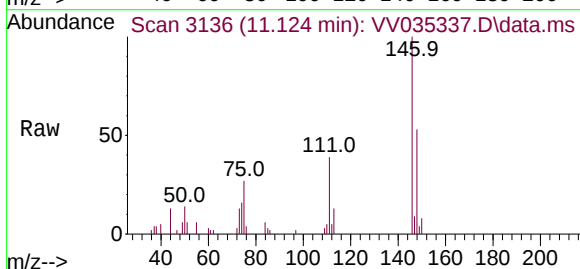
Tgt Ion:146 Resp: 8685

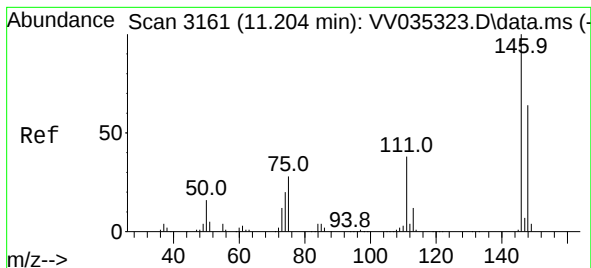
Ion Ratio Lower Upper

146 100

111 38.6 28.7 53.3

148 53.1 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 38.104 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :

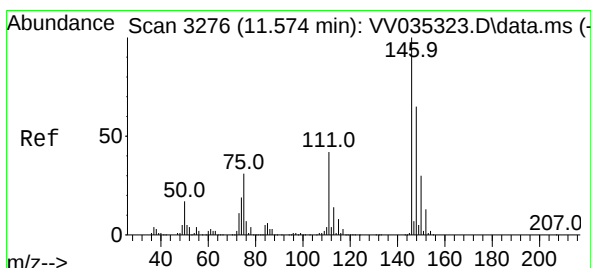
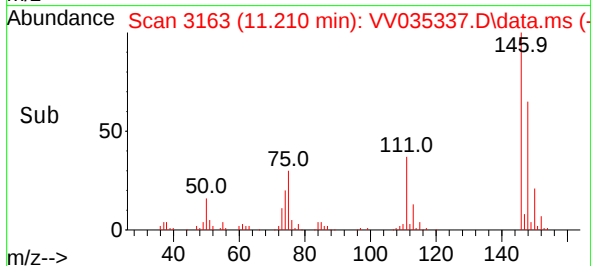
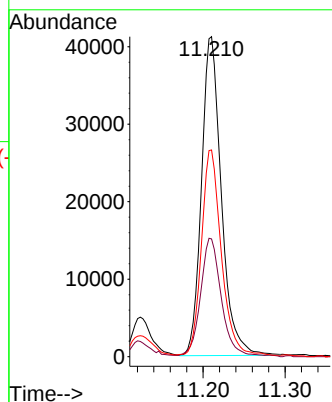
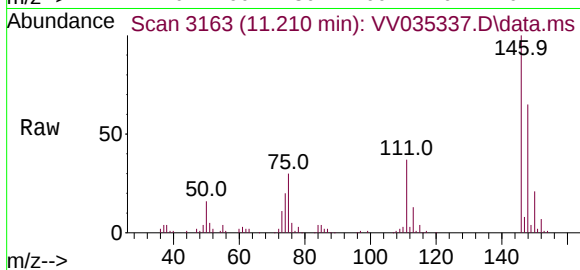
Tgt Ion:146 Resp: 69419

Ion Ratio Lower Upper

146 100

111 36.8 27.4 50.8

148 64.6 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 53.980 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

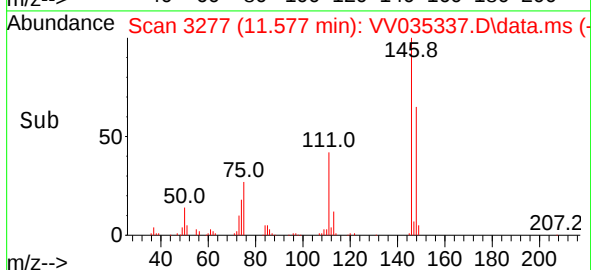
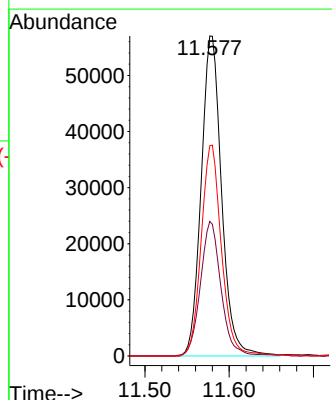
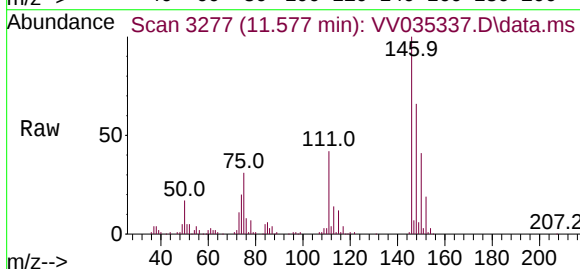
Tgt Ion:146 Resp: 96337

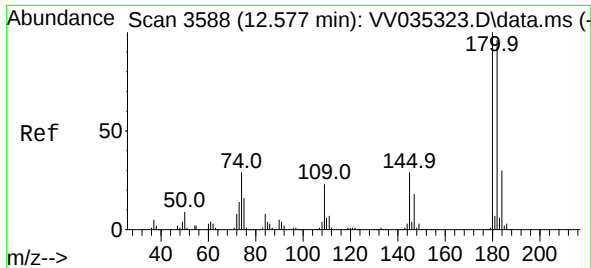
Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 65.7 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 22.203 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.620 min

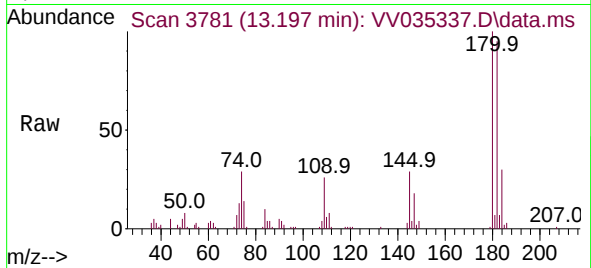
Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 28668

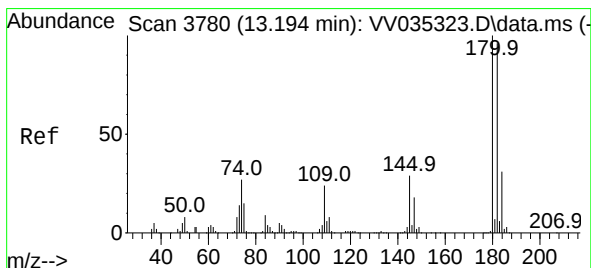
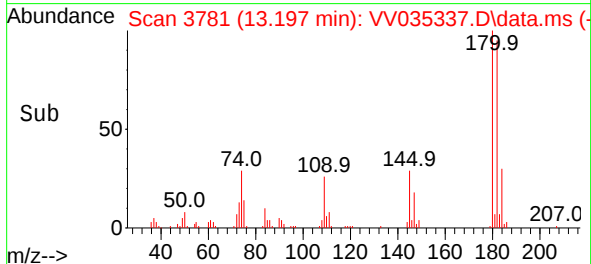
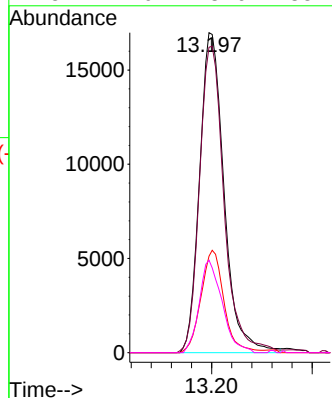
Ion Ratio Lower Upper

180 100

182 96.2 74.7 112.1

184 30.1 24.0 36.0

145 27.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 24.172 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035337.D

Acq: 22 Apr 2024 16:48

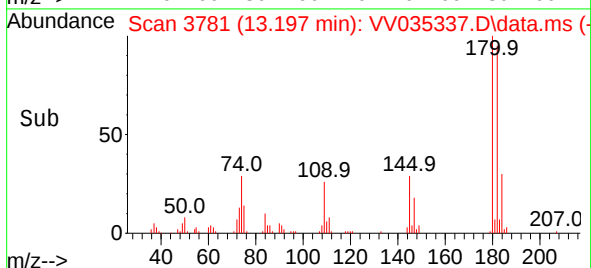
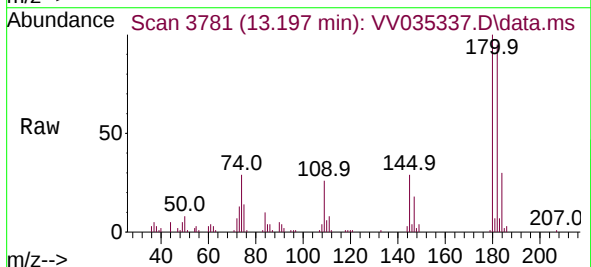
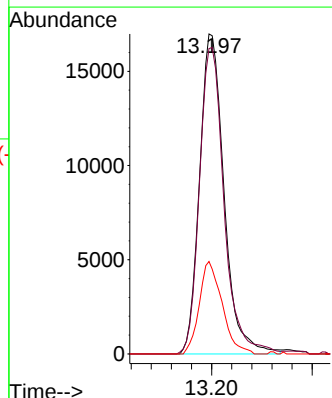
Tgt Ion:180 Resp: 28668

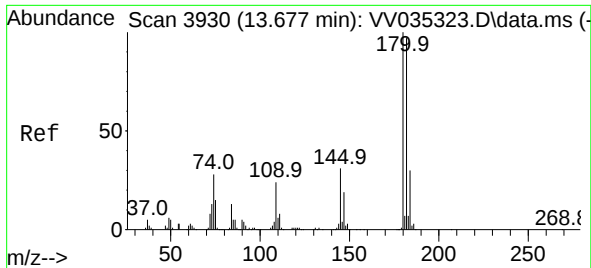
Ion Ratio Lower Upper

180 100

182 96.2 75.6 113.4

145 27.0 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 8.977 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

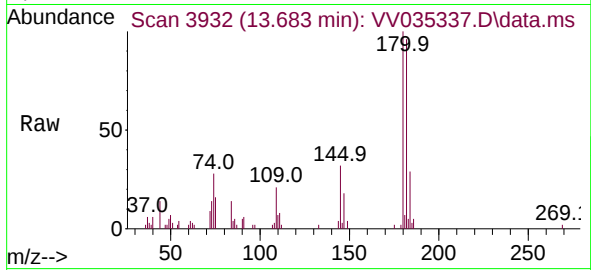
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Acq: 22 Apr 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10495

Ion Ratio Lower Upper

180 100

182 89.8 76.2 114.2

145 29.9 25.8 38.6

