

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034787.D
 Acq On : 21 Mar 2024 14:25
 Operator : SY/MD
 Sample : P1757-03 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:02:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

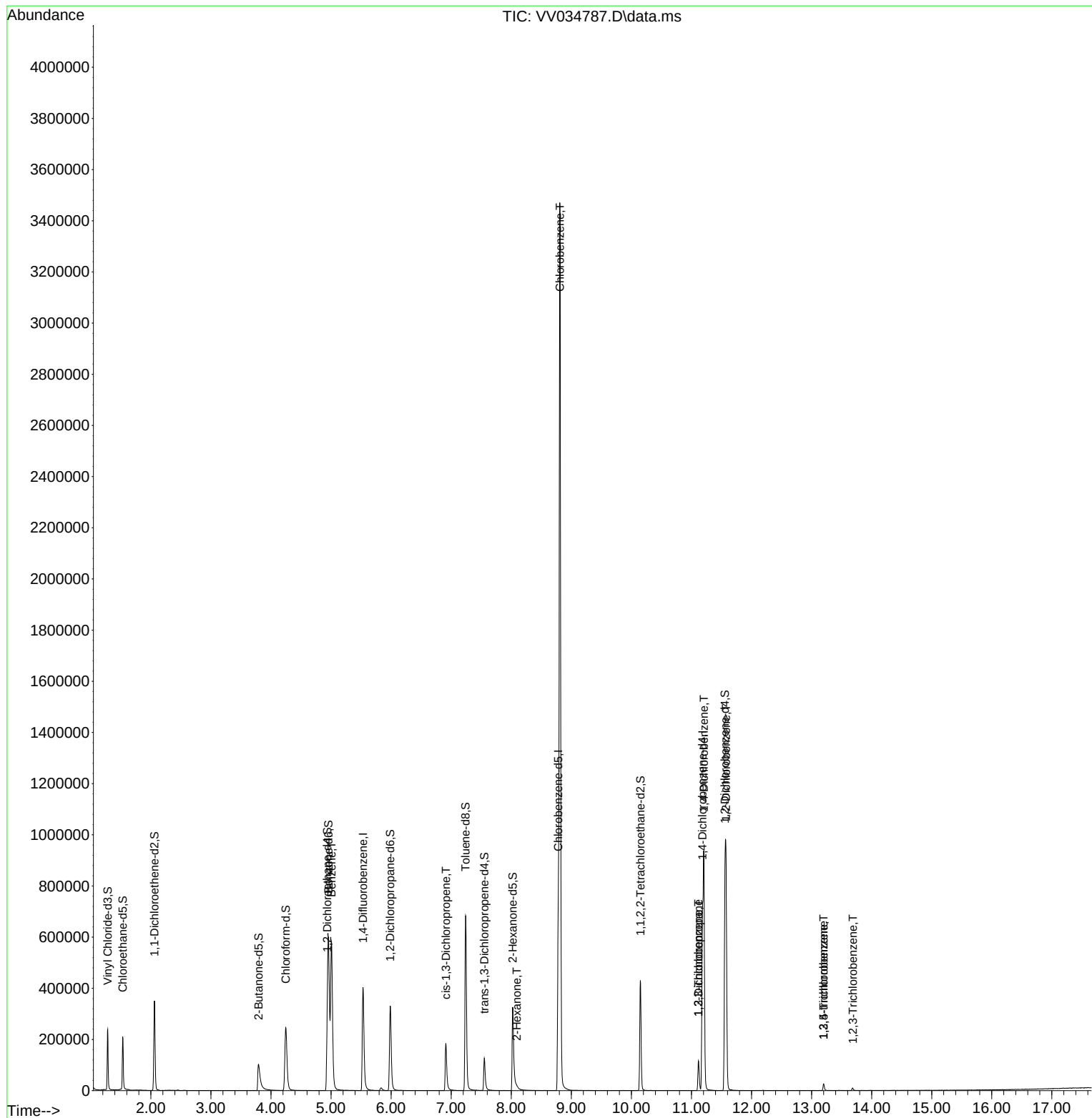
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	350259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	329693	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	160421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	153843	50.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.340%			
7) Chloroethane-d5	1.532	69	123246	52.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.200%			
11) 1,1-Dichloroethene-d2	2.060	65	58211	42.391	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.780%			
21) 2-Butanone-d5	3.793	46	188152	92.661	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.660%			
24) Chloroform-d	4.246	84	261587	48.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.440%			
26) 1,2-Dichloroethane-d4	4.937	65	175639	50.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.120%			
32) Benzene-d6	4.957	84	521309	52.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.780%			
36) 1,2-Dichloropropane-d6	5.986	67	158707	52.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.520%			
41) Toluene-d8	7.240	98	458552	50.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.840%			
43) trans-1,3-Dichloroprop...	7.551	79	75893	49.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.540%			
47) 2-Hexanone-d5	8.024	63	115327	76.056	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.060%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	200185	50.095	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.180%			
66) 1,2-Dichlorobenzene-d4	11.558	152	174093	53.092	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.180%			
Target Compounds					Qvalue	
33) Benzene	5.008	78	595152	58.156	ug/L	100
39) cis-1,3-Dichloropropene	6.912	75	5295	1.220	ug/L #	69
48) 2-Hexanone	8.092	43	14120	4.485	ug/L #	70
51) Chlorobenzene	8.809	112	1744392	249.133	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	14165	4.626	ug/L #	49
64) 1,3-Dichlorobenzene	11.117	146	47212	9.000	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	345093	64.780	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	304307	57.891	ug/L	99
69) 1,3,5-Trichlorobenzene	13.201	180	8231	2.092	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	8231	2.324	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	3387	0.980	ug/L	98

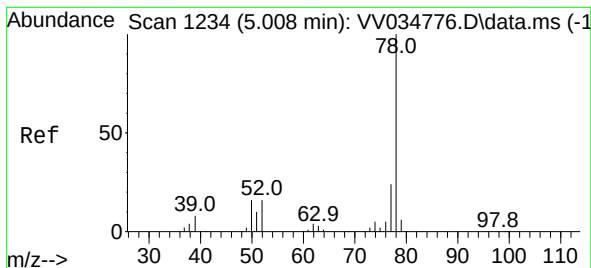
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:59:49 2024
Response via : Initial Calibration





#33

Benzene

Concen: 58.156 ug/L

RT: 5.008 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034787.D

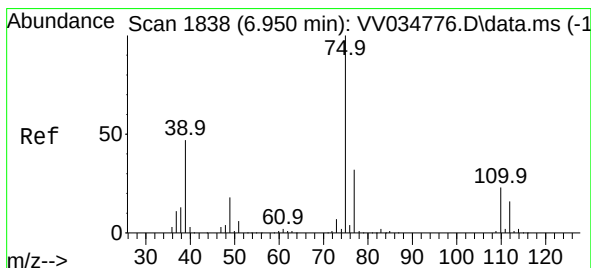
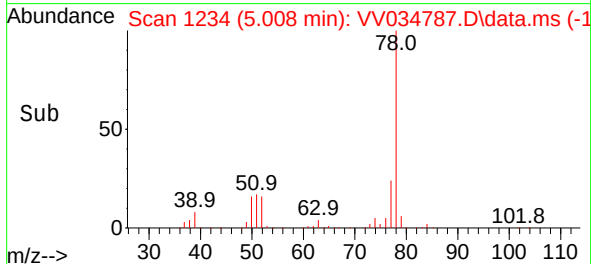
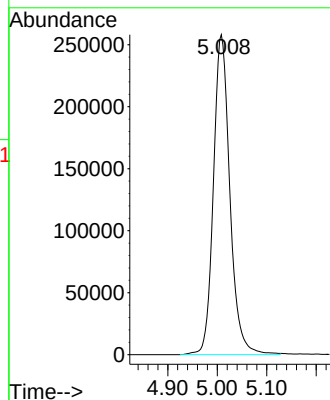
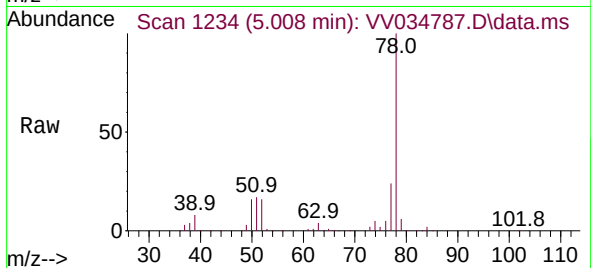
Acq: 21 Mar 2024 14:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 595152



#39

cis-1,3-Dichloropropene

Concen: 1.220 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV034787.D

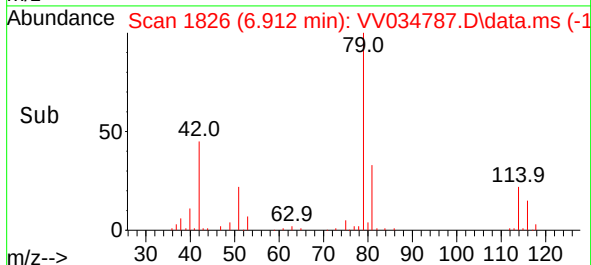
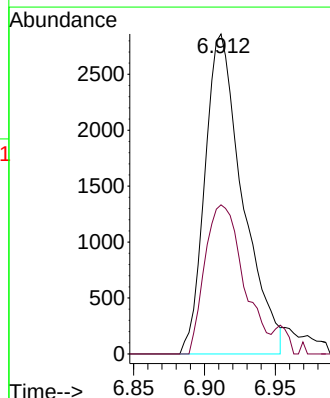
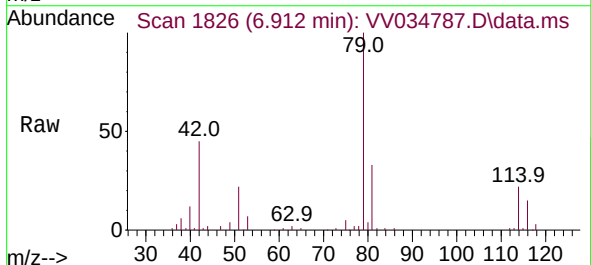
Acq: 21 Mar 2024 14:25

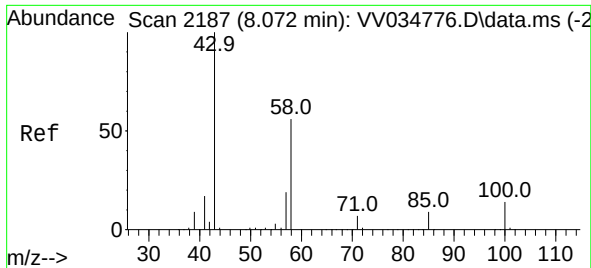
Tgt Ion: 75 Resp: 5295

Ion Ratio Lower Upper

75 100

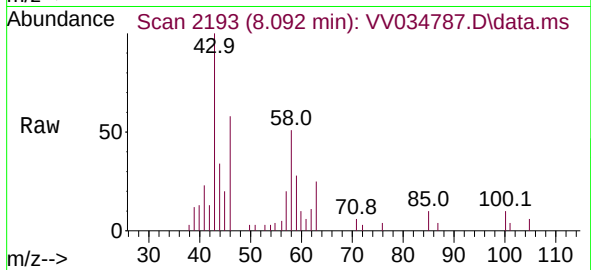
77 46.6 20.9 38.9#



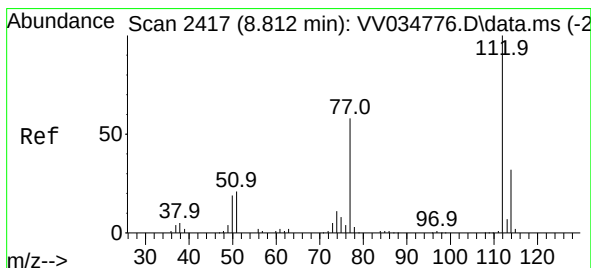
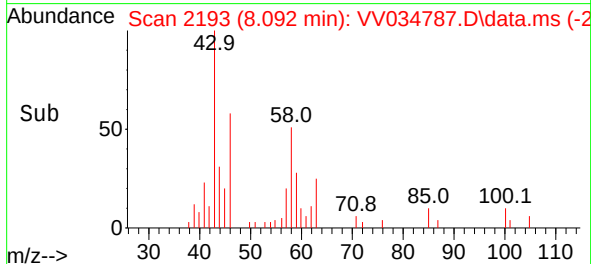
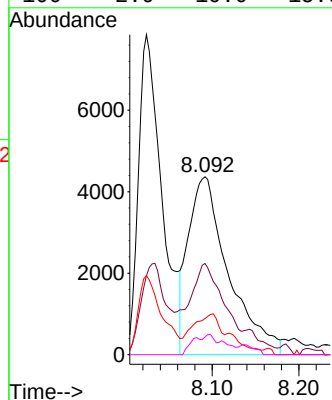


#48
2-Hexanone
Concen: 4.485 ug/L
RT: 8.092 min Scan# 2187
Delta R.T. 0.019 min
Lab File: VV034787.D
Acq: 21 Mar 2024 14:25

Instrument :
MSVOA_V
ClientSampleId :

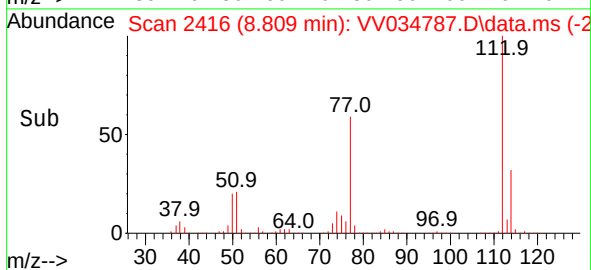
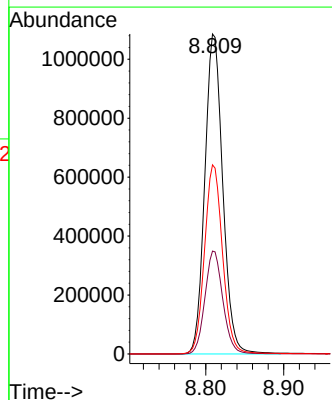
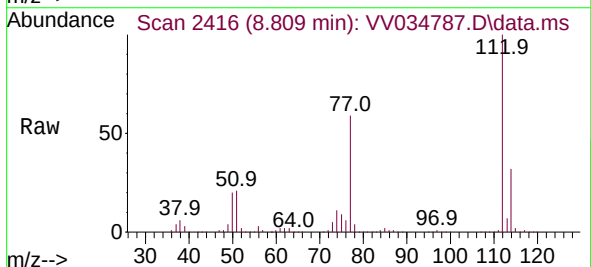


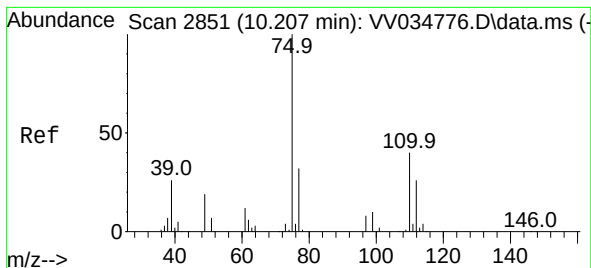
Tgt Ion:	43	Resp:	14120
Ion Ratio	Lower	Upper	
43	100		
58	28.2	42.0	63.0#
57	8.9	15.2	22.8#
100	2.9	10.0	15.0#



#51
Chlorobenzene
Concen: 249.133 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV034787.D
Acq: 21 Mar 2024 14:25

Tgt Ion:	112	Resp:	1744392
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.3	41.5
77	59.1	47.7	71.5





#61

1,2,3-Trichloropropane

Concen: 4.626 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

Instrument :

MSVOA_V

ClientSampleId :

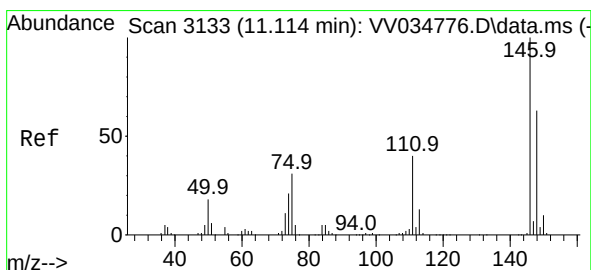
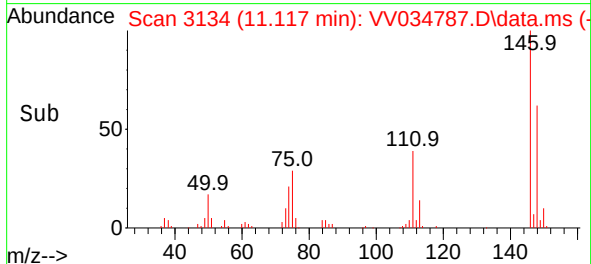
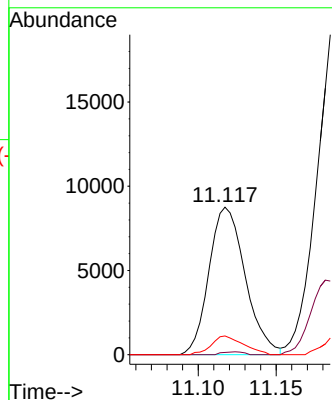
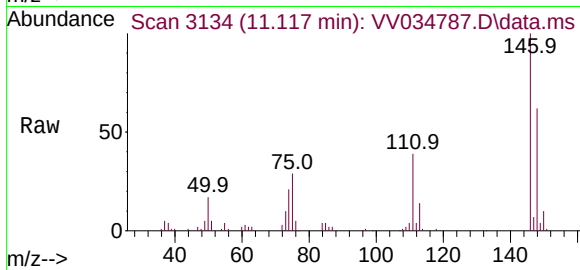
Tgt Ion: 75 Resp: 14165

Ion Ratio Lower Upper

75 100

77 1.1 25.9 38.9#

110 11.2 33.1 49.7#



#64

1,3-Dichlorobenzene

Concen: 9.000 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

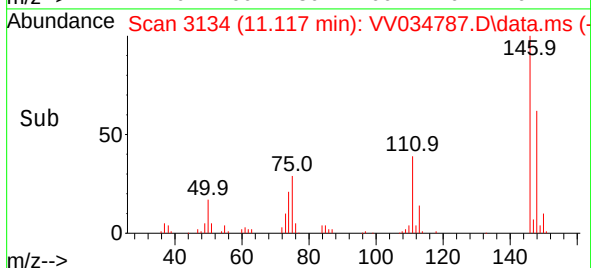
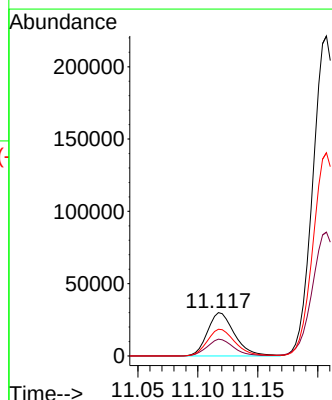
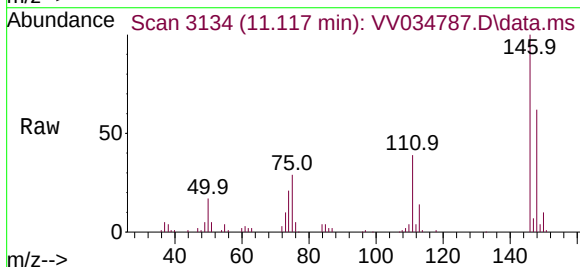
Tgt Ion:146 Resp: 47212

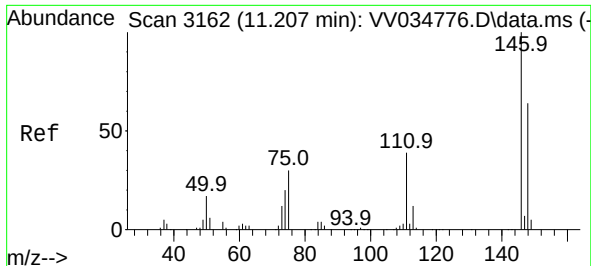
Ion Ratio Lower Upper

146 100

111 38.6 27.9 51.7

148 61.8 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 64.780 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

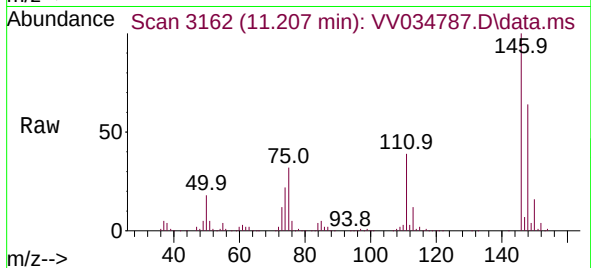
Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

Instrument :

MSVOA_V

ClientSampleId :



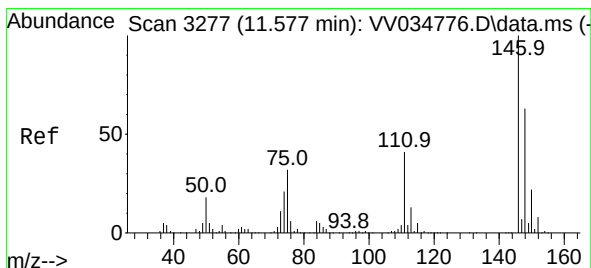
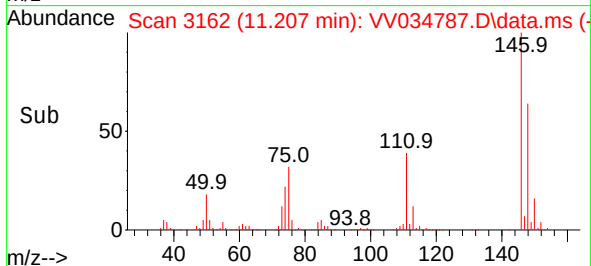
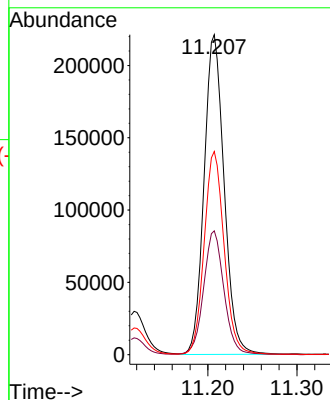
Tgt Ion:146 Resp: 345093

Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.1

148 63.5 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 57.891 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

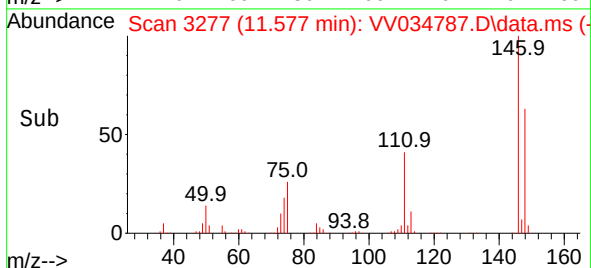
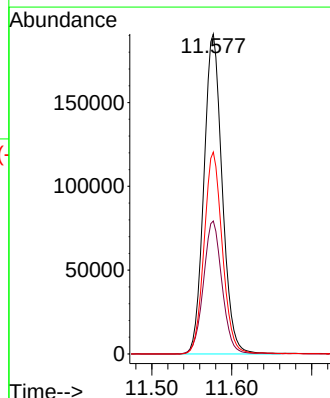
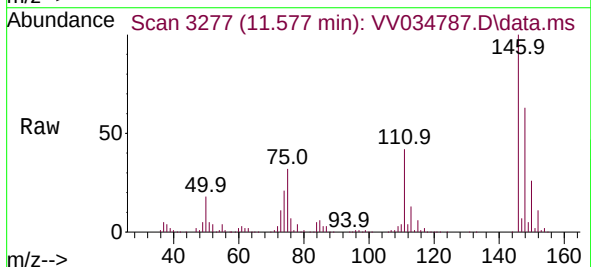
Tgt Ion:146 Resp: 304307

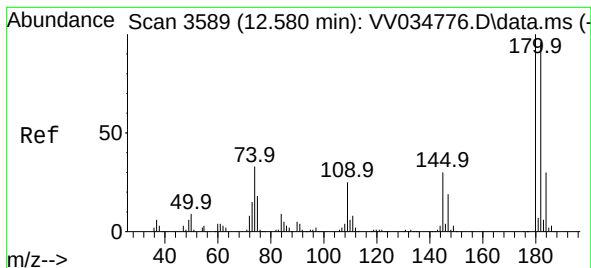
Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.8

148 63.1 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 2.092 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 8231

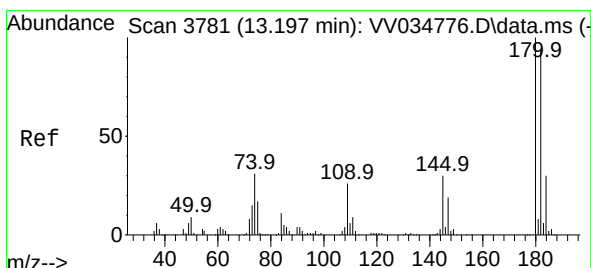
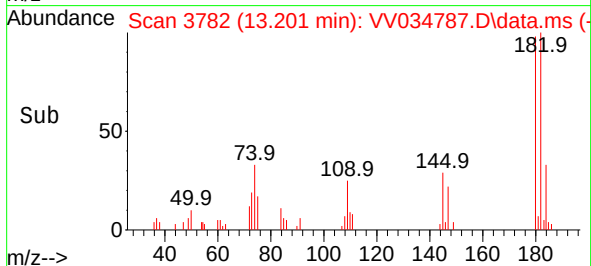
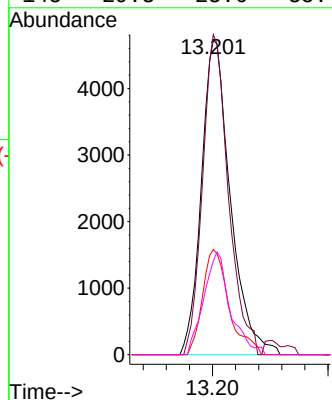
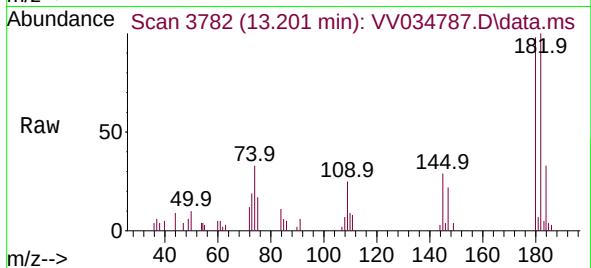
Ion Ratio Lower Upper

180 100

182 90.5 74.6 112.0

184 30.5 23.6 35.4

145 29.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.324 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

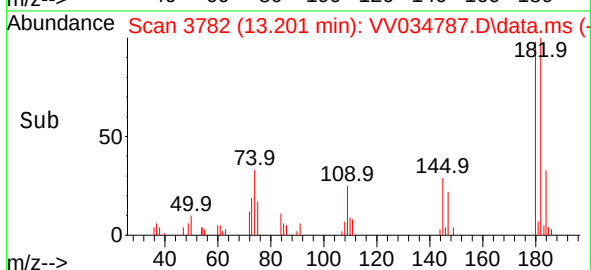
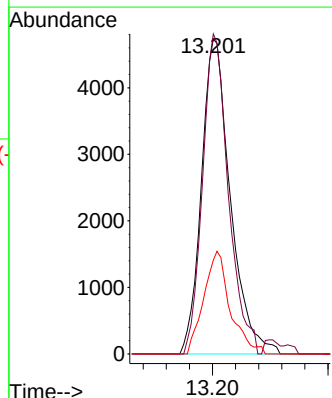
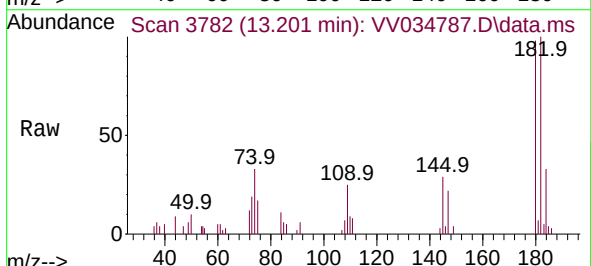
Tgt Ion:180 Resp: 8231

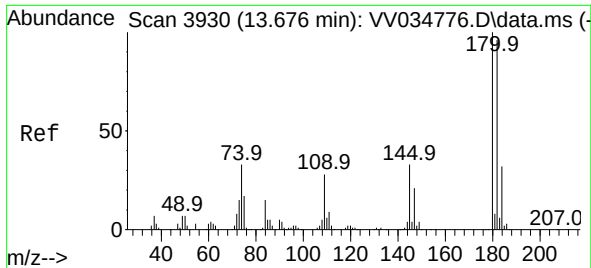
Ion Ratio Lower Upper

180 100

182 90.5 74.8 112.2

145 29.3 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 0.980 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

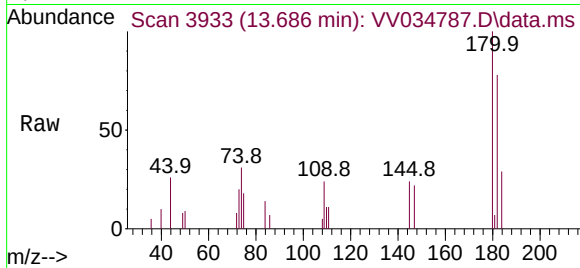
Lab File: VV034787.D

Acq: 21 Mar 2024 14:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3387

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 29.1 25.5 38.3

