

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035478.D
 Acq On : 29 Apr 2024 18:09
 Operator : SY/MD
 Sample : P2279-13DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:14:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

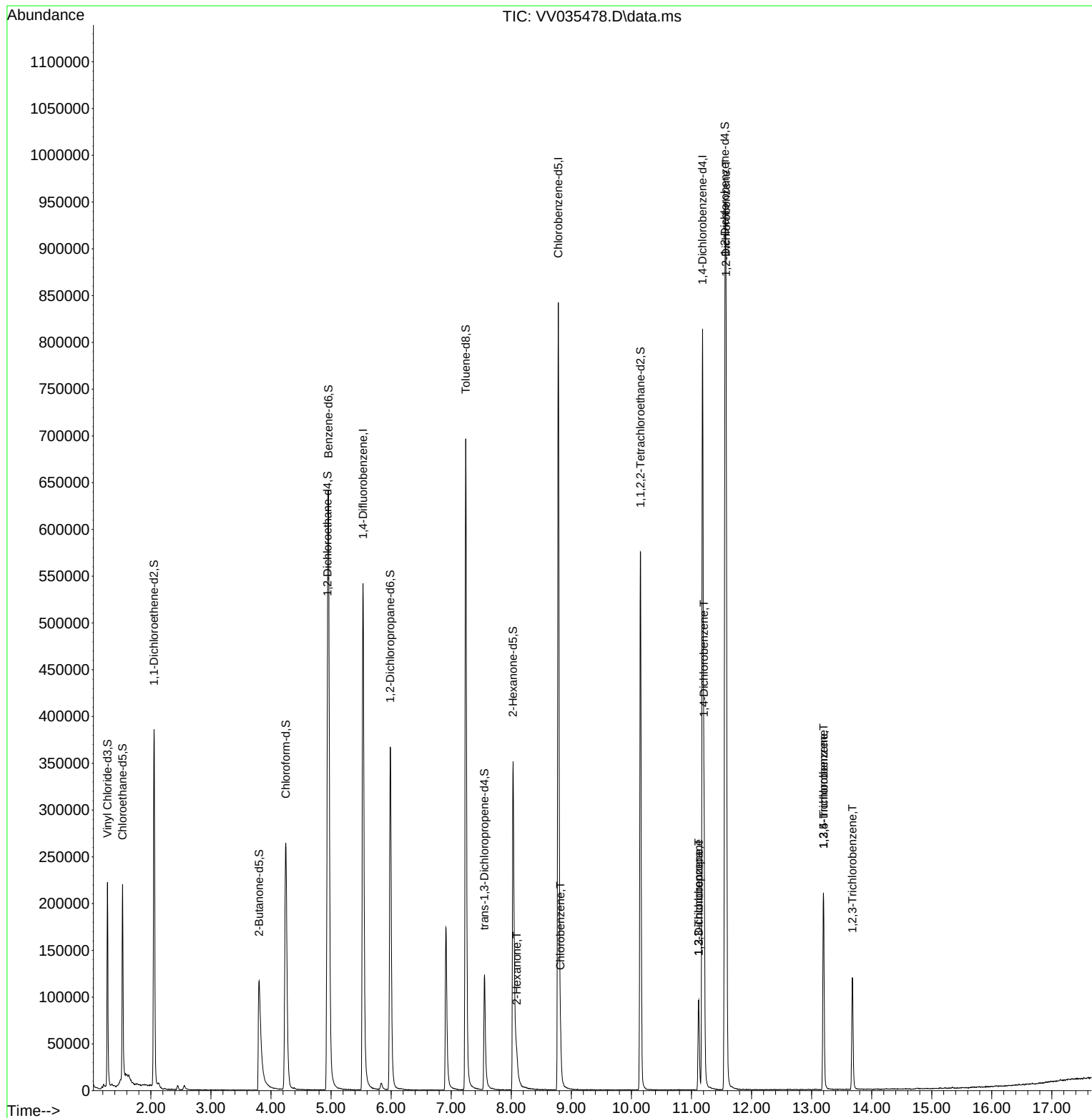
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	486851	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	485997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	210572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150036	38.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.700%		
7) Chloroethane-d5	1.529	69	127353	56.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	113.620%		
11) 1,1-Dichloroethene-d2	2.053	65	66239	41.422	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.840%		
21) 2-Butanone-d5	3.802	46	225343	112.376	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.380%		
24) Chloroform-d	4.246	84	298624	45.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.720%		
26) 1,2-Dichloroethane-d4	4.941	65	189497	49.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.840%		
32) Benzene-d6	4.957	84	586631	45.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.860%		
36) 1,2-Dichloropropane-d6	5.986	67	191246	48.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.060%		
41) Toluene-d8	7.243	98	485011	42.133	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.260%		
43) trans-1,3-Dichloroprop...	7.555	79	81019	43.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.900%		
47) 2-Hexanone-d5	8.030	63	121277	106.760	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.760%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	286102	50.941	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.880%		
66) 1,2-Dichlorobenzene-d4	11.558	152	193843	52.616	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.240%		
Target Compounds						Qvalue
48) 2-Hexanone	8.092	43	23419	6.354	ug/L #	69
51) Chlorobenzene	8.818	112	33187	3.454	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	12199	3.095	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	42814	6.841	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	120818	18.406	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	281983	44.472	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	69317	15.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	69317	19.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	40227	11.728	ug/L	98

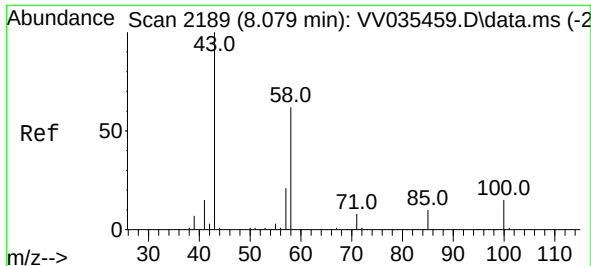
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 02:09:05 2024
Response via : Initial Calibration





#48

2-Hexanone

Concen: 6.354 ug/L

RT: 8.092 min Scan# 2189

Delta R.T. 0.013 min

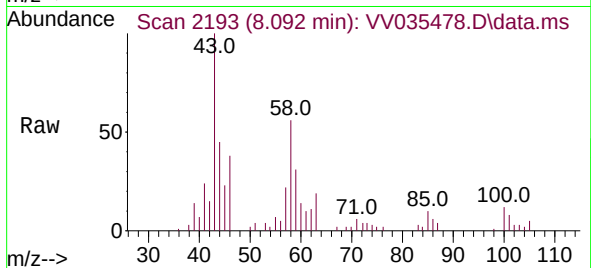
Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 23419

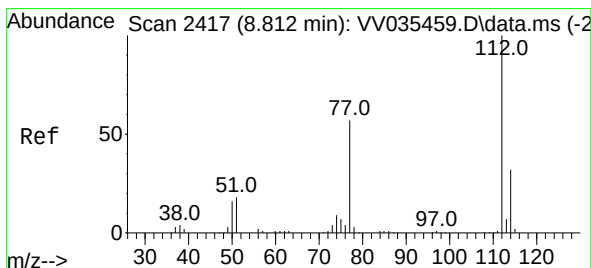
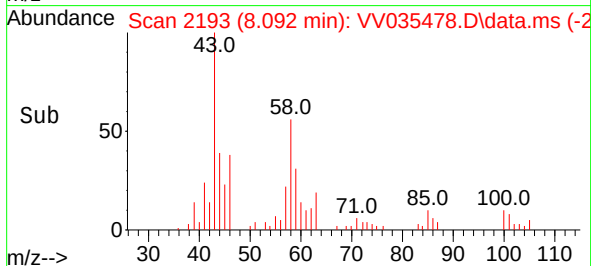
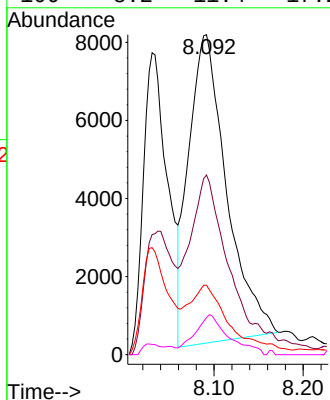
Ion Ratio Lower Upper

43 100

58 39.1 49.4 74.0#

57 0.0 17.1 25.7#

100 8.2 11.4 17.2#



#51

Chlorobenzene

Concen: 3.454 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.006 min

Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

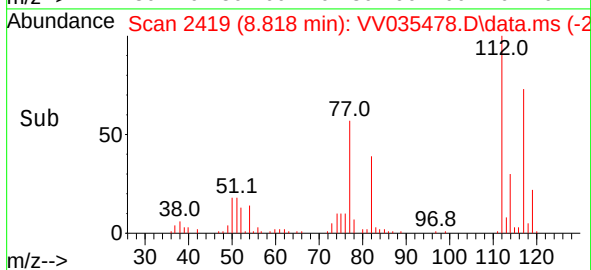
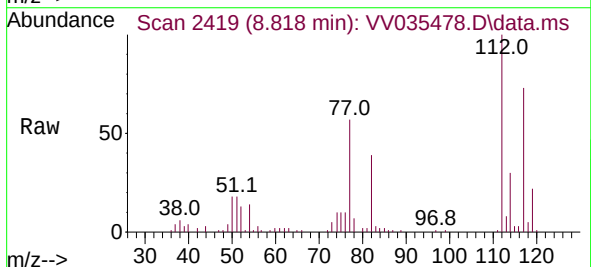
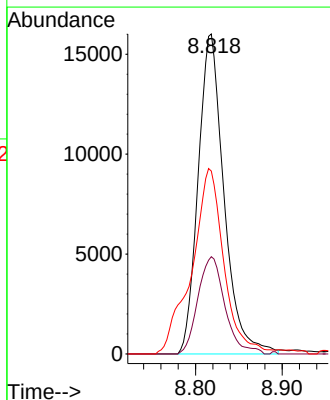
Tgt Ion: 112 Resp: 33187

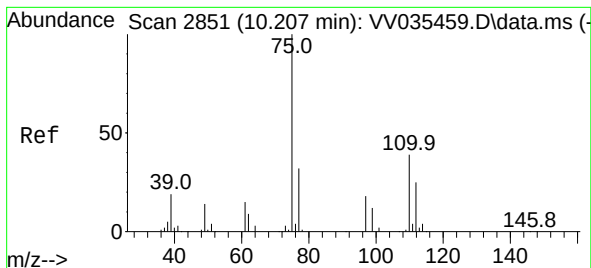
Ion Ratio Lower Upper

112 100

114 30.4 22.4 41.6

77 57.2 45.6 68.4





#61

1,2,3-Trichloropropane

Concen: 3.095 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.913 min

Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

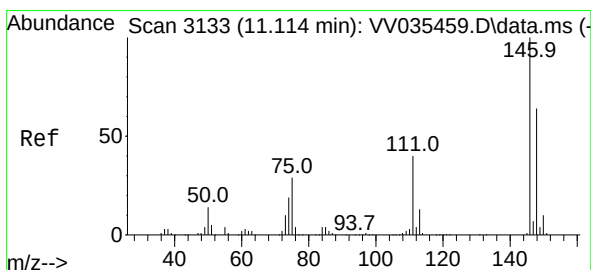
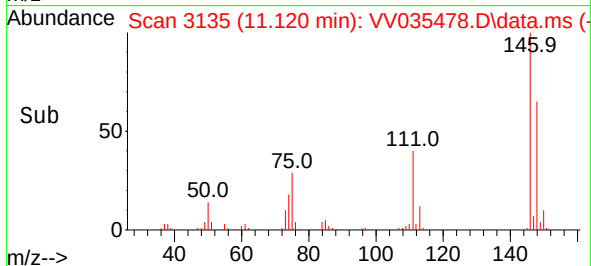
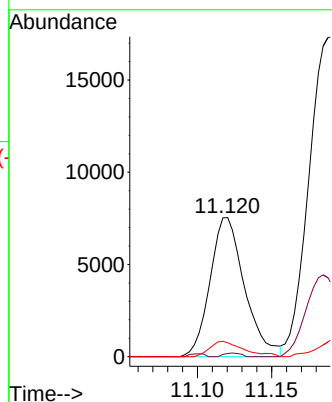
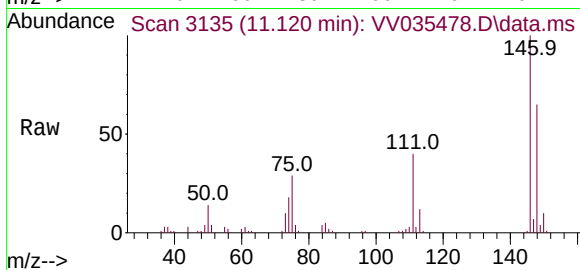
Tgt Ion: 75 Resp: 12199

Ion Ratio Lower Upper

75 100

77 1.3 25.3 37.9#

110 10.0 31.2 46.8#



#64

1,3-Dichlorobenzene

Concen: 6.841 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

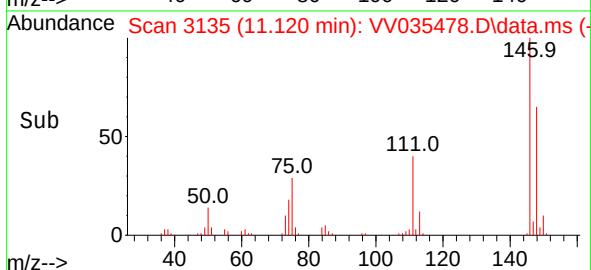
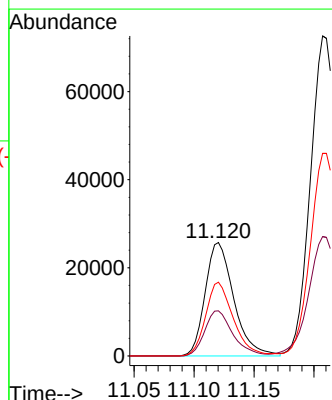
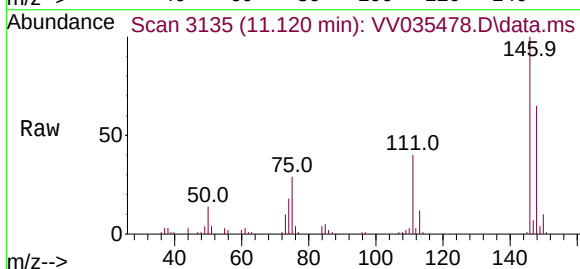
Tgt Ion:146 Resp: 42814

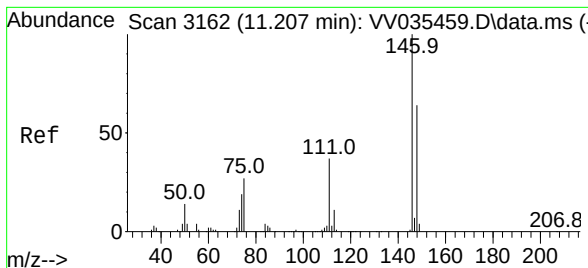
Ion Ratio Lower Upper

146 100

111 39.8 27.0 50.2

148 65.0 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 18.406 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

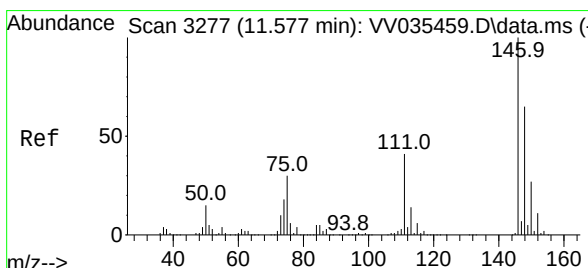
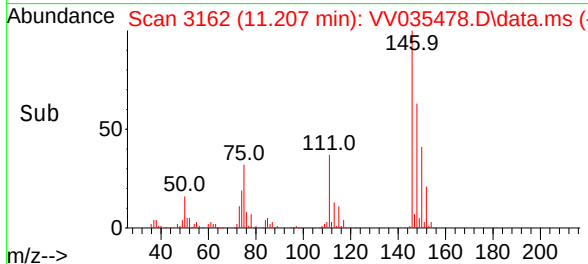
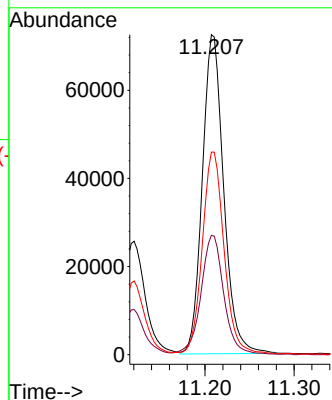
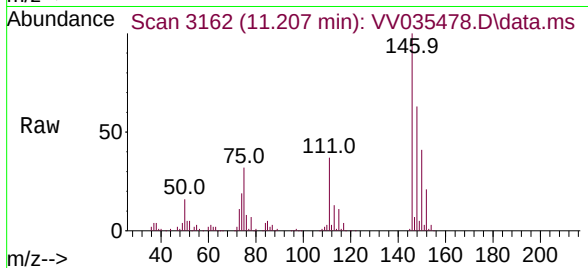
Tgt Ion:146 Resp: 120818

Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

148 63.3 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 44.472 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

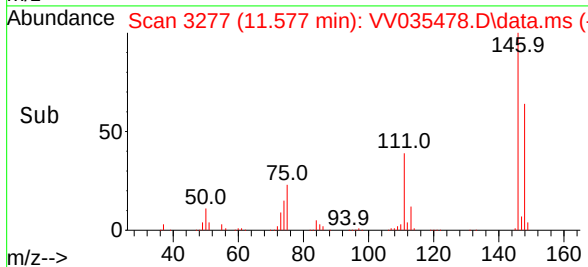
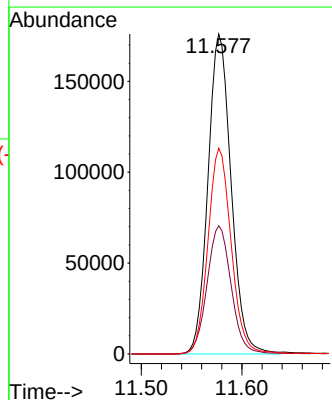
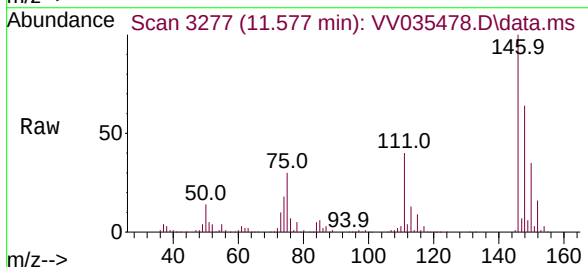
Tgt Ion:146 Resp: 281983

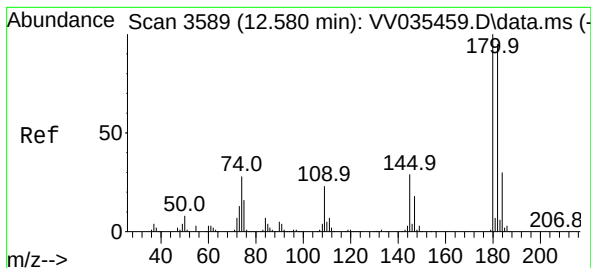
Ion Ratio Lower Upper

146 100

111 40.0 33.3 49.9

148 64.3 52.2 78.2





#69

1,3,5-Trichlorobenzene

Concen: 15.633 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

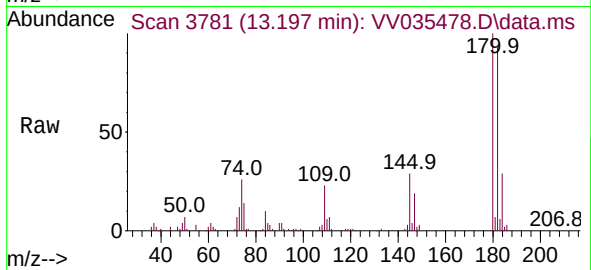
Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 69317

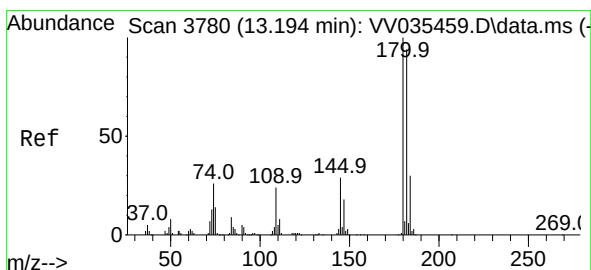
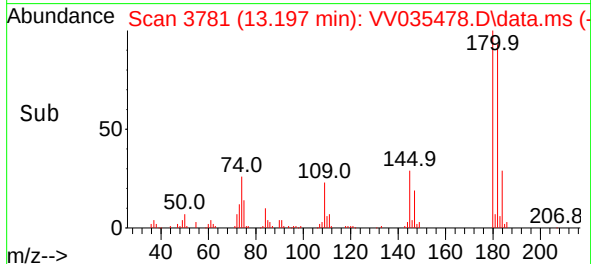
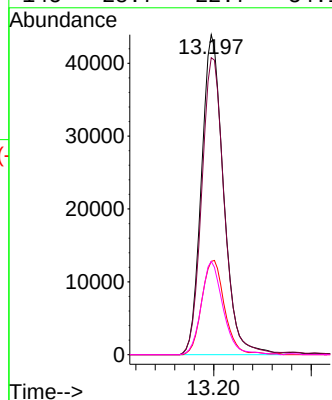
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

184 29.8 23.8 35.6

145 28.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 19.692 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

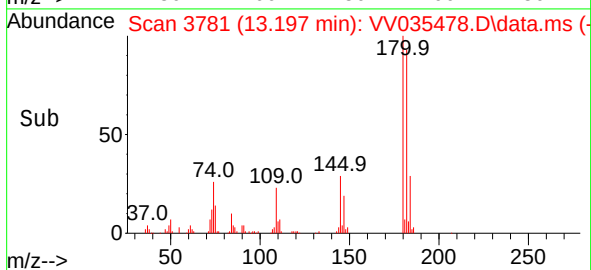
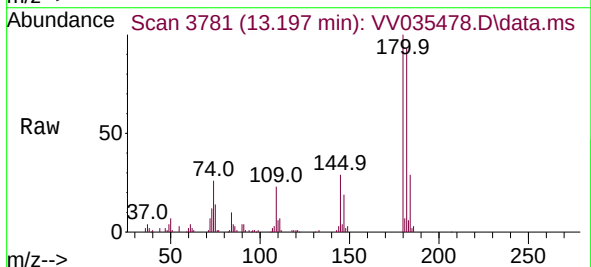
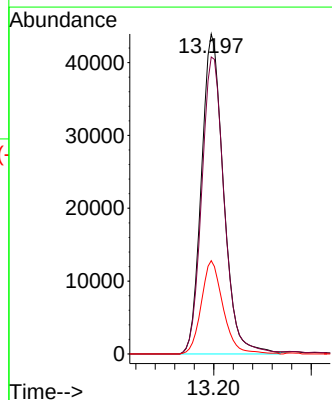
Tgt Ion:180 Resp: 69317

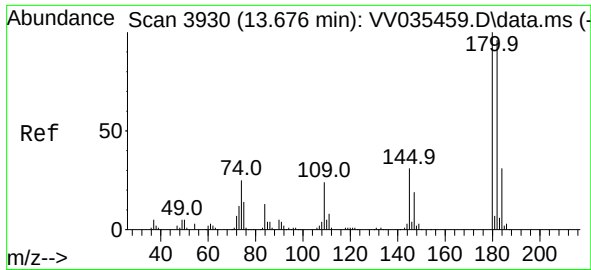
Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

145 28.7 23.2 34.8





#72

1,2,3-Trichlorobenzene

Concen: 11.728 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

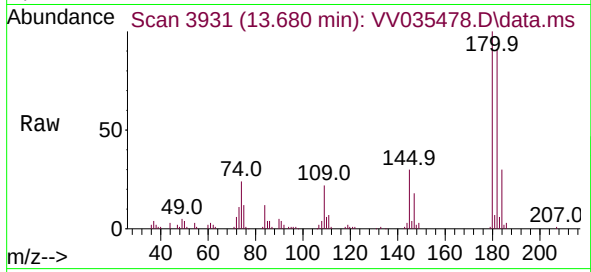
Lab File: VV035478.D

Acq: 29 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 40227

Ion Ratio Lower Upper

180 100

182 93.3 76.6 115.0

145 30.1 24.7 37.1

