

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035030.D
 Acq On : 06 Apr 2024 01:51
 Operator : SY/MD
 Sample : P2009-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 03:20:50 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

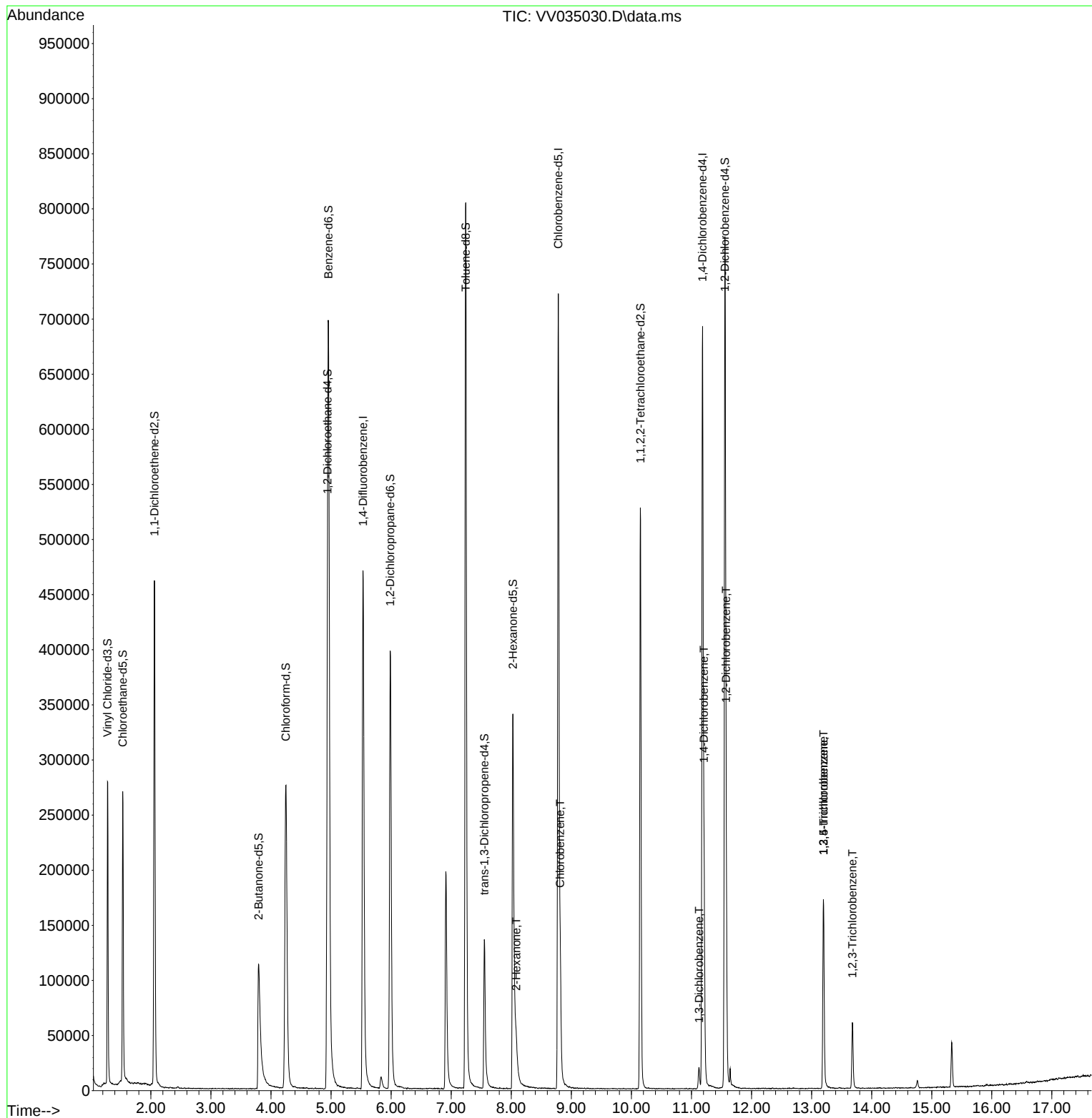
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	410408	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	385991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	169215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	183119	46.201	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.400%	
7) Chloroethane-d5	1.532	69	165072	47.950	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.900%	
11) 1,1-Dichloroethene-d2	2.059	65	80092	46.098	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.200%	
21) 2-Butanone-d5	3.793	46	214193	91.119	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.120%	
24) Chloroform-d	4.246	84	301729	45.278	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.560%	
26) 1,2-Dichloroethane-d4	4.940	65	197989	46.796	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.600%	
32) Benzene-d6	4.957	84	631033	48.670	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.340%	
36) 1,2-Dichloropropane-d6	5.985	67	200678	48.741	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.480%	
41) Toluene-d8	7.243	98	544811	46.658	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.320%	
43) trans-1,3-Dichloroprop...	7.551	79	84079	42.007	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.020%	
47) 2-Hexanone-d5	8.027	63	116192	74.642	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	74.640%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257129	45.351	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.700%	
66) 1,2-Dichlorobenzene-d4	11.558	152	188194	49.535	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.060%	
Target Compounds						
48) 2-Hexanone	8.085	43	26306	6.965	ug/L #	93
51) Chlorobenzene	8.815	112	67011	7.846	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	8294	1.455	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	81276	14.020	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	61936	10.906	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	53658	13.060	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	53658	14.218	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	18533	4.982	ug/L	98

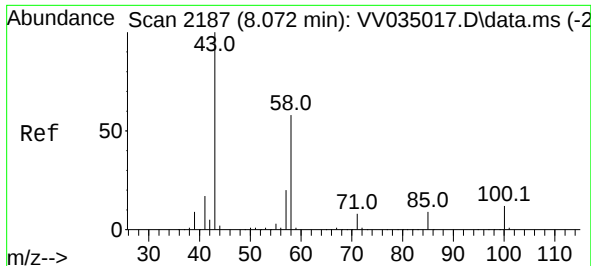
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





#48

2-Hexanone

Concen: 6.965 ug/L

RT: 8.085 min Scan# 2187

Delta R.T. 0.013 min

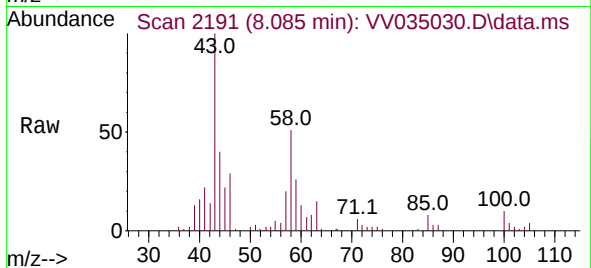
Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 26306

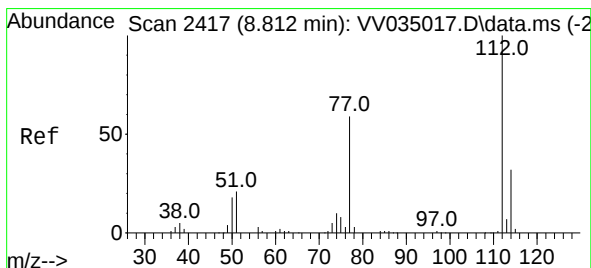
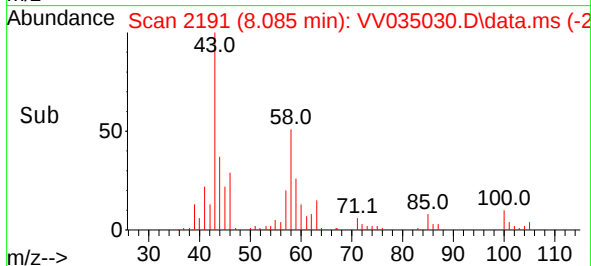
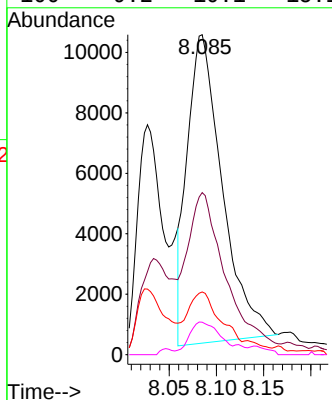
Ion Ratio Lower Upper

43 100

58 53.6 45.4 68.2

57 14.9 16.2 24.4#

100 9.2 10.1 15.1#



#51

Chlorobenzene

Concen: 7.846 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV035030.D

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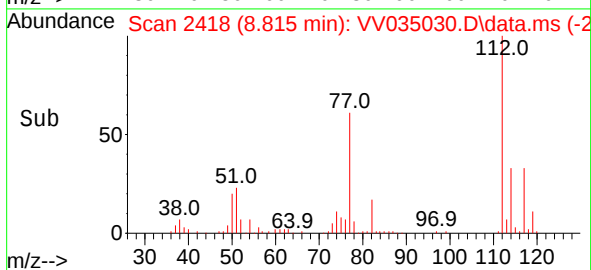
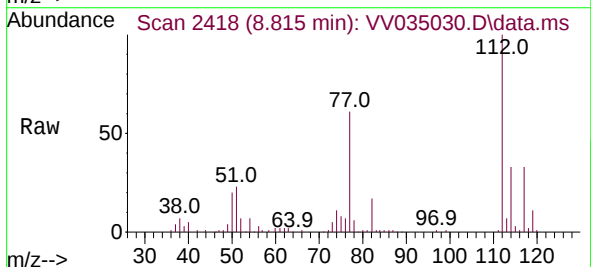
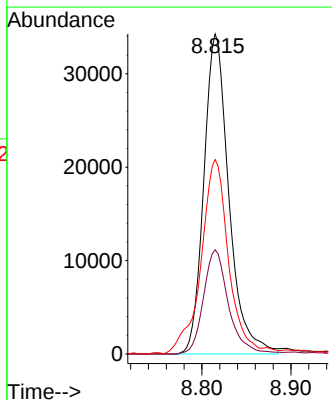
Tgt Ion: 112 Resp: 67011

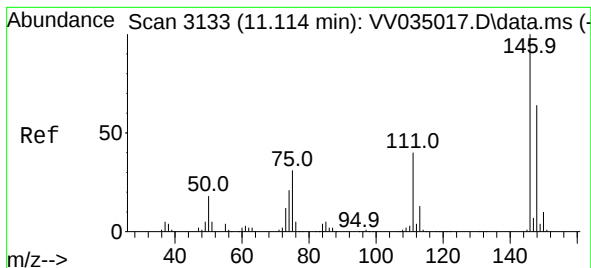
Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

77 60.8 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 1.455 ug/L

RT: 11.127 min Scan# 3133

Delta R.T. 0.013 min

Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

Instrument :

MSVOA_V

ClientSampleId :

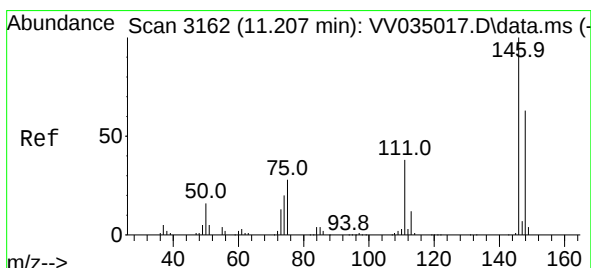
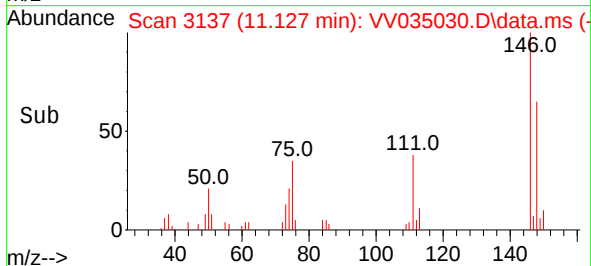
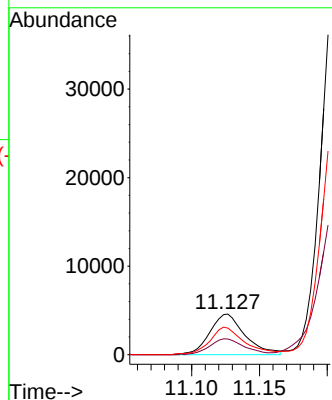
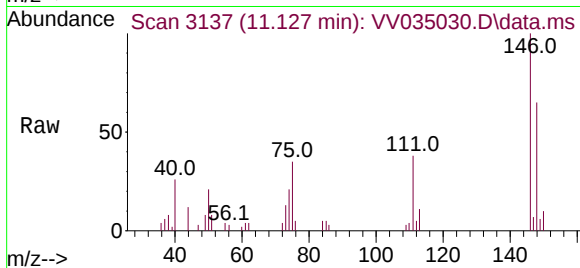
Tgt Ion:146 Resp: 8294

Ion Ratio Lower Upper

146 100

111 38.4 28.7 53.3

148 65.2 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 14.020 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

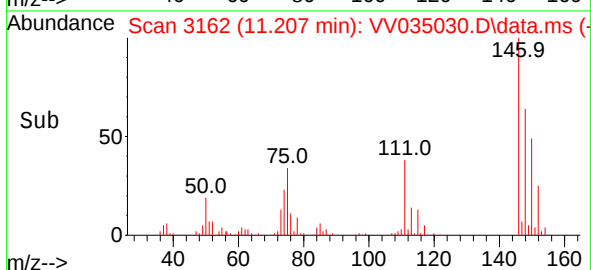
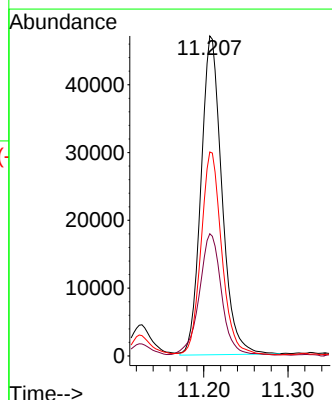
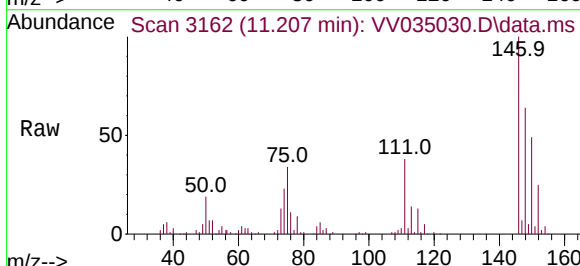
Tgt Ion:146 Resp: 81276

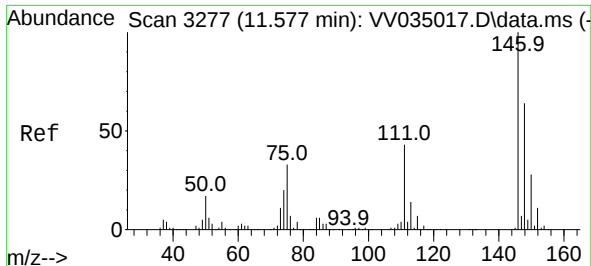
Ion Ratio Lower Upper

146 100

111 38.2 27.4 50.8

148 63.7 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 10.906 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

Instrument :

MSVOA_V

ClientSampleId :

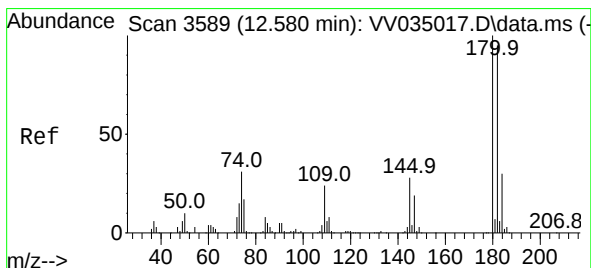
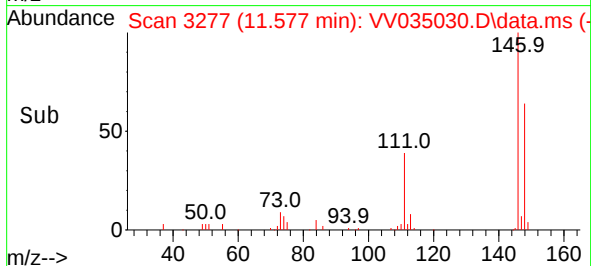
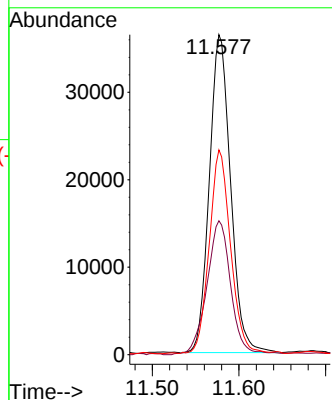
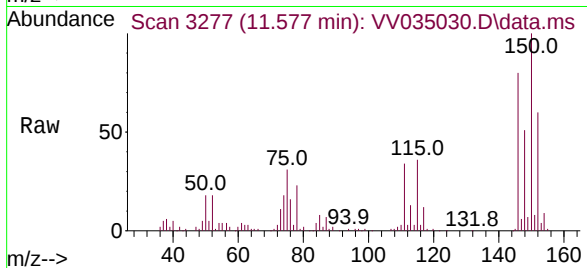
Tgt Ion:146 Resp: 61936

Ion Ratio Lower Upper

146 100

111 41.9 34.6 52.0

148 64.0 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 13.060 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

Tgt Ion:180 Resp: 53658

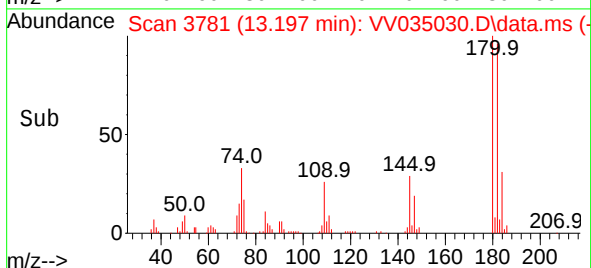
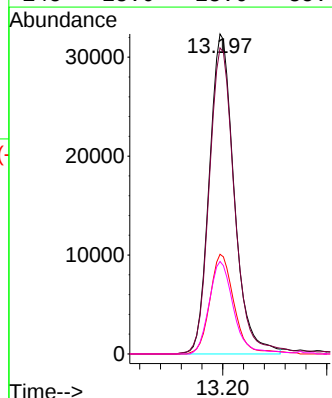
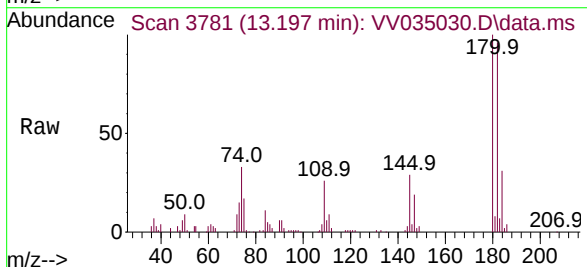
Ion Ratio Lower Upper

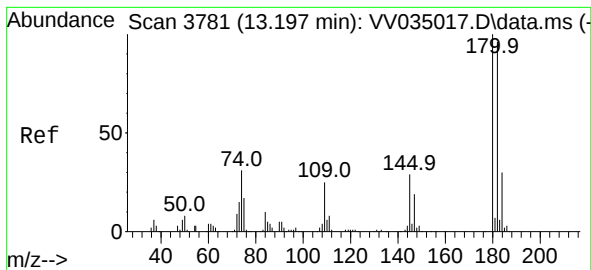
180 100

182 97.7 74.7 112.1

184 29.7 24.0 36.0

145 28.0 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 14.218 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

Instrument :

MSVOA_V

ClientSampleId :

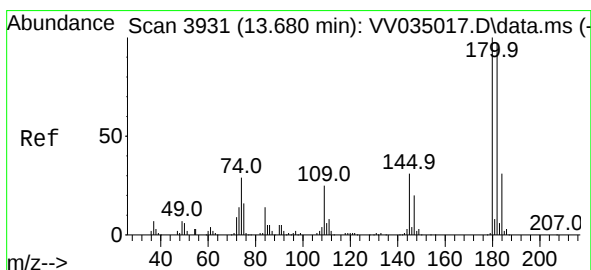
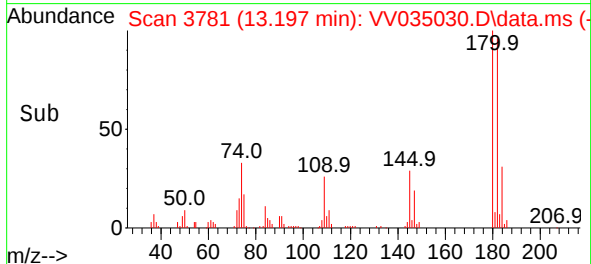
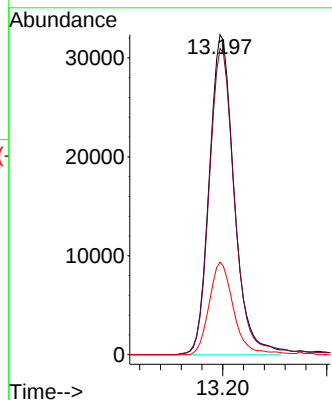
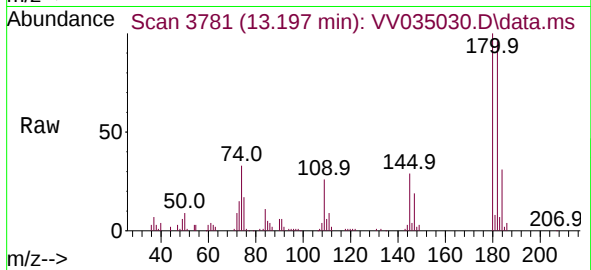
Tgt Ion:180 Resp: 53658

Ion Ratio Lower Upper

180 100

182 97.7 75.6 113.4

145 28.0 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 4.982 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV035030.D

Acq: 06 Apr 2024 01:51

Tgt Ion:180 Resp: 18533

Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 29.7 25.8 38.6

