

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032224\
 Data File : VV034811.D
 Acq On : 22 Mar 2024 12:07
 Operator : SY/MD
 Sample : P1757-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 23 04:59:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 04:57:15 2024
 Response via : Initial Calibration

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

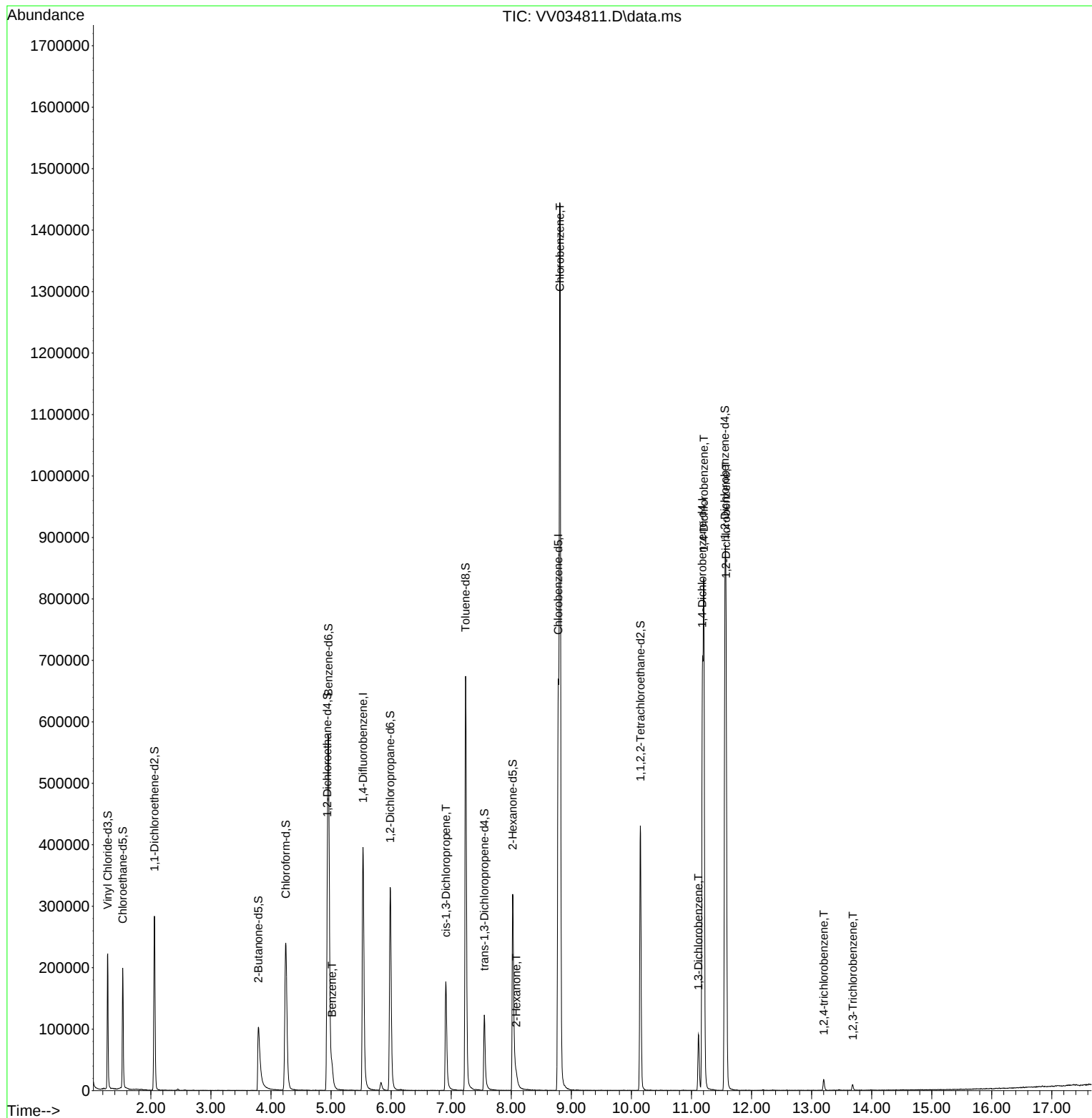
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	321366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	143759	49.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.060%
7) Chloroethane-d5	1.532	69	115629	50.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.240%
11) 1,1-Dichloroethene-d2	2.060	65	47501	35.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.640%
21) 2-Butanone-d5	3.789	46	187791	95.775	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.246	84	258922	49.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	4.937	65	175832	51.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.800%
32) Benzene-d6	4.957	84	505810	52.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.300%
36) 1,2-Dichloropropane-d6	5.986	67	155818	52.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	7.239	98	443706	50.553	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.100%
43) trans-1,3-Dichloroprop...	7.551	79	73201	49.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.500%
47) 2-Hexanone-d5	8.024	63	111778	75.625	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.630%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	201439	51.715	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.420%
66) 1,2-Dichlorobenzene-d4	11.558	152	172453	53.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.380%
Target Compounds						
					Qvalue	
33) Benzene	5.015	78	41111	4.121	ug/L	100
39) cis-1,3-Dichloropropene	6.912	75	5246	1.240	ug/L #	69
48) 2-Hexanone	8.085	43	17192	5.603	ug/L #	86
51) Chlorobenzene	8.812	112	732286	107.294	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	38195	7.363	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	302851	57.493	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	253559	48.782	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	5744	1.640	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	3329	0.975	ug/L	99

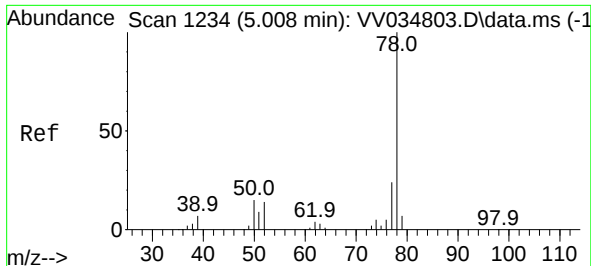
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:57:15 2024
Response via : Initial Calibration





#33

Benzene

Concen: 4.121 ug/L

RT: 5.015 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV034811.D

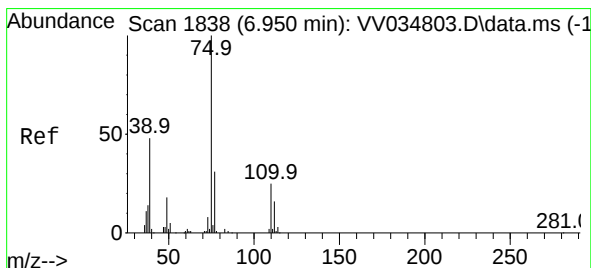
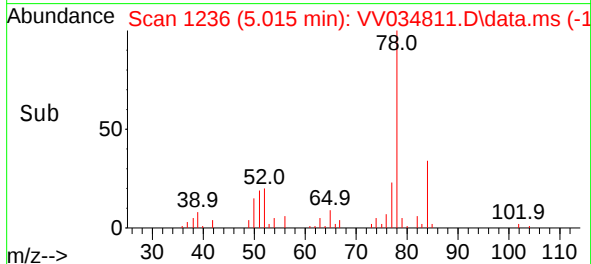
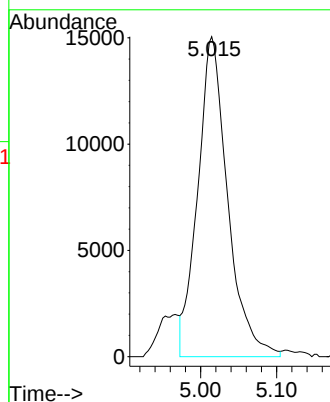
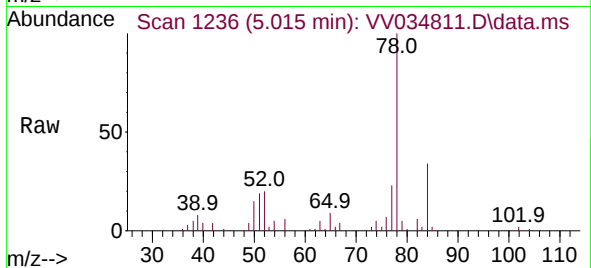
Acq: 22 Mar 2024 12:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 41111



#39

cis-1,3-Dichloropropene

Concen: 1.240 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV034811.D

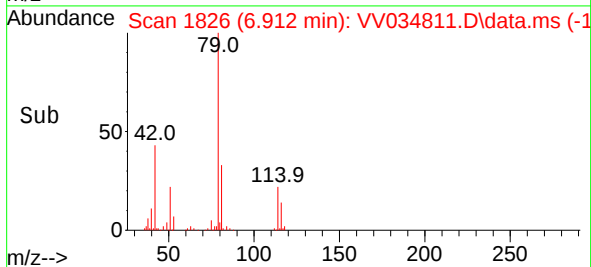
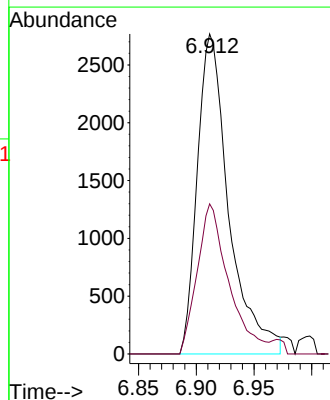
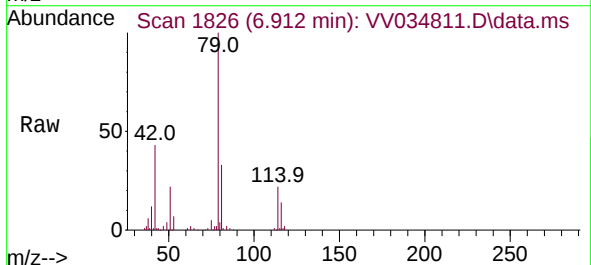
Acq: 22 Mar 2024 12:07

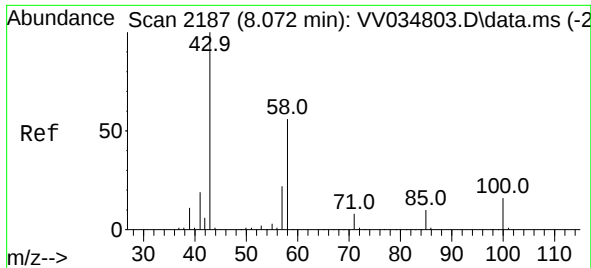
Tgt Ion: 75 Resp: 5246

Ion Ratio Lower Upper

75 100

77 46.9 20.9 38.9#

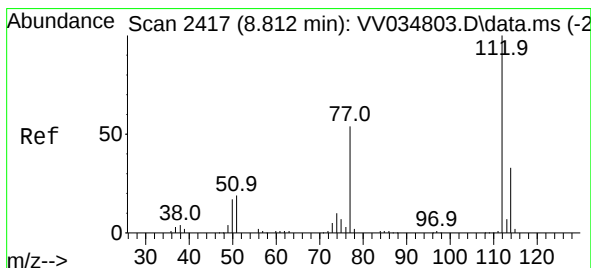
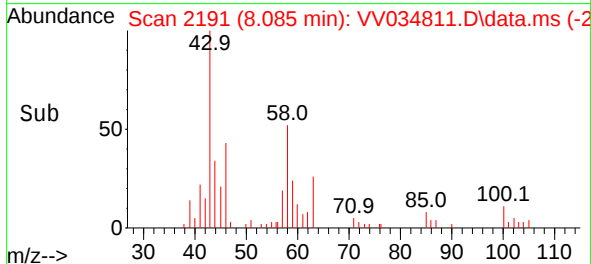
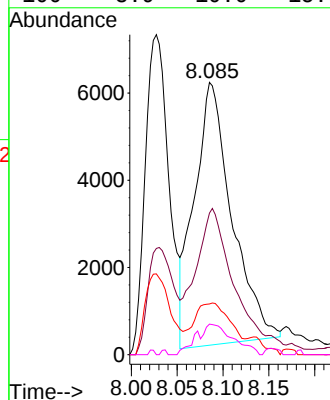
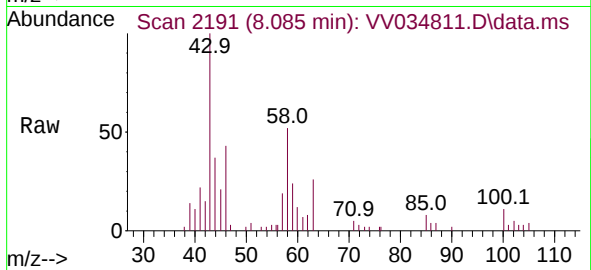




#48
2-Hexanone
Concen: 5.603 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034811.D
Acq: 22 Mar 2024 12:07

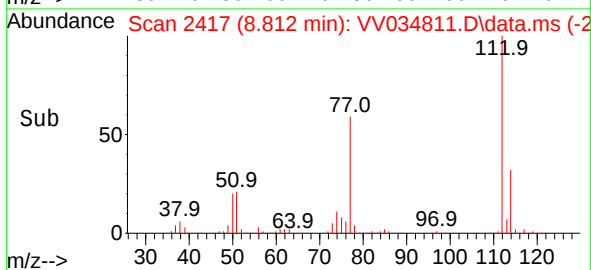
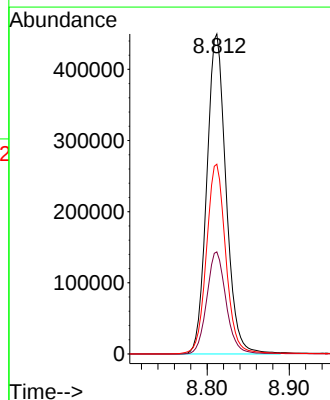
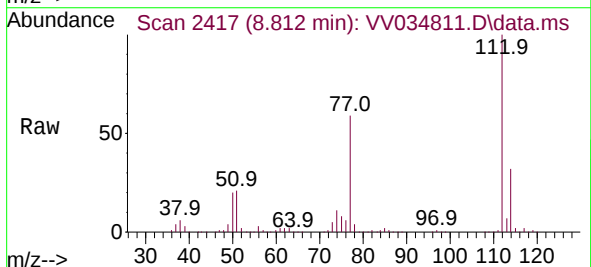
Instrument :
MSVOA_V
ClientSampleId :

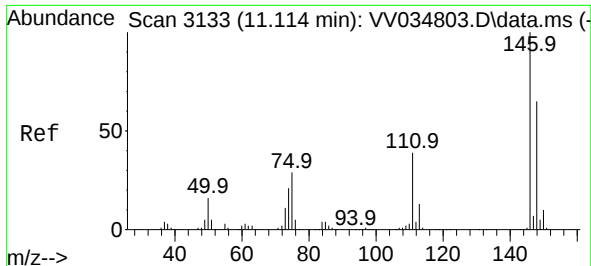
Tgt Ion: 43 Resp: 17192
Ion Ratio Lower Upper
43 100
58 41.8 42.0 63.0#
57 12.9 15.2 22.8#
100 8.9 10.0 15.0#



#51
Chlorobenzene
Concen: 107.294 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034811.D
Acq: 22 Mar 2024 12:07

Tgt Ion: 112 Resp: 732286
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.3 47.7 71.5





#64

1,3-Dichlorobenzene

Concen: 7.363 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034811.D

Acq: 22 Mar 2024 12:07

Instrument :

MSVOA_V

ClientSampleId :

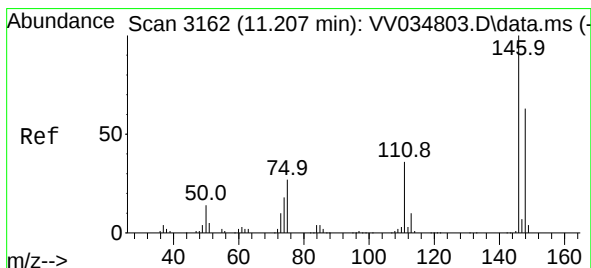
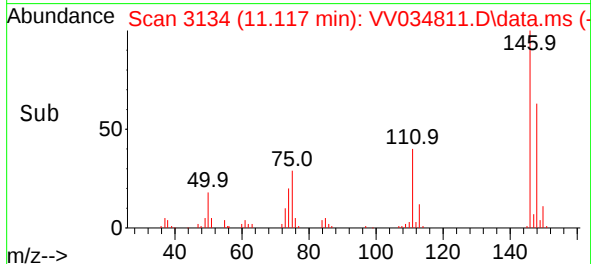
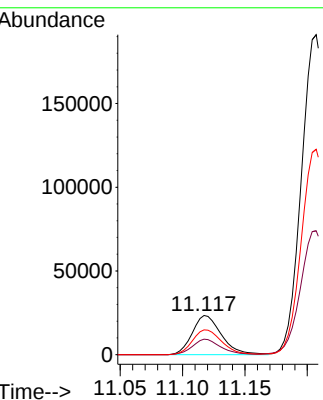
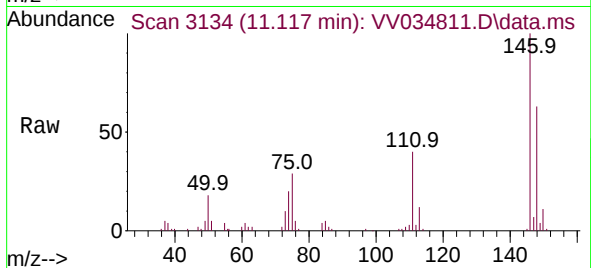
Tgt Ion:146 Resp: 38195

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 63.3 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 57.493 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034811.D

Acq: 22 Mar 2024 12:07

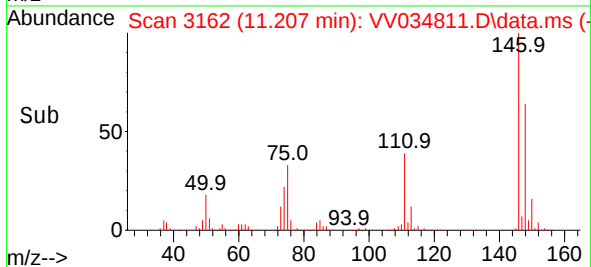
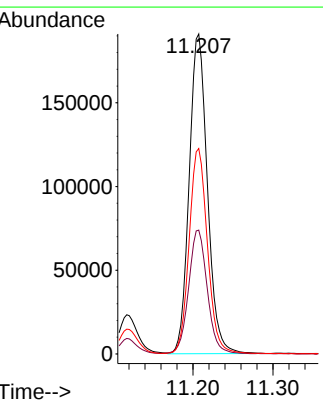
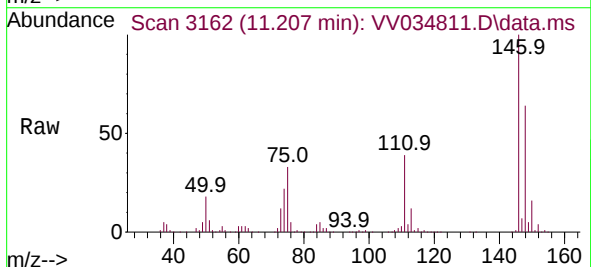
Tgt Ion:146 Resp: 302851

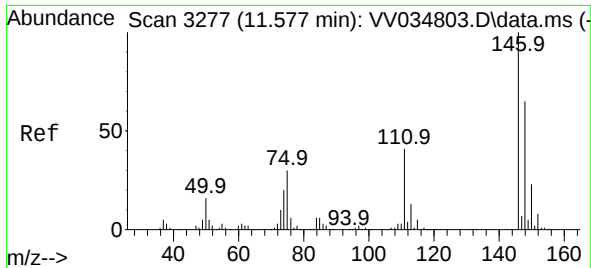
Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.1

148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 48.782 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034811.D

Acq: 22 Mar 2024 12:07

Instrument :

MSVOA_V

ClientSampleId :

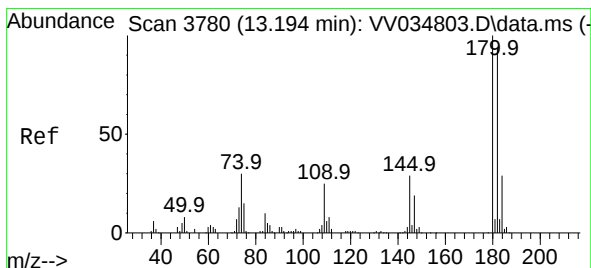
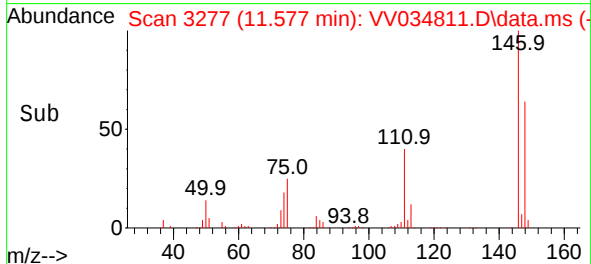
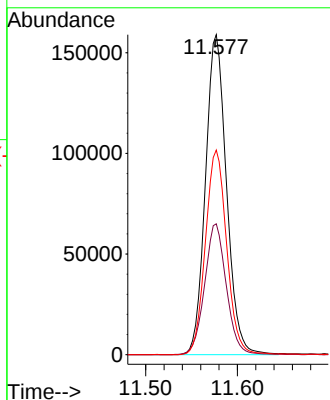
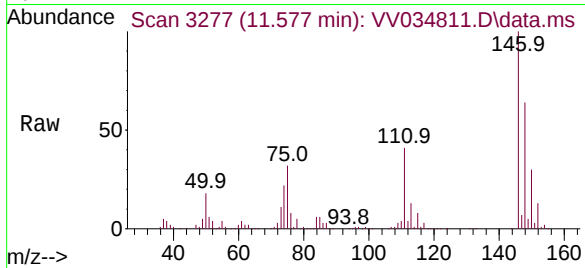
Tgt Ion:146 Resp: 253559

Ion Ratio Lower Upper

146 100

111 40.9 33.8 50.8

148 63.9 51.3 76.9



#70

1,2,4-trichlorobenzene

Concen: 1.640 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV034811.D

Acq: 22 Mar 2024 12:07

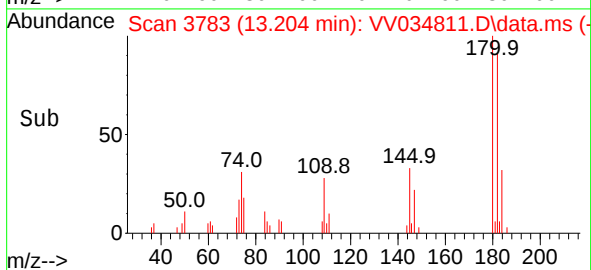
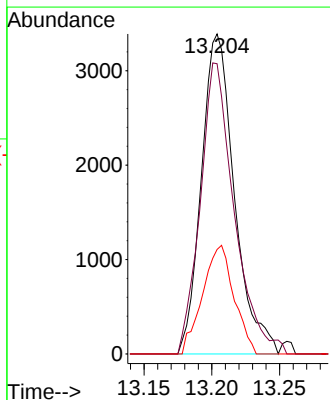
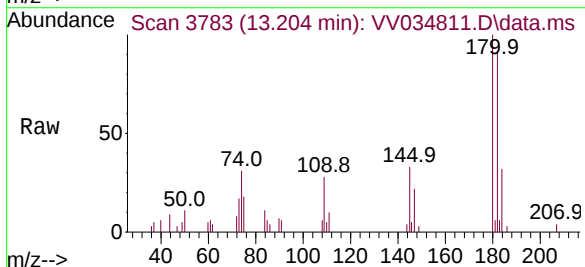
Tgt Ion:180 Resp: 5744

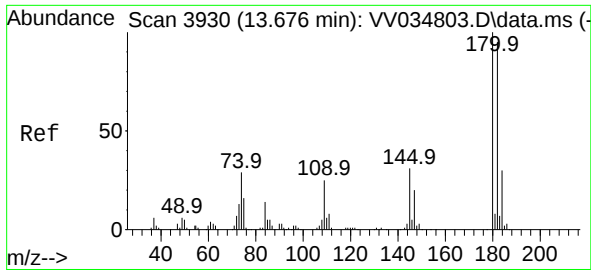
Ion Ratio Lower Upper

180 100

182 92.1 74.8 112.2

145 32.2 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 0.975 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

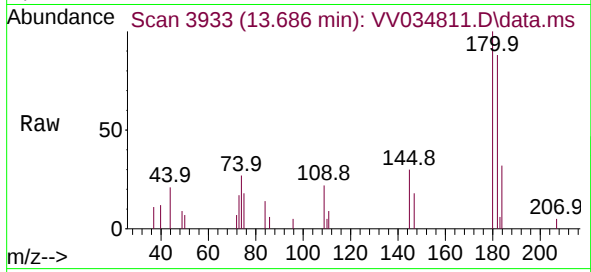
Lab File: VV034811.D

Acq: 22 Mar 2024 12:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3329

Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 31.2 25.5 38.3

