

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040824\
 Data File : VV035064.D
 Acq On : 08 Apr 2024 19:03
 Operator : SY/MD
 Sample : P2006-11DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 02:17:04 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)

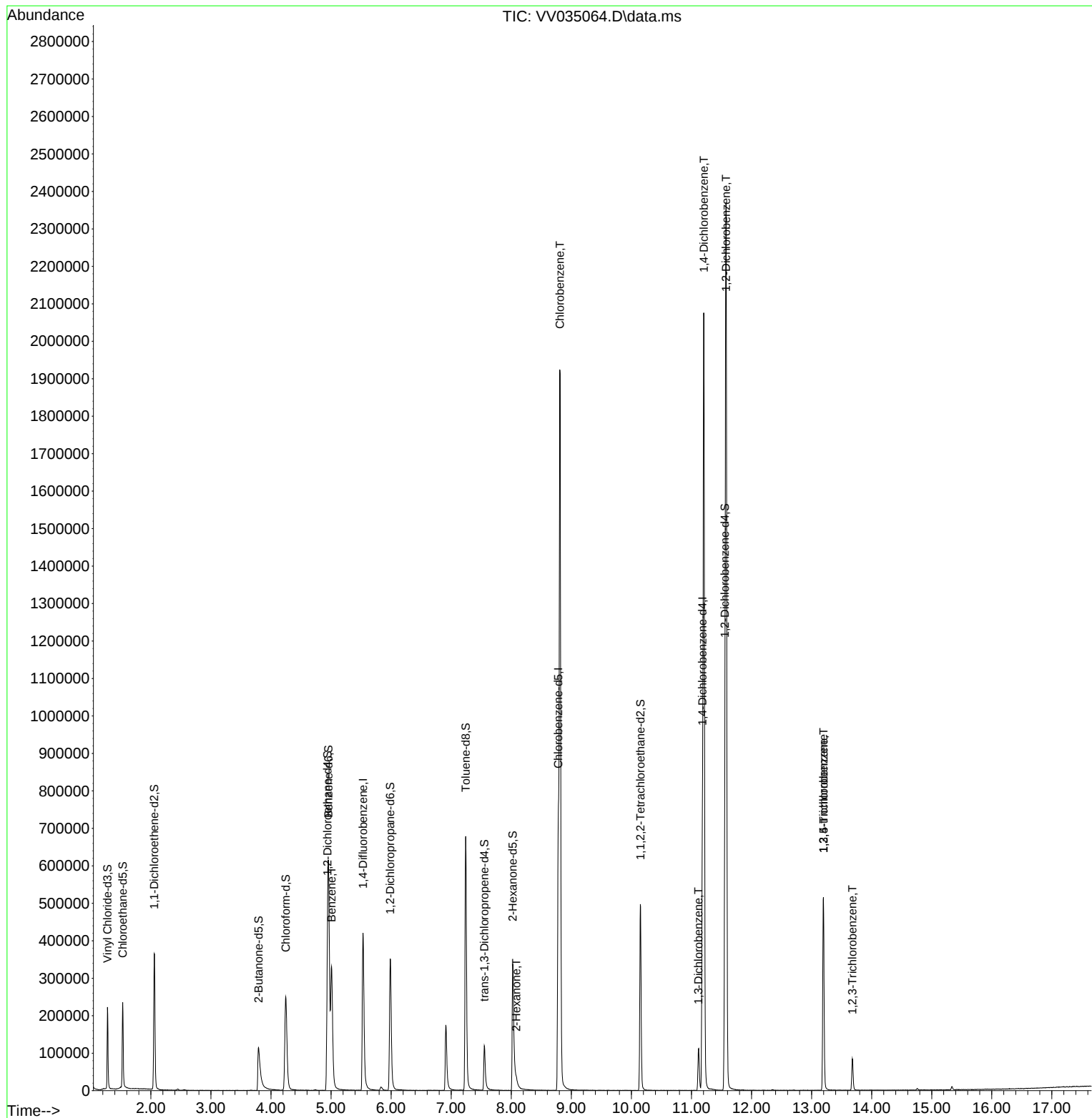
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	361637	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349915	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	140894	40.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.680%
7) Chloroethane-d5	1.532	69	141070	46.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.056	65	63855	41.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
21) 2-Butanone-d5	3.793	46	205249	99.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.090%
24) Chloroform-d	4.246	84	267239	45.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
26) 1,2-Dichloroethane-d4	4.941	65	176712	47.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	4.957	84	543943	46.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	5.986	67	179677	48.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.243	98	455795	43.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	7.551	79	73807	40.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.360%
47) 2-Hexanone-d5	8.024	63	118410	83.910	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.910%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	240361	46.765	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	176040	48.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	350149	30.687	ug/L	100
48) 2-Hexanone	8.085	43	18136	5.297	ug/L #	87
51) Chlorobenzene	8.812	112	995581	128.590	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	45326	8.280	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	784410	140.912	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	859915	157.694	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	154713	39.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	154713	42.693	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	25687	7.191	ug/L	97

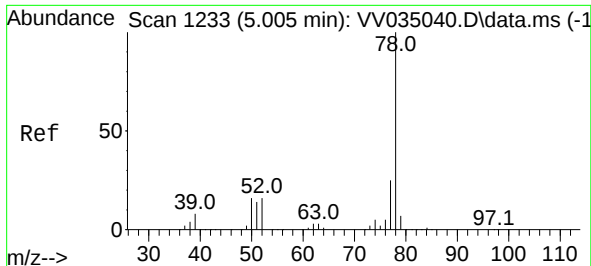
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#33

Benzene

Concen: 30.687 ug/L

RT: 5.008 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VV035064.D

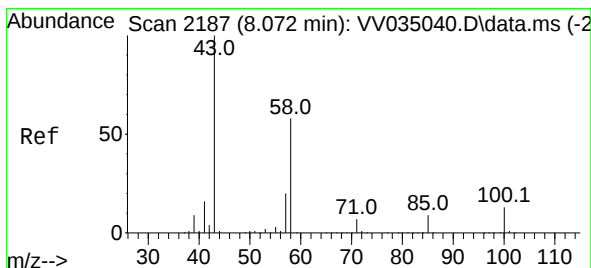
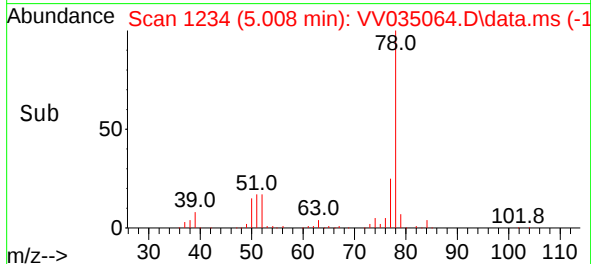
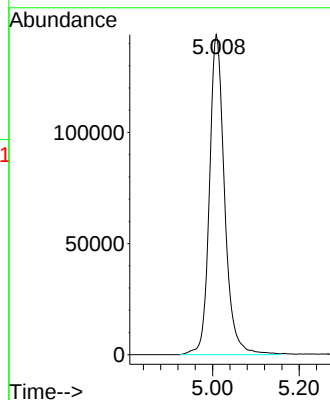
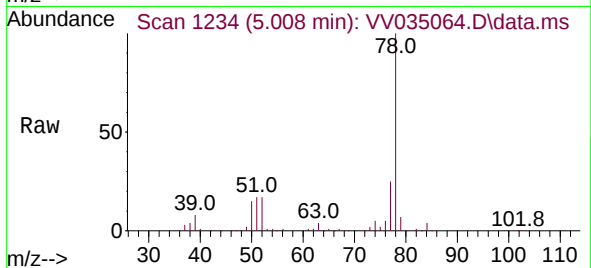
Acq: 08 Apr 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 350149



#48

2-Hexanone

Concen: 5.297 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VV035064.D

Acq: 08 Apr 2024 19:03

Tgt Ion: 43 Resp: 18136

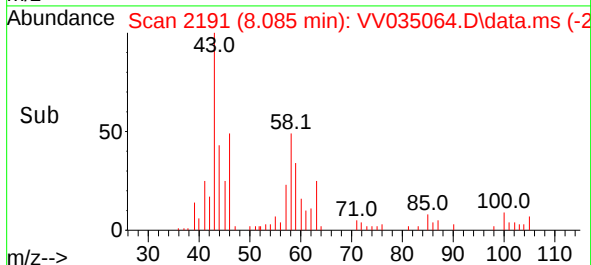
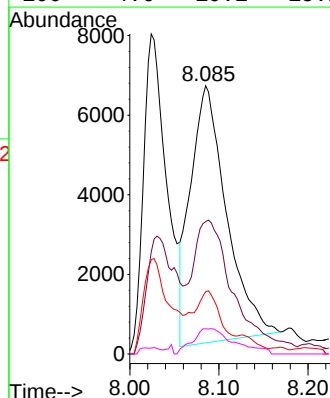
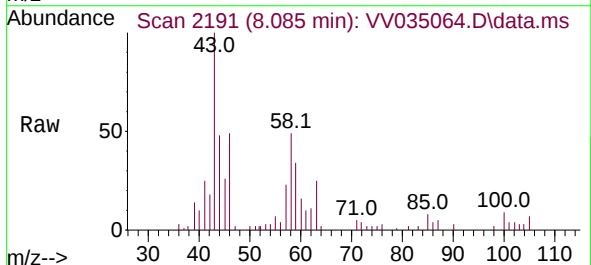
Ion Ratio Lower Upper

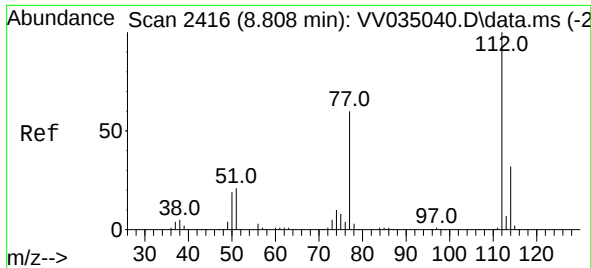
43 100

58 50.2 45.4 68.2

57 10.4 16.2 24.4#

100 4.6 10.1 15.1#

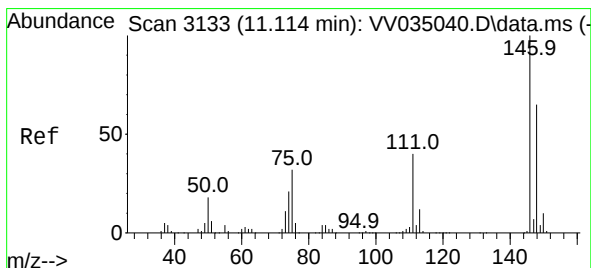
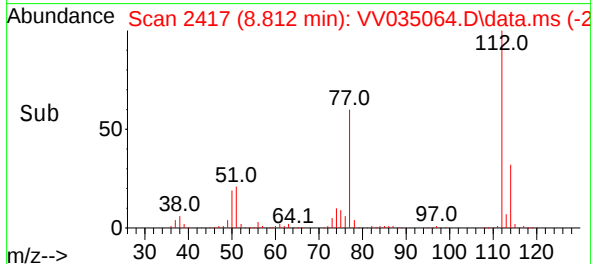
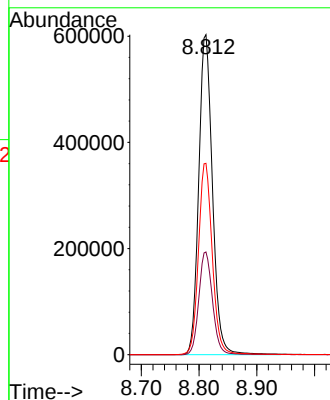
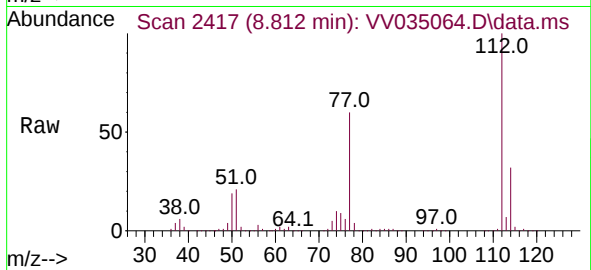




#51
Chlorobenzene
Concen: 128.590 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035064.D
Acq: 08 Apr 2024 19:03

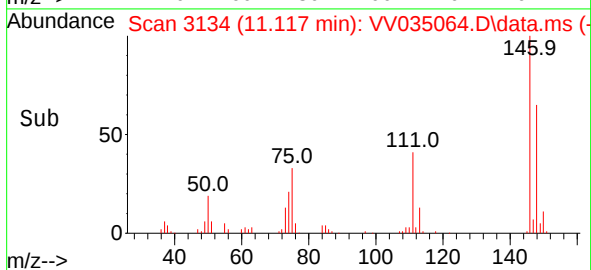
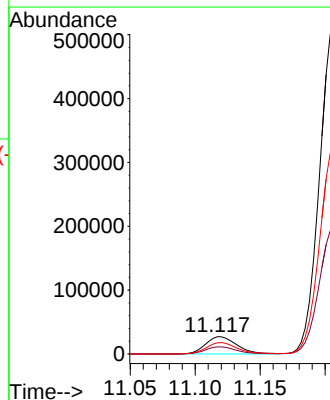
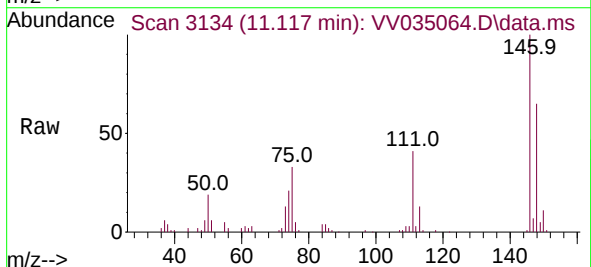
Instrument :
MSVOA_V
ClientSampleId :

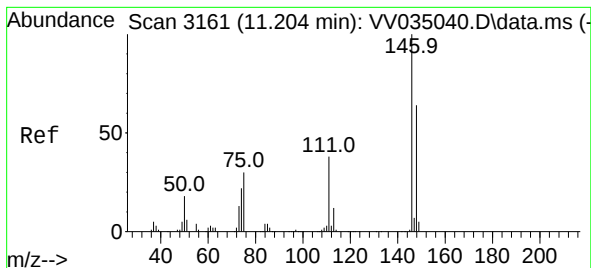
Tgt Ion:112 Resp: 995581
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 59.8 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 8.280 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035064.D
Acq: 08 Apr 2024 19:03

Tgt Ion:146 Resp: 45326
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 65.1 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 140.912 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035064.D

Acq: 08 Apr 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

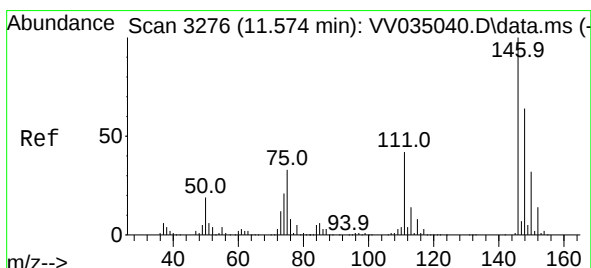
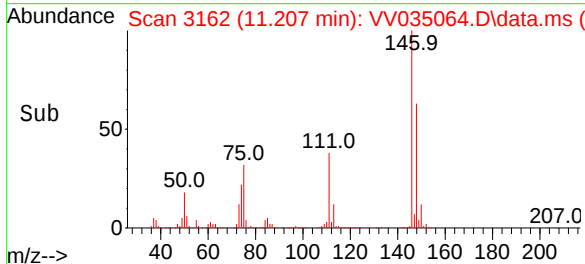
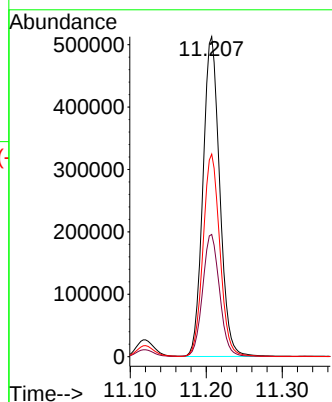
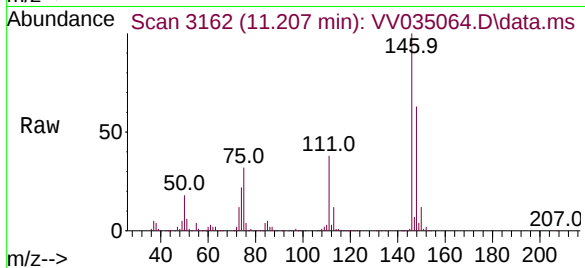
Tgt Ion:146 Resp: 784410

Ion Ratio Lower Upper

146 100

111 38.2 27.4 50.8

148 63.3 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 157.694 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035064.D

Acq: 08 Apr 2024 19:03

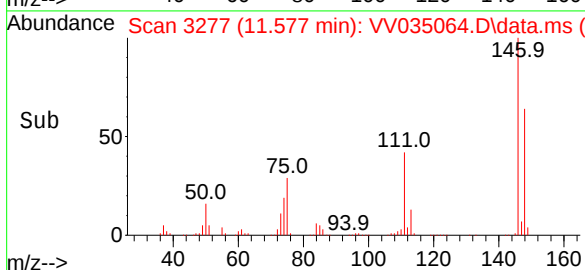
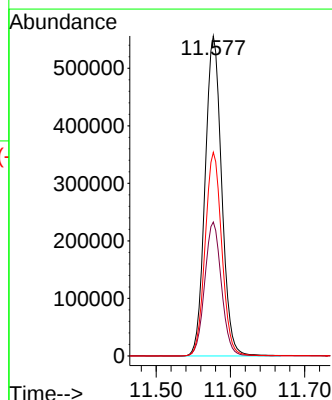
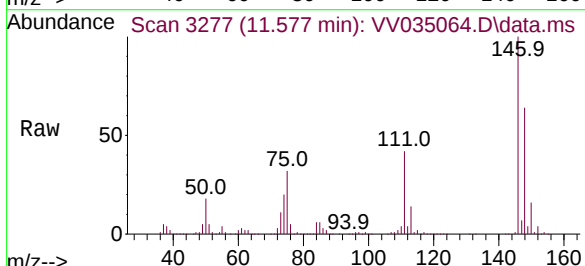
Tgt Ion:146 Resp: 859915

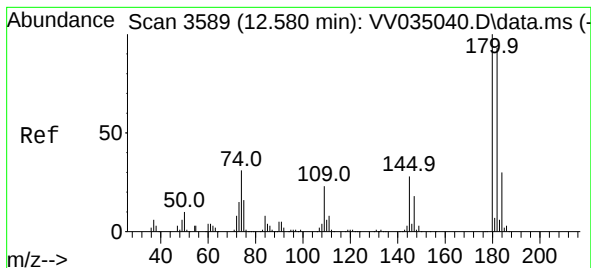
Ion Ratio Lower Upper

146 100

111 41.9 34.6 52.0

148 63.6 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 39.216 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035064.D

Acq: 08 Apr 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 154713

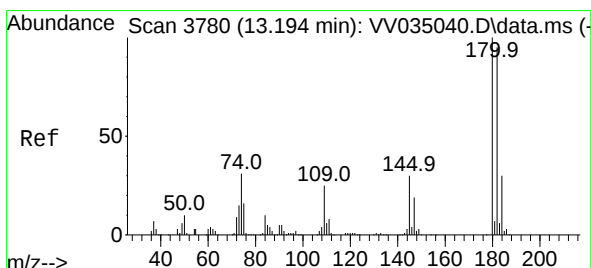
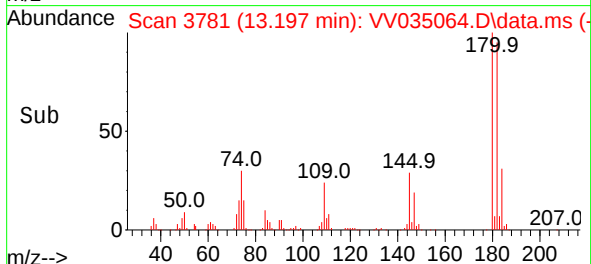
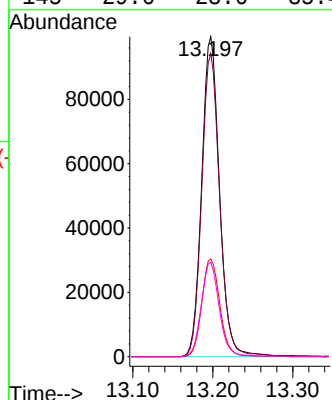
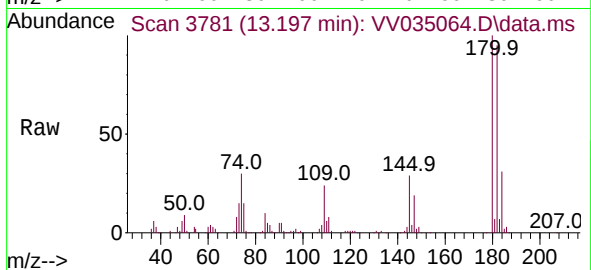
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

184 30.9 24.0 36.0

145 29.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 42.693 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035064.D

Acq: 08 Apr 2024 19:03

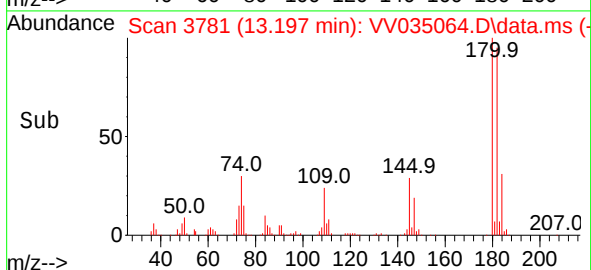
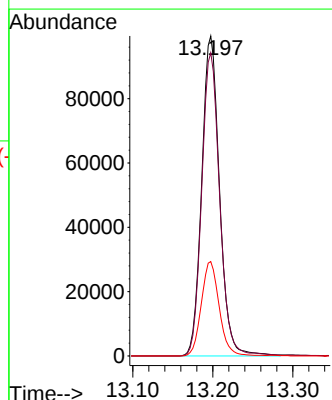
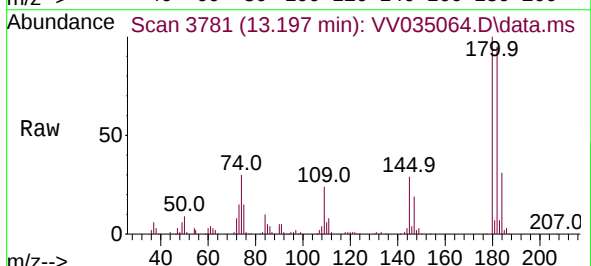
Tgt Ion:180 Resp: 154713

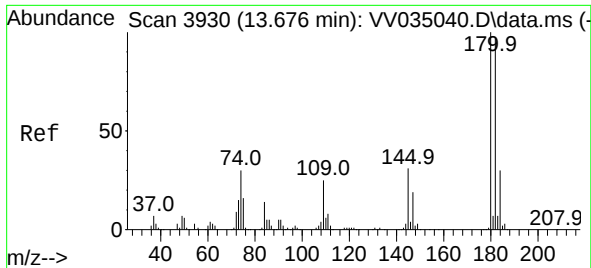
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

145 29.6 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 7.191 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

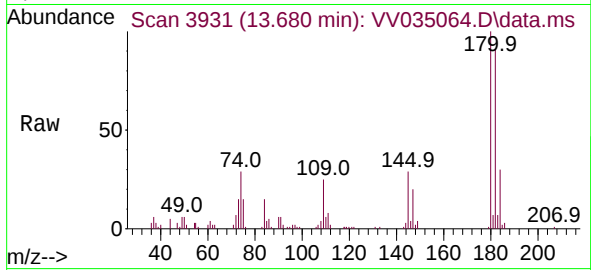
Lab File: VV035064.D

Acq: 08 Apr 2024 19:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 25687

Ion Ratio Lower Upper

180 100

182 92.7 76.2 114.2

145 29.9 25.8 38.6

