

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035314.D
 Acq On : 19 Apr 2024 17:37
 Operator : SY/MD
 Sample : P2157-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:33:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

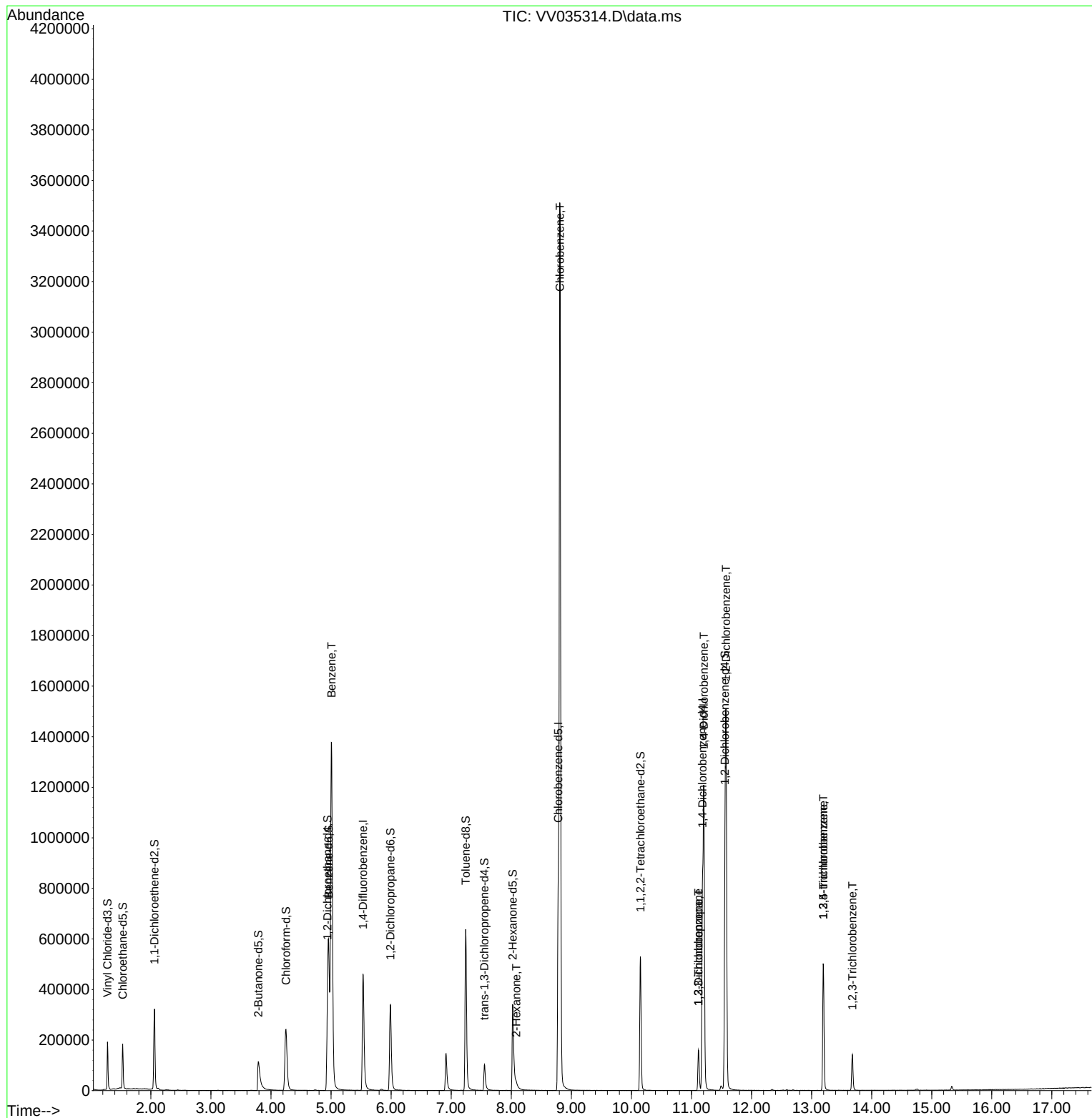
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	409496	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	407436	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	195372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	123643	31.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.520%
7) Chloroethane-d5	1.532	69	111920	32.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.160%#
11) 1,1-Dichloroethene-d2	2.060	65	55536	32.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.080%
21) 2-Butanone-d5	3.789	46	194438	82.900	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.900%
24) Chloroform-d	4.249	84	269502	40.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.060%
26) 1,2-Dichloroethane-d4	4.941	65	175566	41.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.180%
32) Benzene-d6	4.960	84	527709	38.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.120%
36) 1,2-Dichloropropane-d6	5.989	67	176682	40.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.300%
41) Toluene-d8	7.243	98	441363	35.809	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.620%#
43) trans-1,3-Dichloroprop...	7.555	79	66272	31.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.740%
47) 2-Hexanone-d5	8.024	63	116692	71.018	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	258419	43.180	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	193281	44.062	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.120%
Target Compounds						Qvalue
33) Benzene	5.008	78	1449467	109.098	ug/L	100
48) 2-Hexanone	8.085	43	17123	4.295	ug/L	92
51) Chlorobenzene	8.812	112	1831339	203.143	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	18897	4.464	ug/L #	52
64) 1,3-Dichlorobenzene	11.117	146	67866	10.311	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	456225	68.160	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	542990	82.812	ug/L	97
69) 1,3,5-Trichlorobenzene	13.194	180	155834	32.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	155834	35.763	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	44838	10.439	ug/L	99

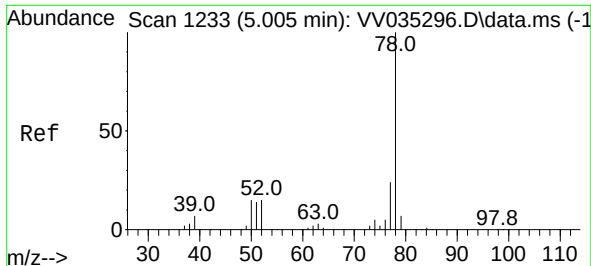
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 19 22:28:16 2024
Response via : Initial Calibration





#33

Benzene

Concen: 109.098 ug/L

RT: 5.008 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035314.D

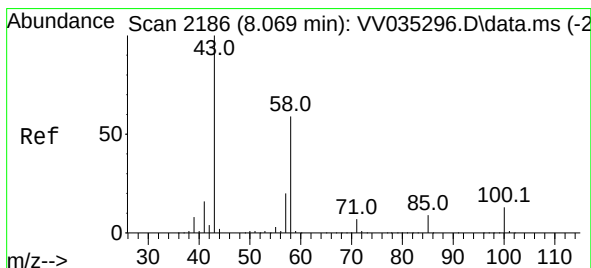
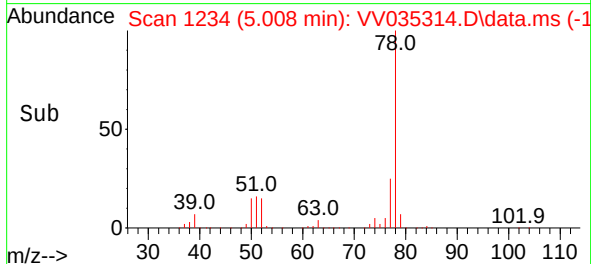
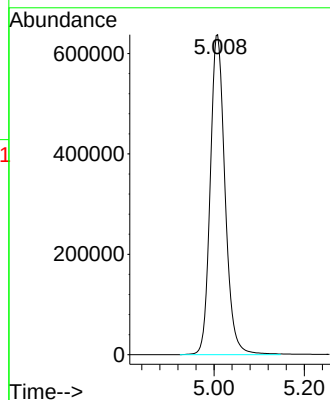
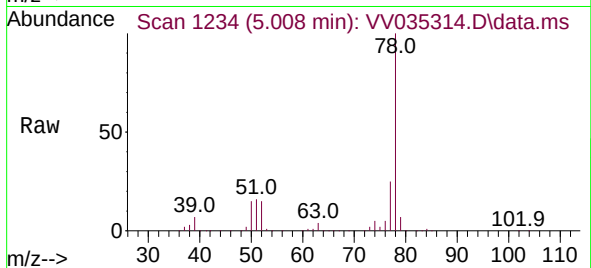
Acq: 19 Apr 2024 17:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 1449467



#48

2-Hexanone

Concen: 4.295 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.016 min

Lab File: VV035314.D

Acq: 19 Apr 2024 17:37

Tgt Ion: 43 Resp: 17123

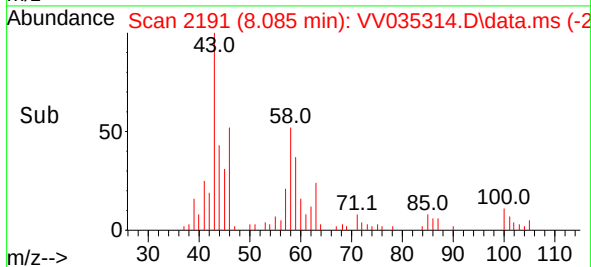
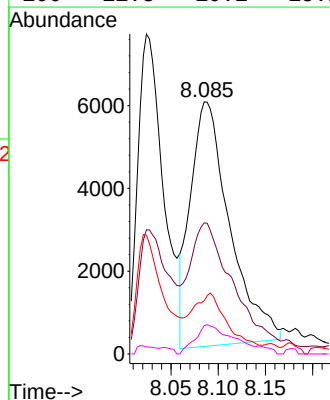
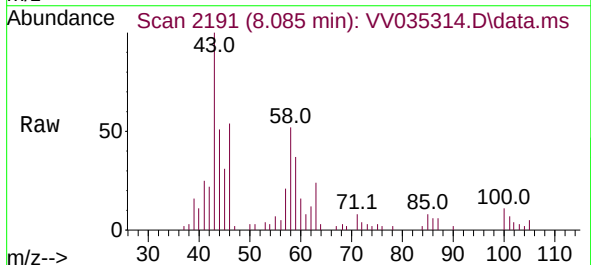
Ion Ratio Lower Upper

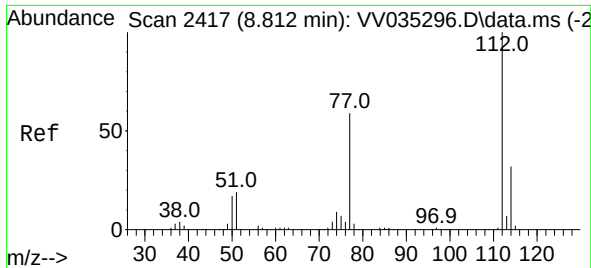
43 100

58 49.8 45.4 68.2

57 17.2 16.2 24.4

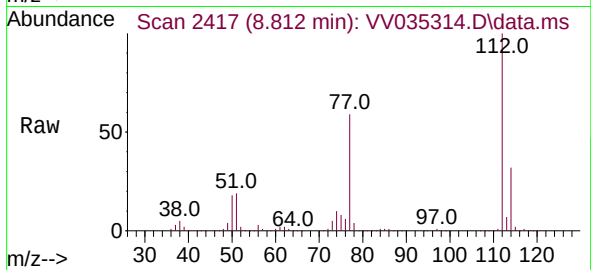
100 11.3 10.1 15.1



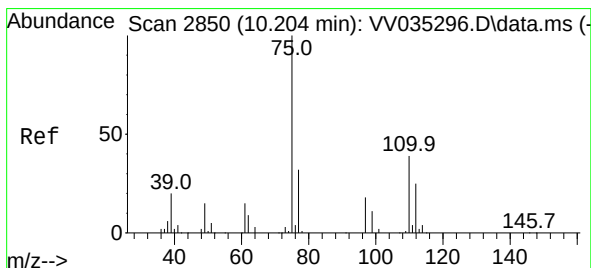
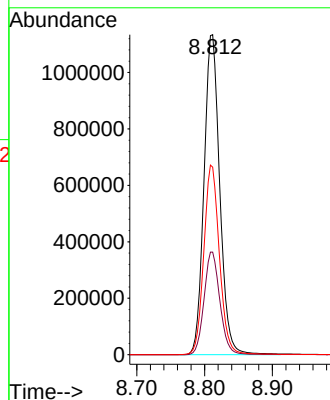
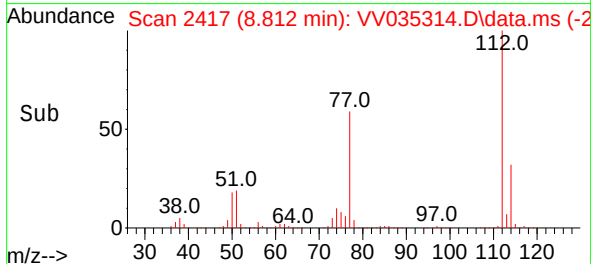


#51
Chlorobenzene
Concen: 203.143 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035314.D
Acq: 19 Apr 2024 17:37

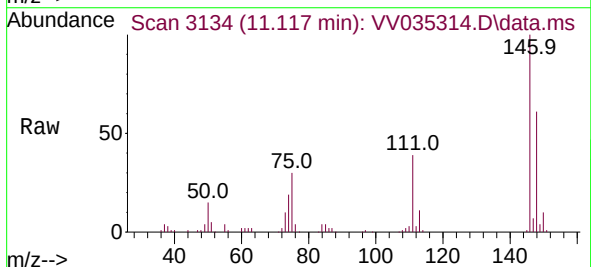
Instrument :
MSVOA_V
ClientSampleId :



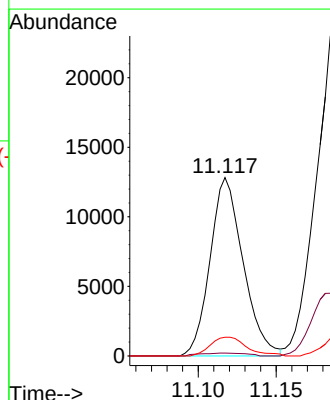
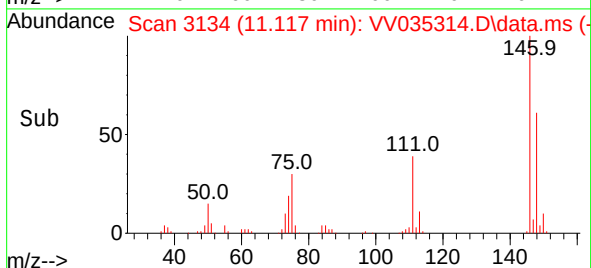
Tgt Ion:112 Resp: 1831339
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 58.6 47.4 71.2

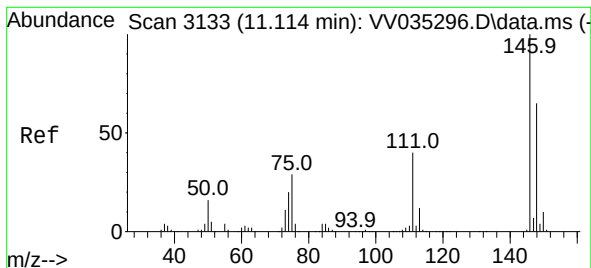


#61
1,2,3-Trichloropropane
Concen: 4.464 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.913 min
Lab File: VV035314.D
Acq: 19 Apr 2024 17:37



Tgt Ion: 75 Resp: 18897
Ion Ratio Lower Upper
75 100
77 2.3 26.0 39.0#
110 11.6 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 10.311 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

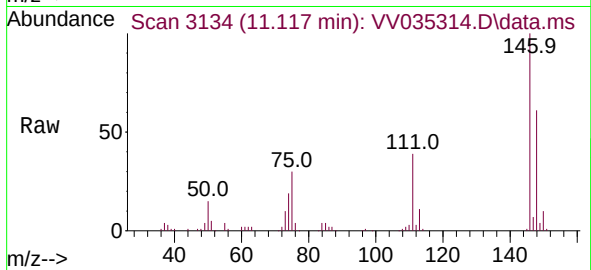
Lab File: VV035314.D

Acq: 19 Apr 2024 17:37

Instrument :

MSVOA_V

ClientSampleId :



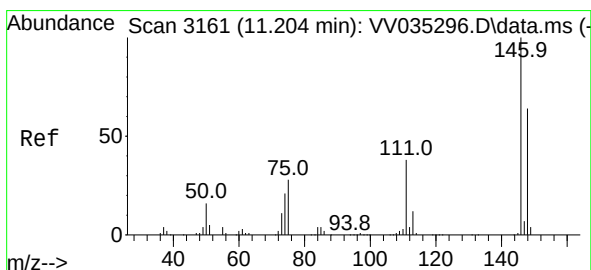
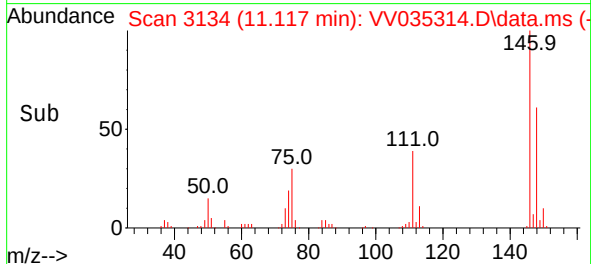
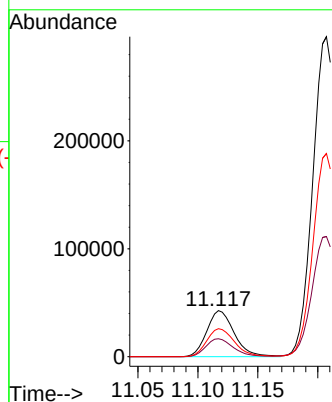
Tgt Ion:146 Resp: 67866

Ion Ratio Lower Upper

146 100

111 39.0 28.7 53.3

148 60.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 68.160 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035314.D

Acq: 19 Apr 2024 17:37

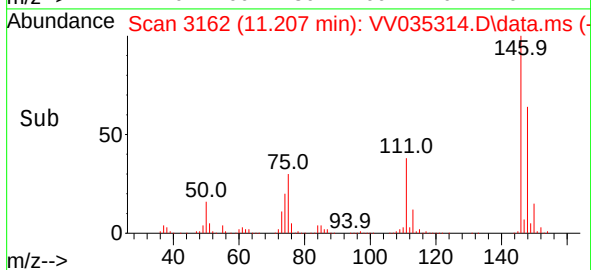
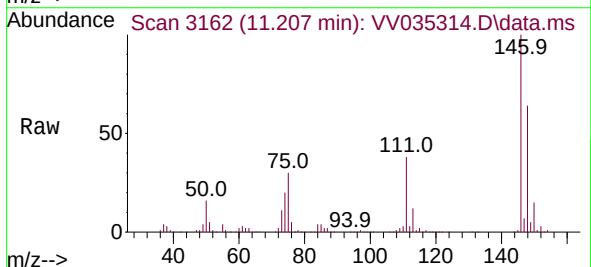
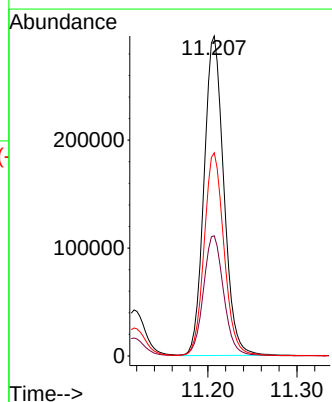
Tgt Ion:146 Resp: 456225

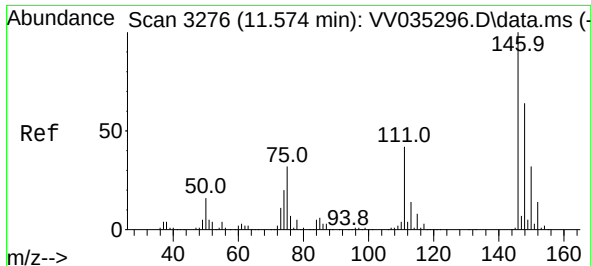
Ion Ratio Lower Upper

146 100

111 37.6 27.4 50.8

148 63.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 82.812 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035314.D

Acq: 19 Apr 2024 17:37

Instrument :

MSVOA_V

ClientSampleId :

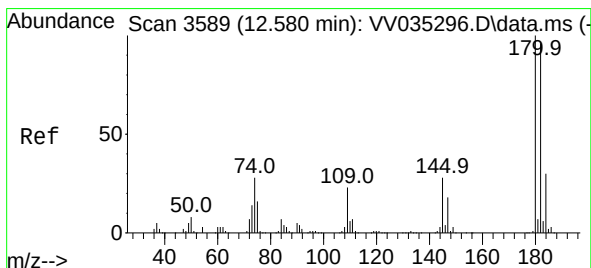
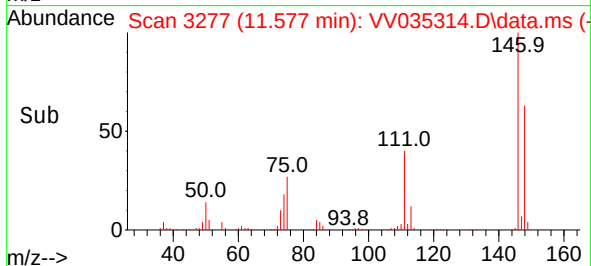
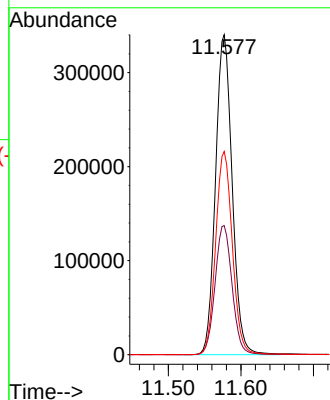
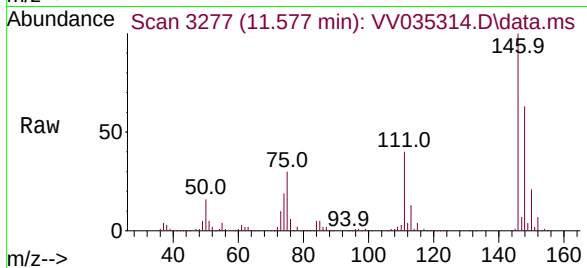
Tgt Ion:146 Resp: 542990

Ion Ratio Lower Upper

146 100

111 40.4 34.6 52.0

148 63.5 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 32.851 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.614 min

Lab File: VV035314.D

Acq: 19 Apr 2024 17:37

Tgt Ion:180 Resp: 155834

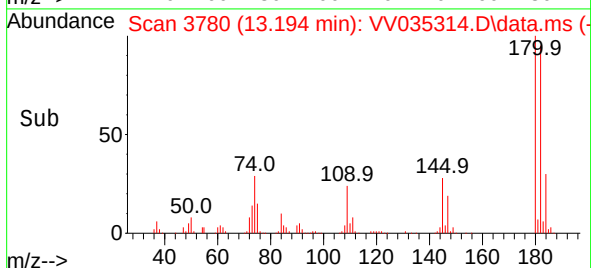
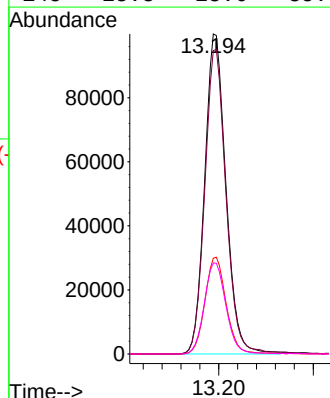
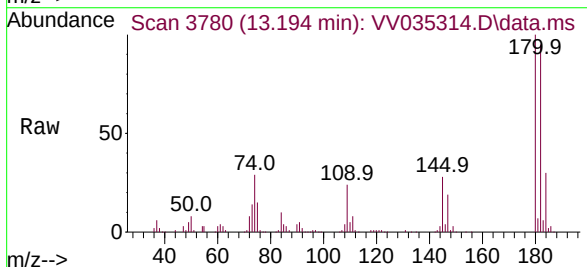
Ion Ratio Lower Upper

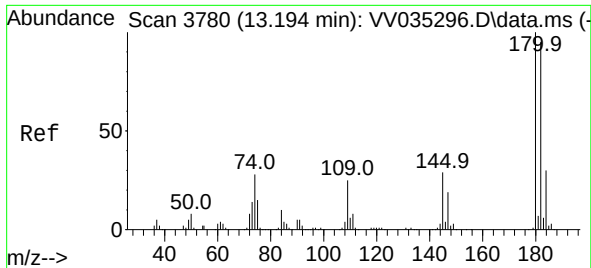
180 100

182 94.8 74.7 112.1

184 30.2 24.0 36.0

145 28.8 23.6 35.4

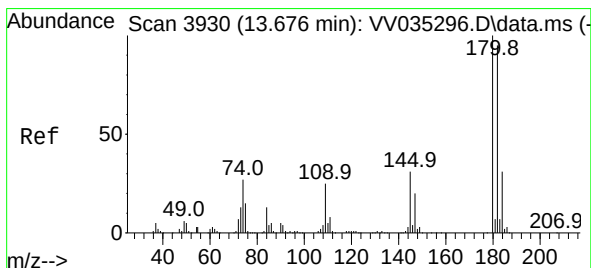
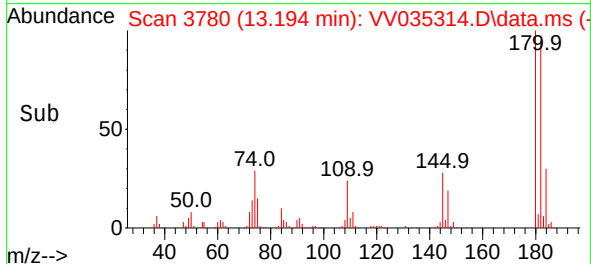
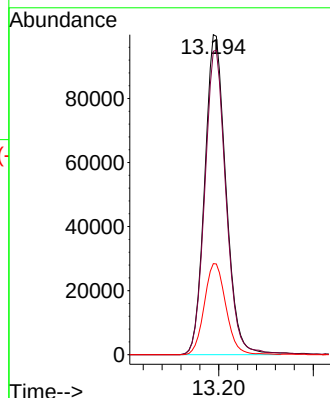
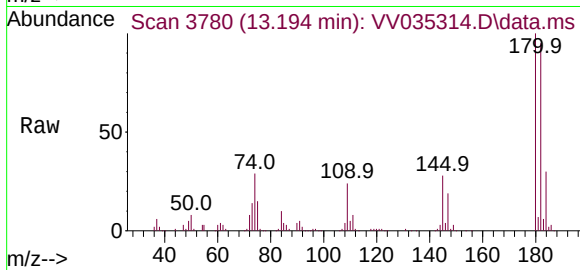




#70
1,2,4-trichlorobenzene
Concen: 35.763 ug/L
RT: 13.194 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035314.D
Acq: 19 Apr 2024 17:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 155834
Ion Ratio Lower Upper
180 100
182 94.8 75.6 113.4
145 28.8 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 10.439 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035314.D
Acq: 19 Apr 2024 17:37

Tgt Ion:180 Resp: 44838
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 31.8 25.8 38.6

