

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035326.D
 Acq On : 22 Apr 2024 12:35
 Operator : SY/MD
 Sample : P2182-12 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

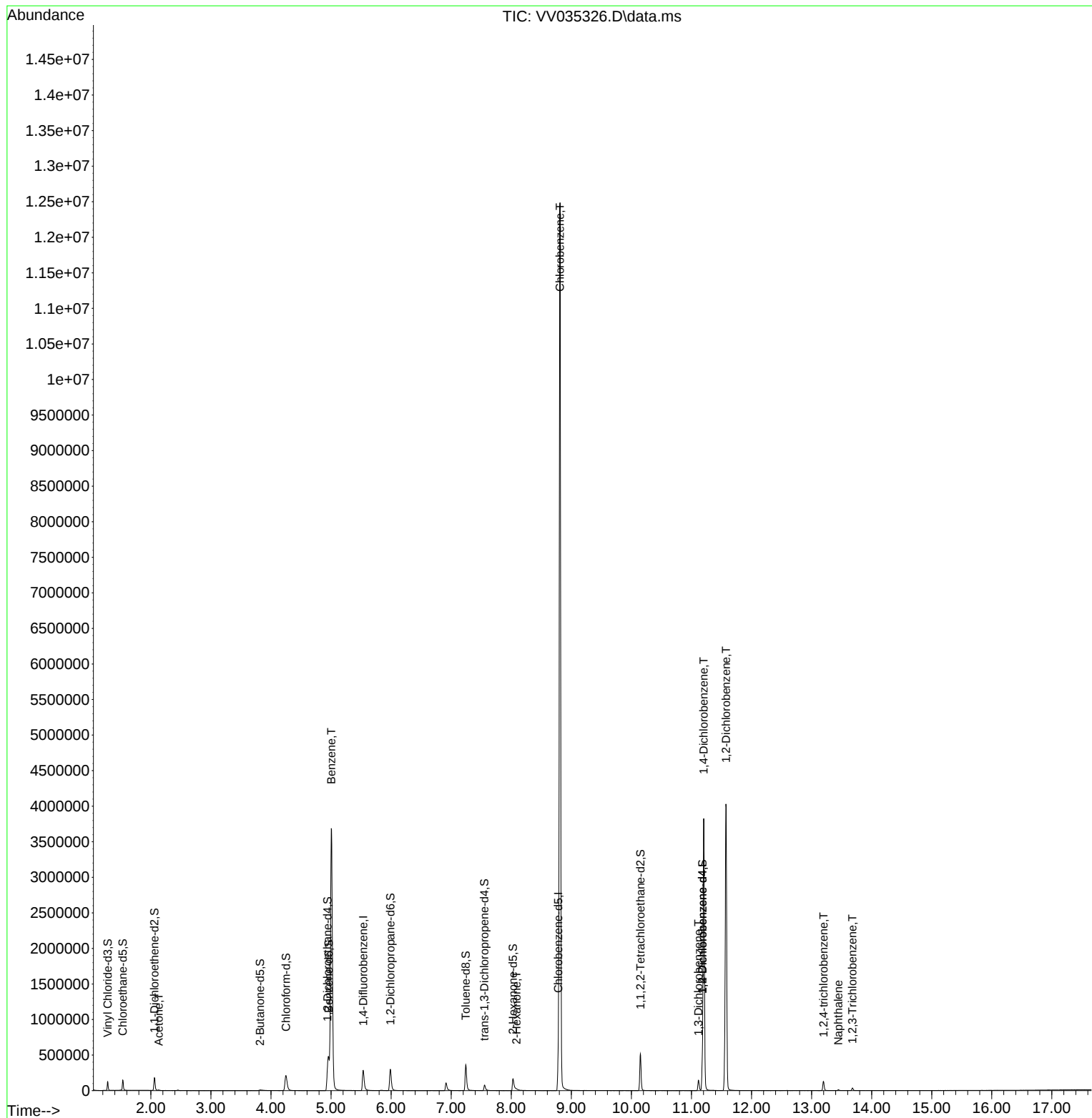
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	259017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	81556	32.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.200%		
7) Chloroethane-d5	1.532	69	92602	42.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.240%		
11) 1,1-Dichloroethene-d2	2.060	65	30624	27.928	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.860%#		
21) 2-Butanone-d5	3.818	46	45	0.030	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	0.030%#		
24) Chloroform-d	4.249	84	231981	55.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.320%		
26) 1,2-Dichloroethane-d4	4.940	65	169773	63.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	127.160%#		
32) Benzene-d6	4.960	84	385142	48.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
36) 1,2-Dichloropropane-d6	5.989	67	154226	61.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	123.460%#		
41) Toluene-d8	7.243	98	253532	35.779	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.560%#		
43) trans-1,3-Dichloroprop...	7.555	79	50398	41.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.980%		
47) 2-Hexanone-d5	8.027	63	58593	62.026	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	62.030%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	253815	73.769	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	147.540%#		
66) 1,2-Dichlorobenzene-d4	11.185	152	94322	42.965	ug/L	-0.37
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.920%		
Target Compounds						Qvalue
13) Acetone	2.130	43	6152	4.517	ug/L	100
33) Benzene	5.005	78	3782014	495.144	ug/L	100
48) 2-Hexanone	8.088	43	11193	4.883	ug/L #	88
51) Chlorobenzene	8.812	112	6384192	1231.800	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	61110	18.551	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	1475390	440.430	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1559307	475.176	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	41876	19.202	ug/L	97
71) Naphthalene	13.445	128	10682	1.766	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	11408	5.307	ug/L	98

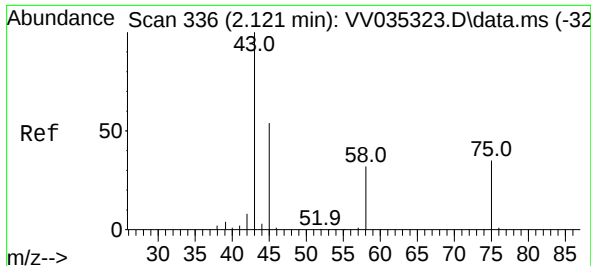
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.517 ug/L

RT: 2.130 min Scan# 336

Delta R.T. 0.009 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

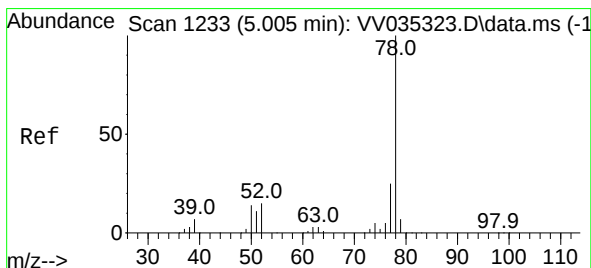
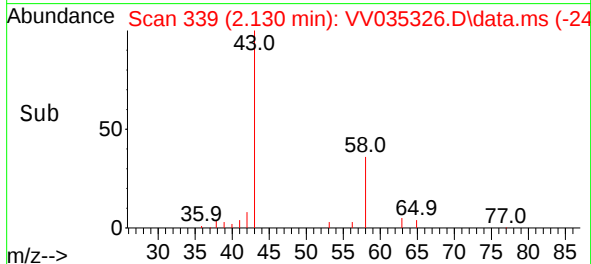
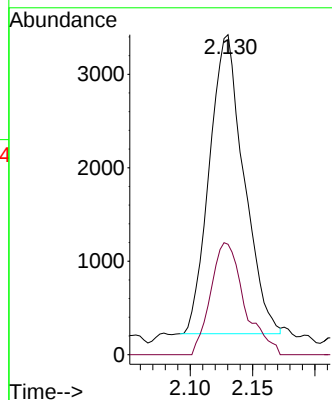
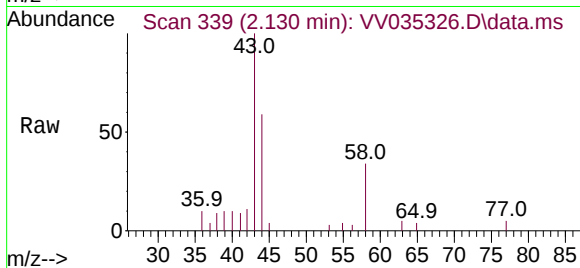
ClientSampleId :

Tgt Ion: 43 Resp: 6152

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0



#33

Benzene

Concen: 495.144 ug/L

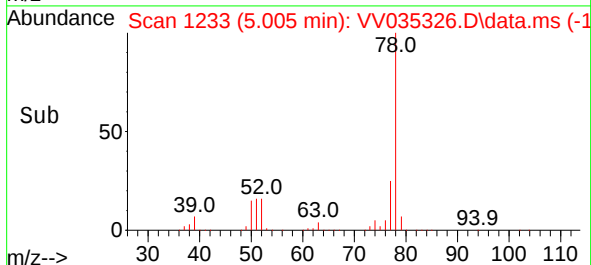
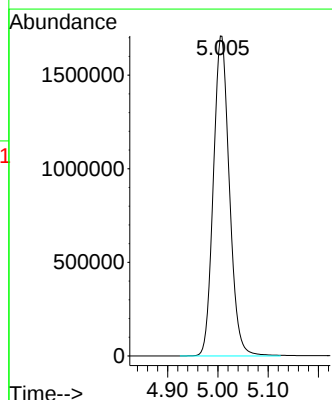
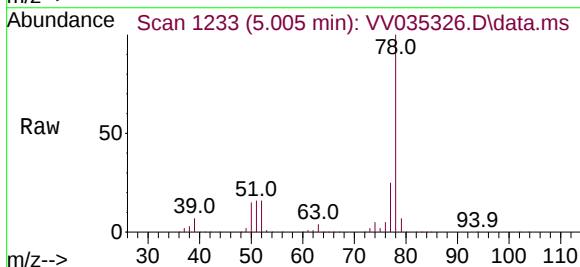
RT: 5.005 min Scan# 1233

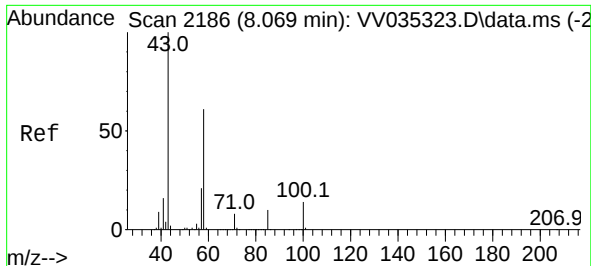
Delta R.T. -0.000 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Tgt Ion: 78 Resp: 3782014





#48

2-Hexanone

Concen: 4.883 ug/L

RT: 8.088 min Scan# 2186

Delta R.T. 0.019 min

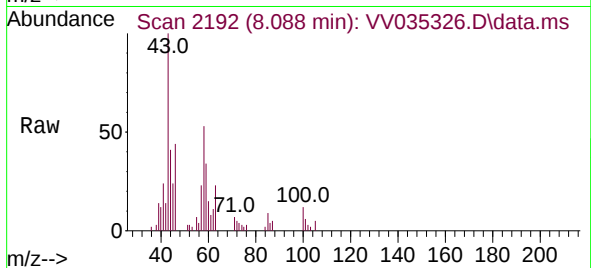
Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 11193

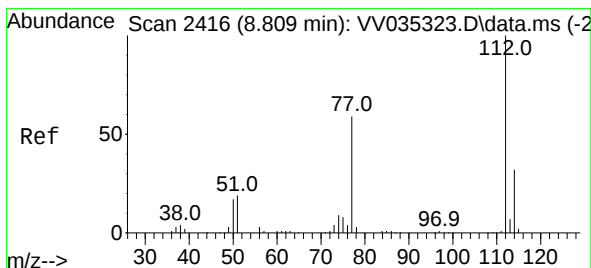
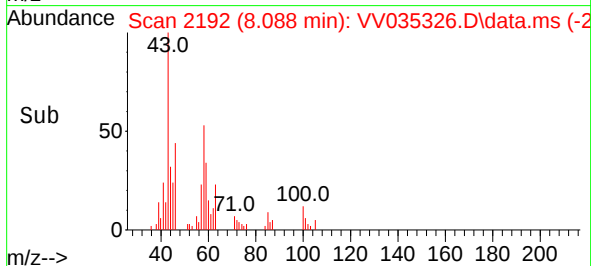
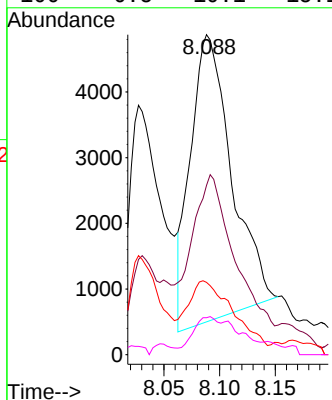
Ion Ratio Lower Upper

43 100

58 49.3 45.4 68.2

57 26.3 16.2 24.4#

100 6.5 10.1 15.1#



#51

Chlorobenzene

Concen: 1231.800 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

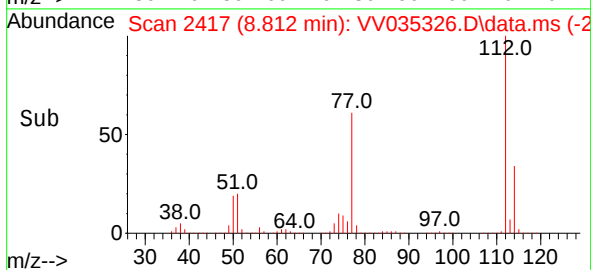
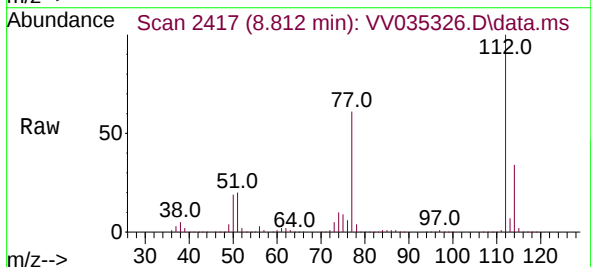
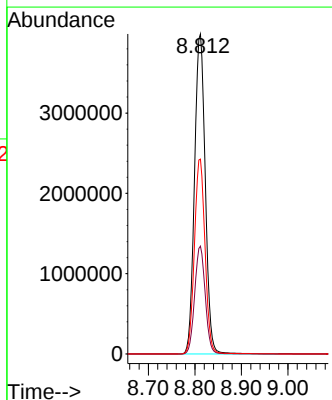
Tgt Ion: 112 Resp: 6384192

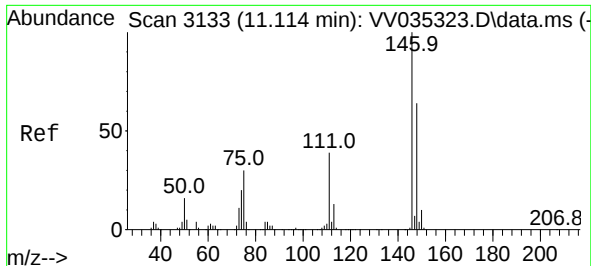
Ion Ratio Lower Upper

112 100

114 33.7 22.0 41.0

77 60.9 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 18.551 ug/L

RT: 11.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

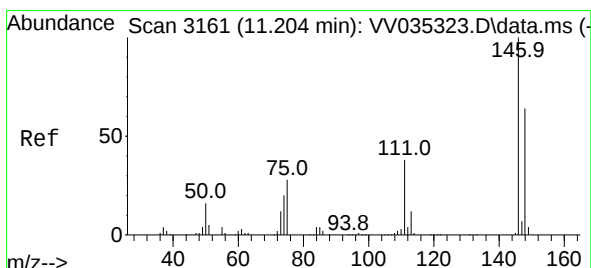
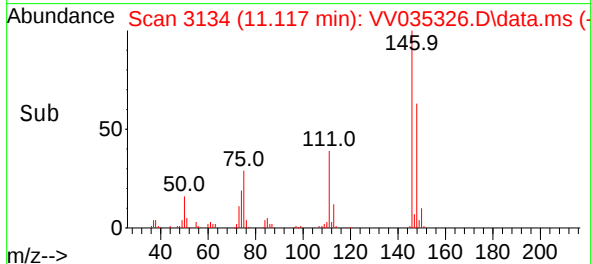
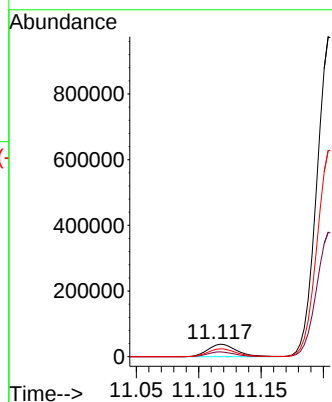
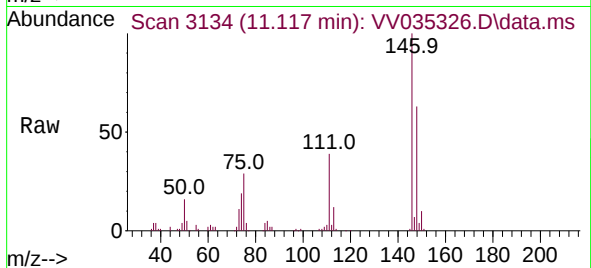
Tgt Ion:146 Resp: 61110

Ion Ratio Lower Upper

146 100

111 38.8 28.7 53.3

148 63.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 440.430 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

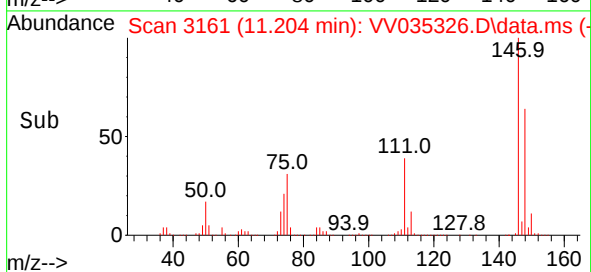
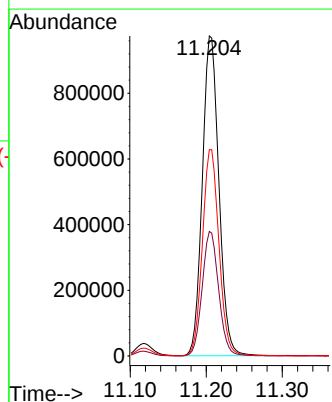
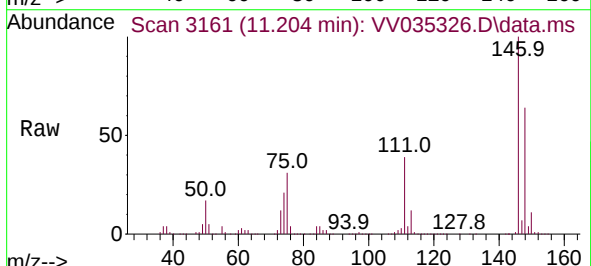
Tgt Ion:146 Resp: 1475390

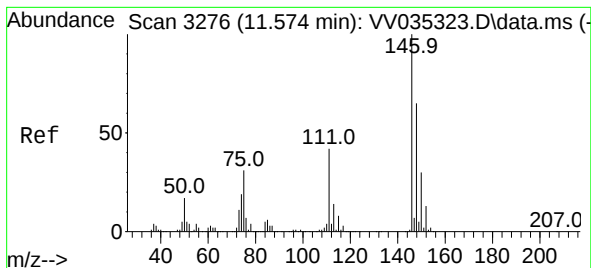
Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 475.176 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

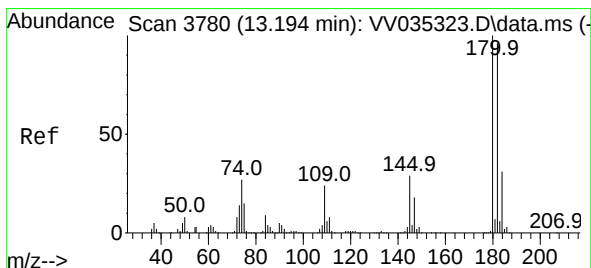
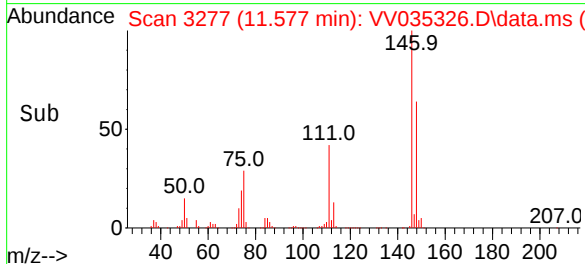
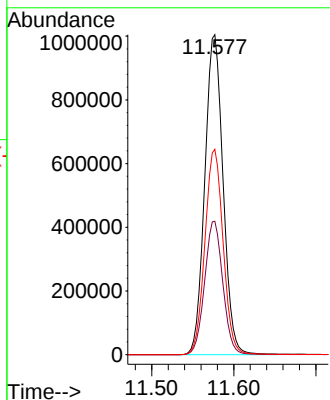
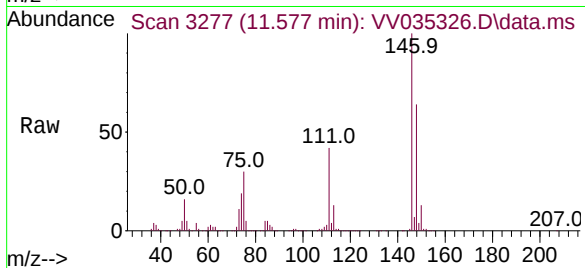
Tgt Ion:146 Resp: 1559307

Ion Ratio Lower Upper

146 100

111 41.7 34.6 52.0

148 64.2 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 19.202 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

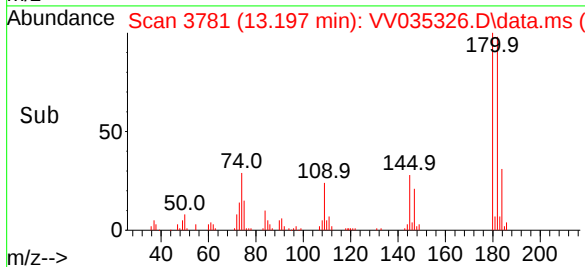
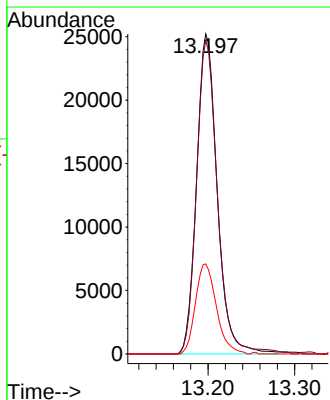
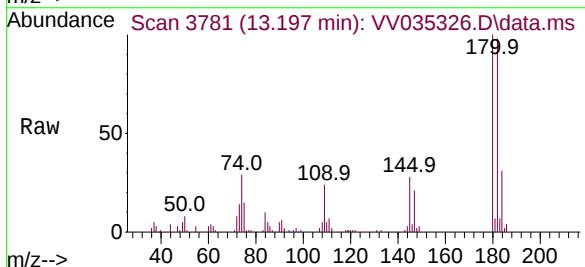
Tgt Ion:180 Resp: 41876

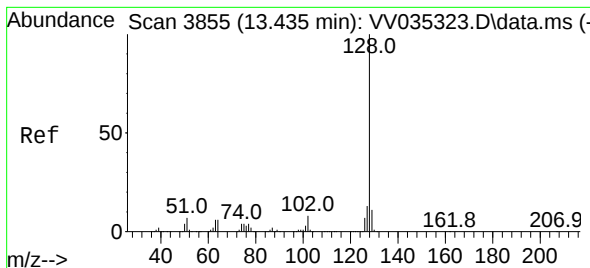
Ion Ratio Lower Upper

180 100

182 97.8 75.6 113.4

145 28.5 24.1 36.1





#71

Naphthalene

Concen: 1.766 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.009 min

Lab File: VV035326.D

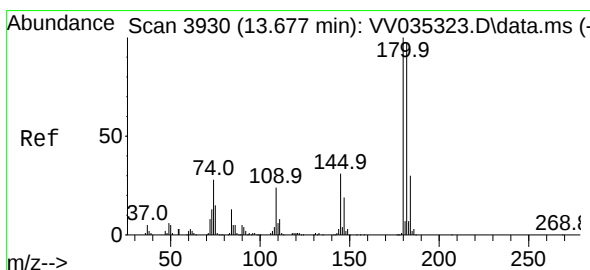
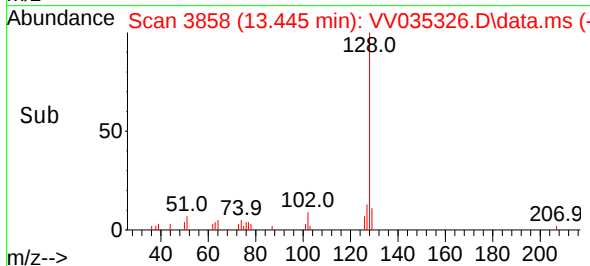
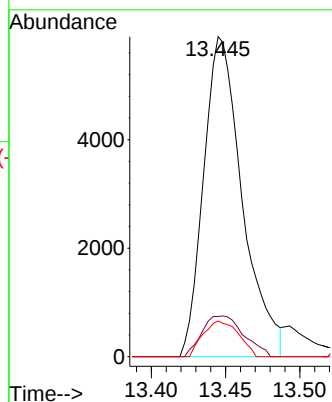
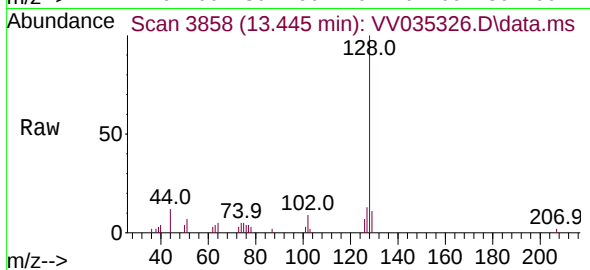
Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	10682
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.5	15.7
129	10.2	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.307 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Tgt Ion:	180	Resp:	11408
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.2	114.2
145	31.0	25.8	38.6

