

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035329.D
 Acq On : 22 Apr 2024 13:43
 Operator : SY/MD
 Sample : P2182-08 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:30:08 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)

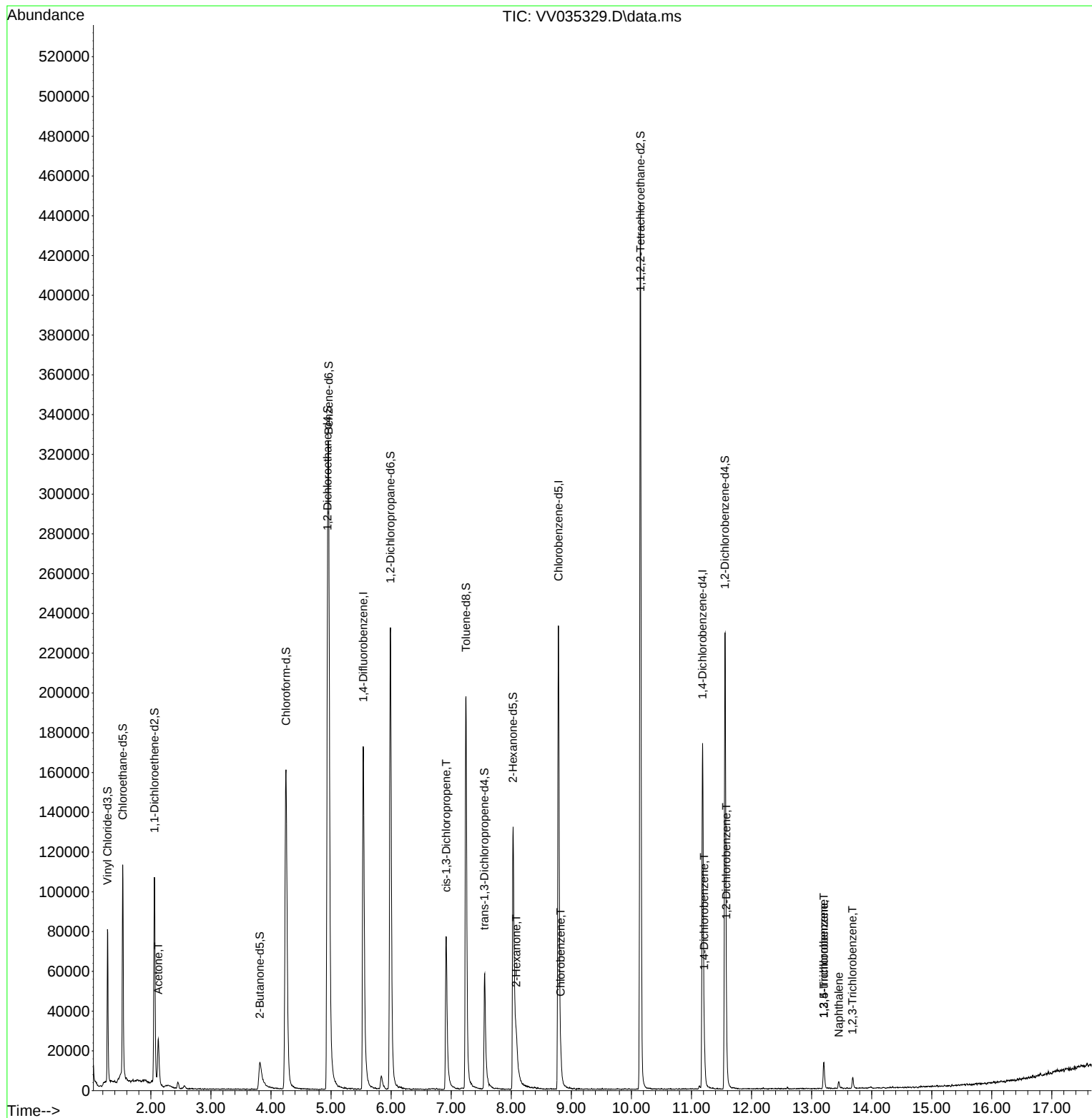
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	157437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50286	33.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.140%			
7) Chloroethane-d5	1.532	69	66804	50.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.180%			
11) 1,1-Dichloroethene-d2	2.060	65	18749	28.131	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.260%#			
21) 2-Butanone-d5	3.812	46	52	0.058	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.060%#			
24) Chloroform-d	4.249	84	180584	70.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.280%#			
26) 1,2-Dichloroethane-d4	4.941	65	148337	91.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 182.800%#			
32) Benzene-d6	4.960	84	261897	56.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.560%			
36) 1,2-Dichloropropane-d6	5.989	67	121025	82.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 165.260%#			
41) Toluene-d8	7.246	98	144257	34.729	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.460%#			
43) trans-1,3-Dichloroprop...	7.555	79	37882	53.202	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.400%			
47) 2-Hexanone-d5	8.030	63	44632	80.598	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.600%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	219998	109.075	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 218.160%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	62398	55.281	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.560%			
Target Compounds						Qvalue
13) Acetone	2.124	43	26505	32.016	ug/L	96
39) cis-1,3-Dichloropropene	6.918	75	2195	1.126	ug/L #	74
48) 2-Hexanone	8.085	43	15050	11.201	ug/L #	82
51) Chlorobenzene	8.821	112	8304	2.733	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	7589	4.406	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	7623	4.518	ug/L	97
69) 1,3,5-Trichlorobenzene	13.204	180	4987	4.086	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	4987	4.448	ug/L	95
71) Naphthalene	13.455	128	3634	1.168	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.680	180	1050	0.950	ug/L #	21

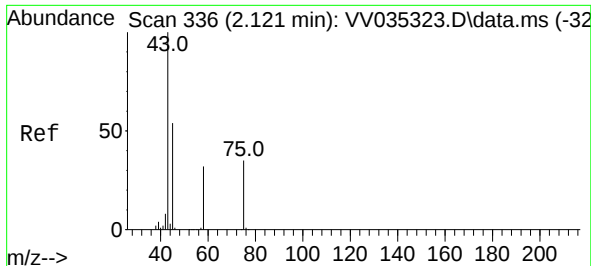
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 32.016 ug/L

RT: 2.124 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

Instrument :

MSVOA_V

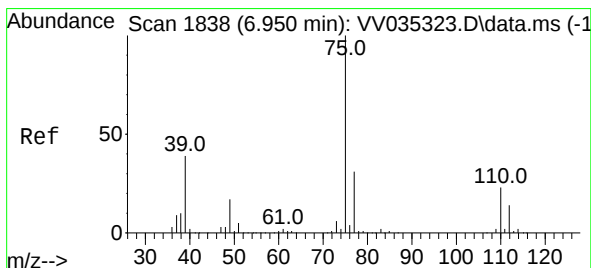
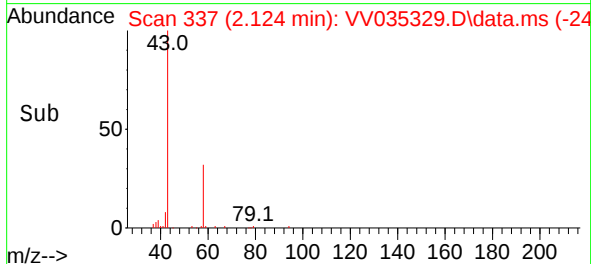
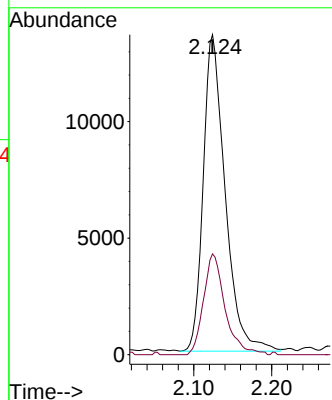
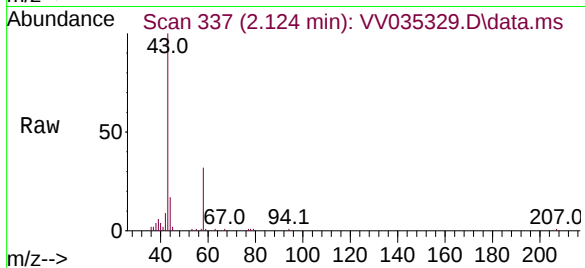
ClientSampleId :

Tgt Ion: 43 Resp: 26505

Ion Ratio Lower Upper

43 100

58 30.7 0.0 66.0



#39

cis-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.032 min

Lab File: VV035329.D

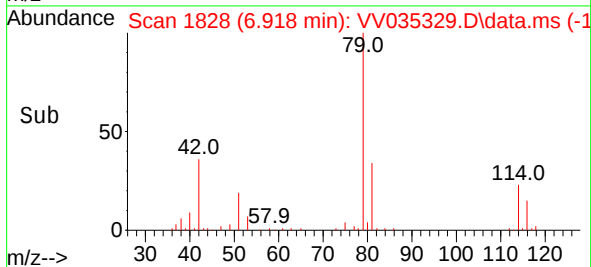
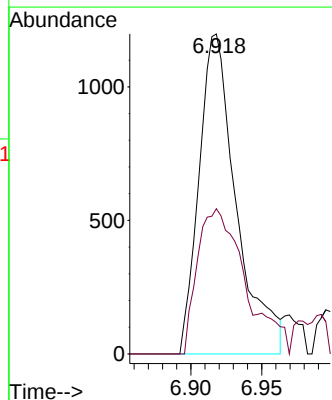
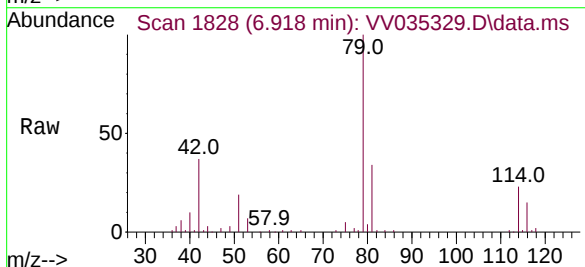
Acq: 22 Apr 2024 13:43

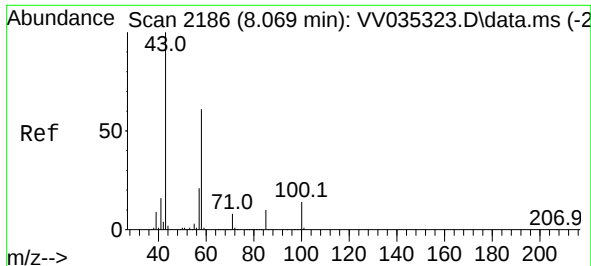
Tgt Ion: 75 Resp: 2195

Ion Ratio Lower Upper

75 100

77 45.4 21.9 40.7#





#48

2-Hexanone

Concen: 11.201 ug/L

RT: 8.085 min Scan# 2186

Delta R.T. 0.016 min

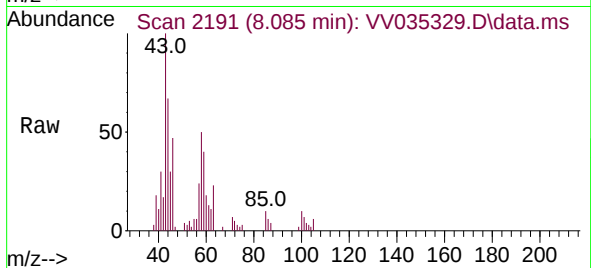
Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 15050

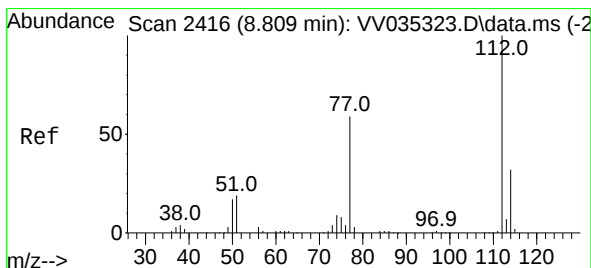
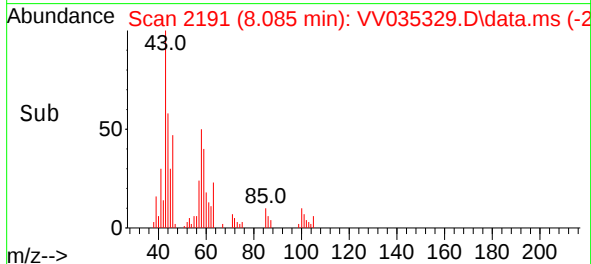
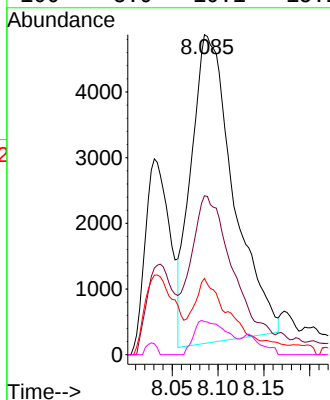
Ion Ratio Lower Upper

43 100

58 44.9 45.4 68.2#

57 7.5 16.2 24.4#

100 8.9 10.1 15.1#



#51

Chlorobenzene

Concen: 2.733 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.013 min

Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

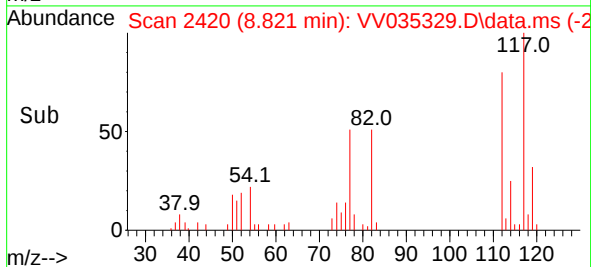
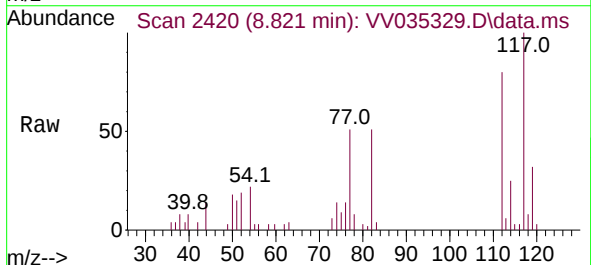
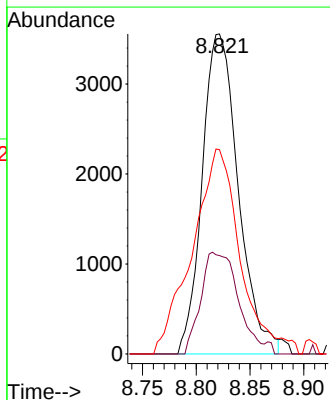
Tgt Ion: 112 Resp: 8304

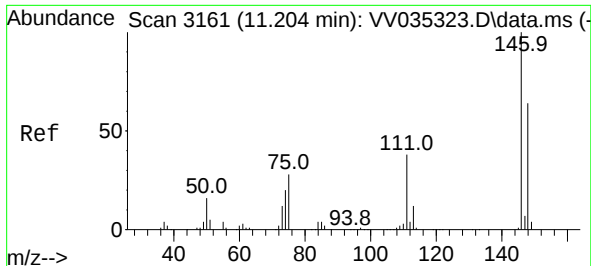
Ion Ratio Lower Upper

112 100

114 30.7 22.0 41.0

77 63.8 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 4.406 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :

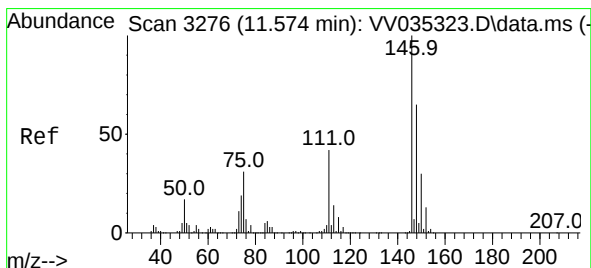
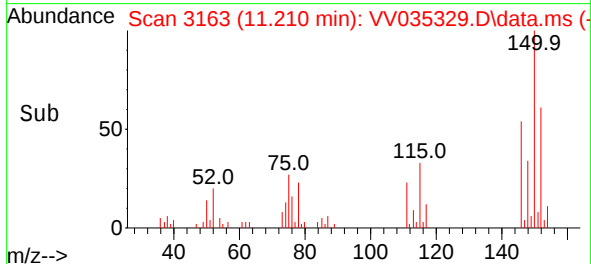
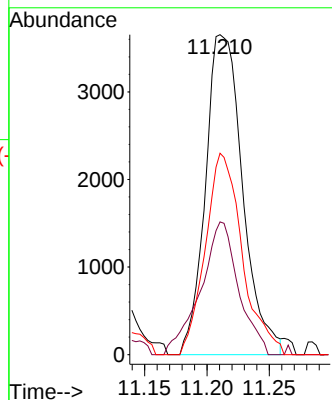
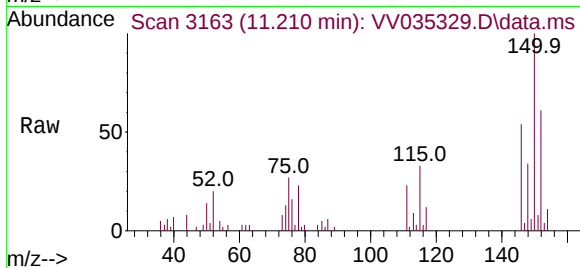
Tgt Ion:146 Resp: 7589

Ion Ratio Lower Upper

146 100

111 41.5 27.4 50.8

148 62.9 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 4.518 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.006 min

Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

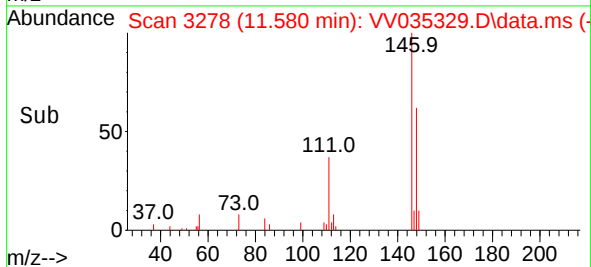
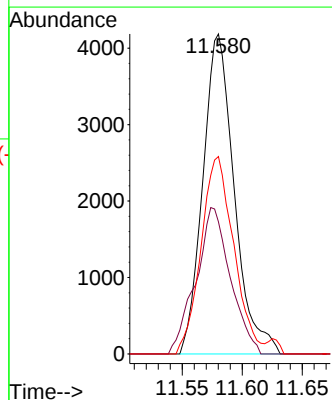
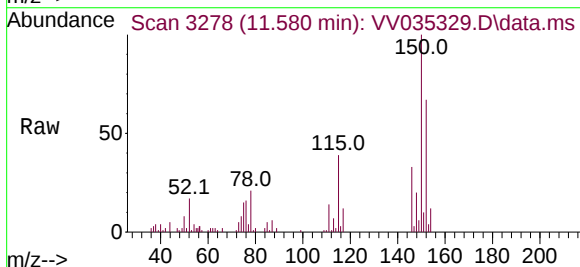
Tgt Ion:146 Resp: 7623

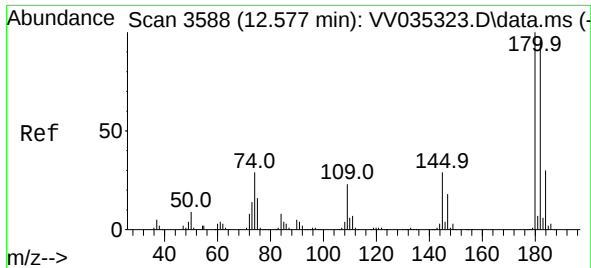
Ion Ratio Lower Upper

146 100

111 41.3 34.6 52.0

148 61.7 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 4.086 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.627 min

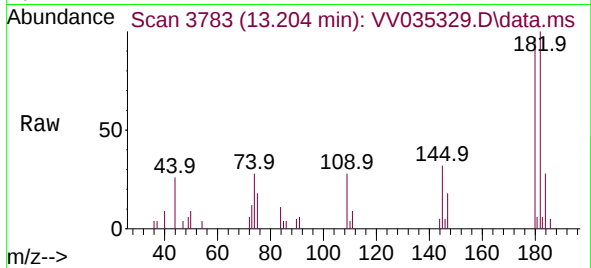
Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4987

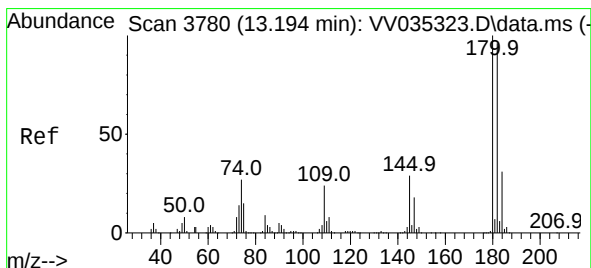
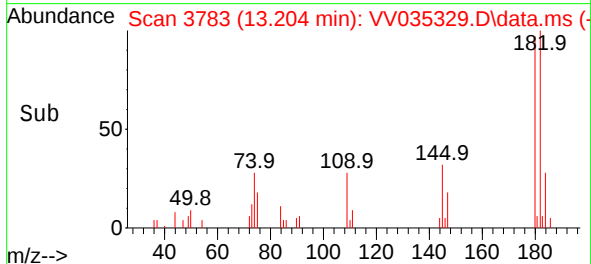
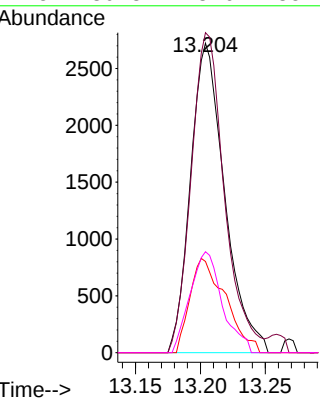
Ion Ratio Lower Upper

180 100

182 100.4 74.7 112.1

184 31.3 24.0 36.0

145 30.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.448 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035329.D

Acq: 22 Apr 2024 13:43

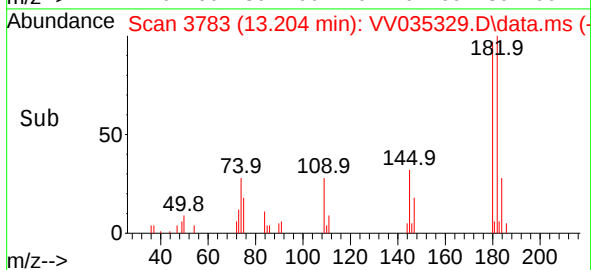
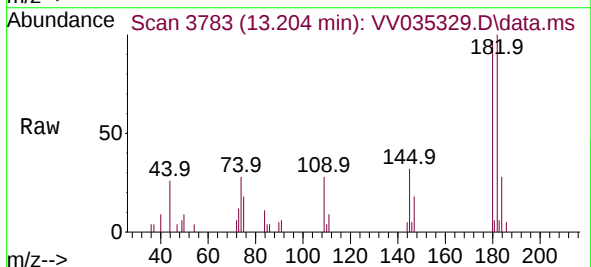
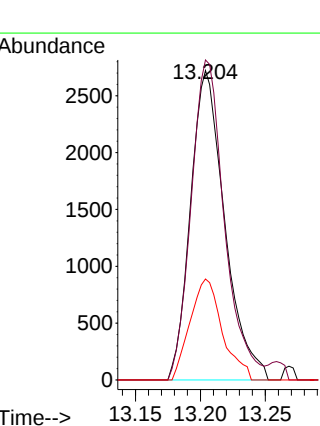
Tgt Ion:180 Resp: 4987

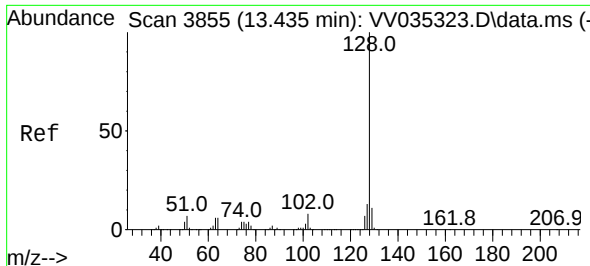
Ion Ratio Lower Upper

180 100

182 100.4 75.6 113.4

145 30.8 24.1 36.1

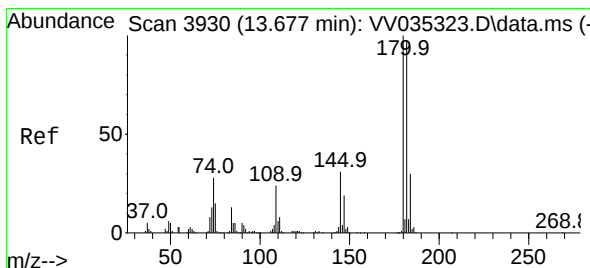
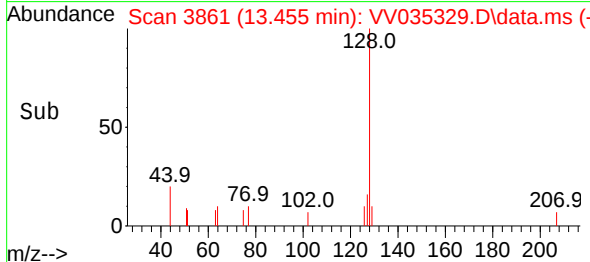
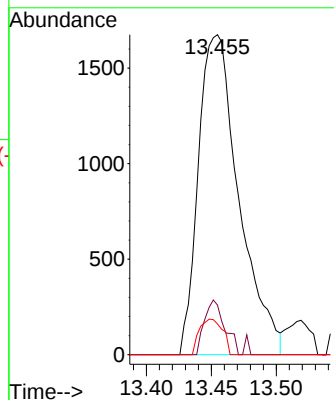
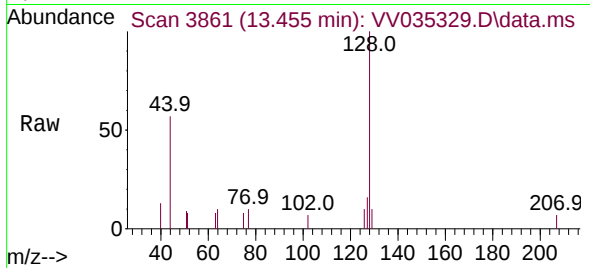




#71
Naphthalene
Concen: 1.168 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV035329.D
Acq: 22 Apr 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3634
Ion Ratio Lower Upper
128 100
127 8.0 10.5 15.7#
129 6.4 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.950 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035329.D
Acq: 22 Apr 2024 13:43

Tgt Ion:180 Resp: 1050
Ion Ratio Lower Upper
180 100
182 184.7 76.2 114.2#
145 55.9 25.8 38.6#

