

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
 Data File : VV035102.D
 Acq On : 10 Apr 2024 12:28
 Operator : SY/MD
 Sample : VIBLK277
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK277

Quant Time: Apr 11 06:57:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

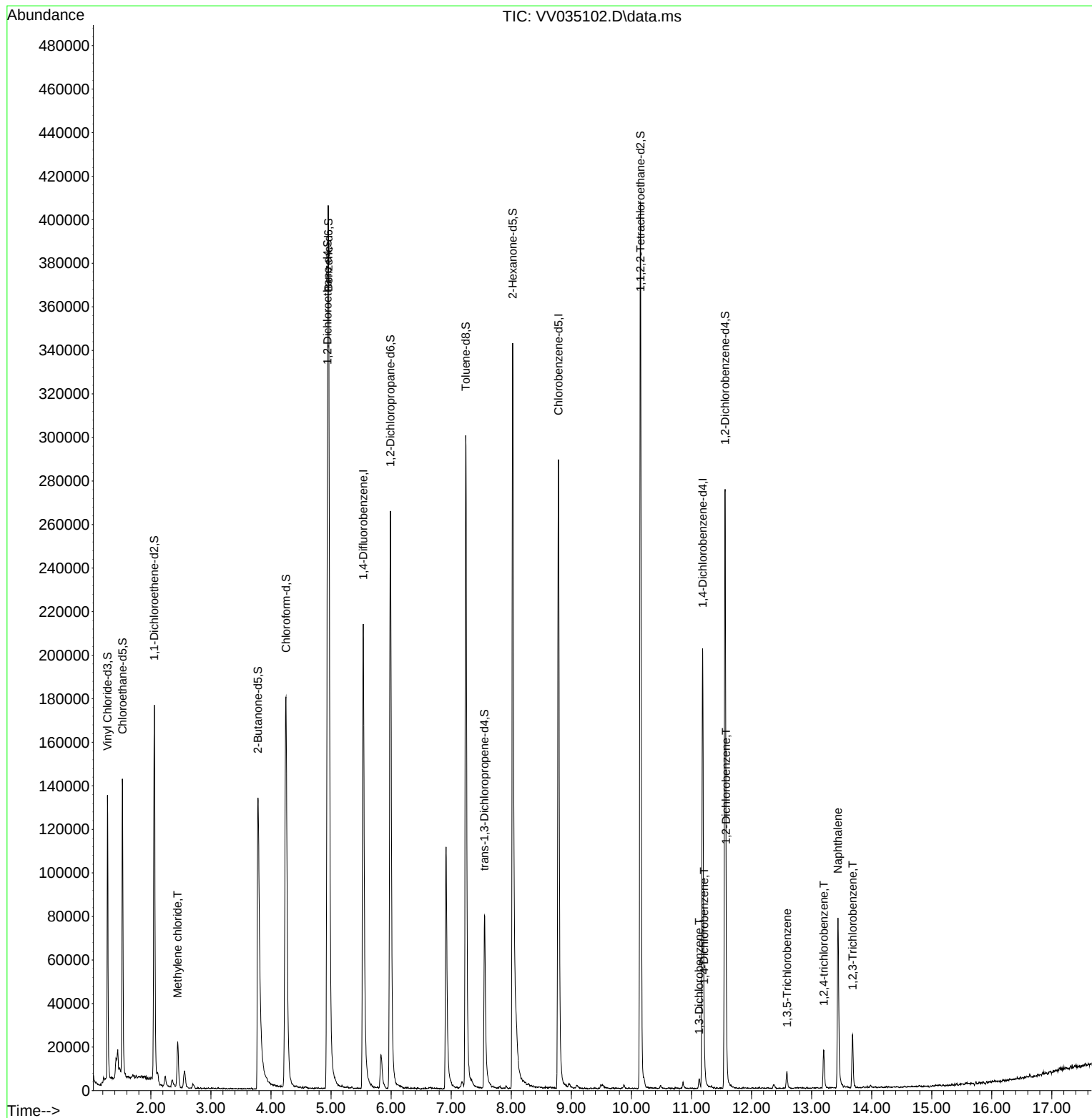
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	190009	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	161888	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84211	45.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.780%
7) Chloroethane-d5	1.526	69	91191	57.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.420%
11) 1,1-Dichloroethene-d2	2.056	65	29980	37.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.540%
21) 2-Butanone-d5	3.783	46	213603	196.270	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	196.270%#
24) Chloroform-d	4.249	84	194032	62.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.780%#
26) 1,2-Dichloroethane-d4	4.940	65	150873	77.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	154.040%#
32) Benzene-d6	4.957	84	332332	61.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.220%
36) 1,2-Dichloropropane-d6	5.989	67	135700	78.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	157.160%#
41) Toluene-d8	7.243	98	210269	42.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.880%
43) trans-1,3-Dichloroprop...	7.554	79	51267	61.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.140%
47) 2-Hexanone-d5	8.024	63	113833	174.357	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	174.360%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	202726	85.253	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	170.500%#
66) 1,2-Dichlorobenzene-d4	11.561	152	71364	58.240	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.480%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.445	84	8516	5.511	ug/L	96
64) 1,3-Dichlorobenzene	11.130	146	2254	1.226	ug/L	90
65) 1,4-Dichlorobenzene	11.214	146	3836	2.052	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	3159	1.725	ug/L #	91
69) 1,3,5-Trichlorobenzene	12.590	180	2757	2.081	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	5682	4.668	ug/L	94
71) Naphthalene	13.438	128	65892	19.512	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7472	6.227	ug/L	98

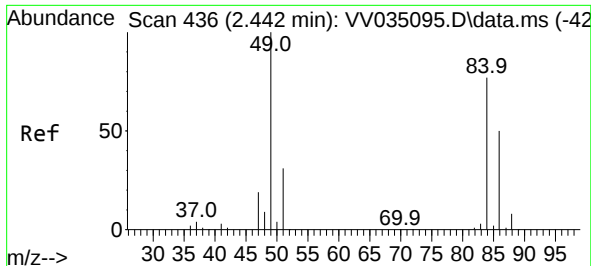
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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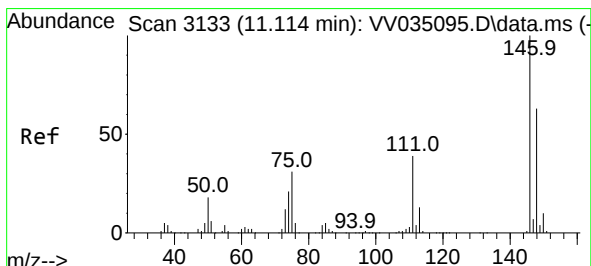
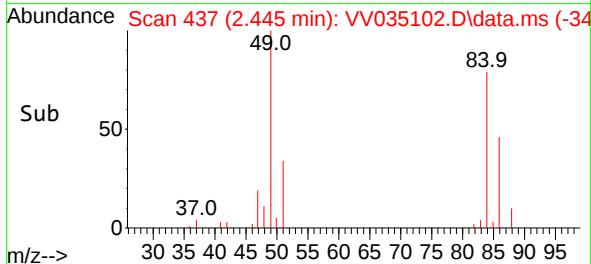
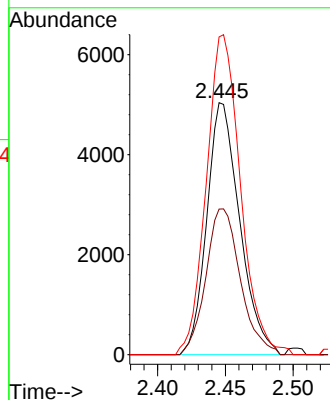
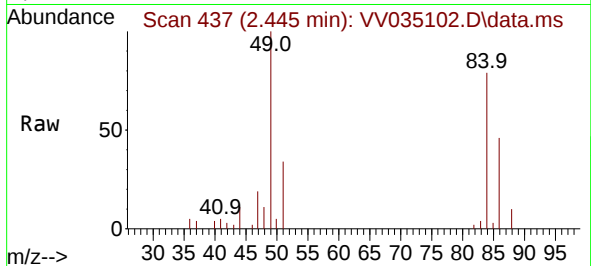




#16
Methylene chloride
Concen: 5.511 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035102.D
Acq: 10 Apr 2024 12:28

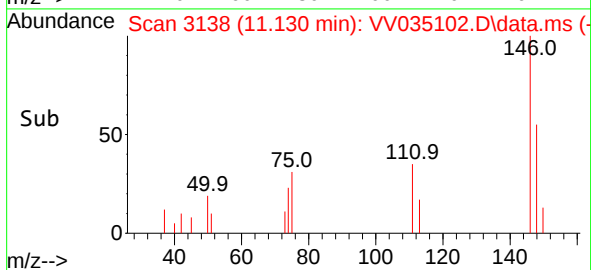
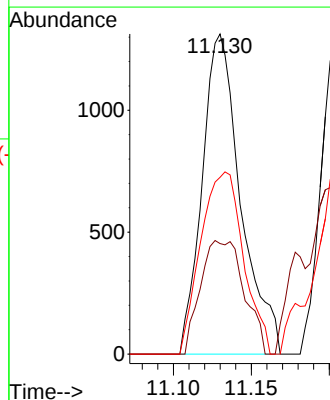
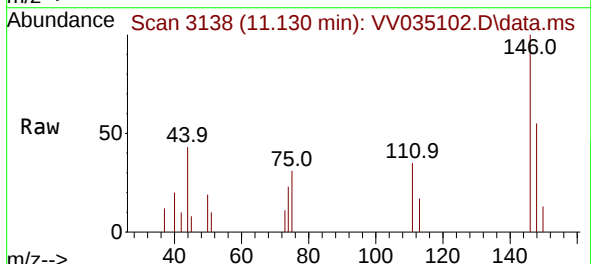
Instrument :
MSVOA_V
ClientSampleId :
VIBLK277

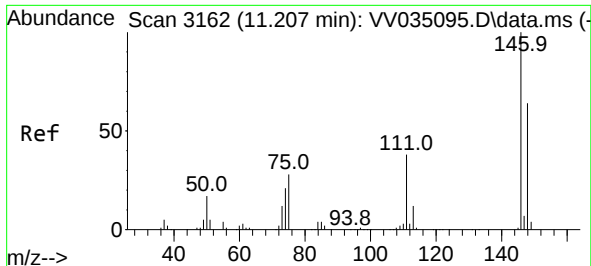
Tgt Ion:	84	Resp:	8516
Ion	Ratio	Lower	Upper
84	100		
86	57.7	44.6	82.8
49	126.1	86.9	161.3



#64
1,3-Dichlorobenzene
Concen: 1.226 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.016 min
Lab File: VV035102.D
Acq: 10 Apr 2024 12:28

Tgt Ion:	146	Resp:	2254
Ion	Ratio	Lower	Upper
146	100		
111	34.5	28.7	53.3
148	55.2	44.0	81.8

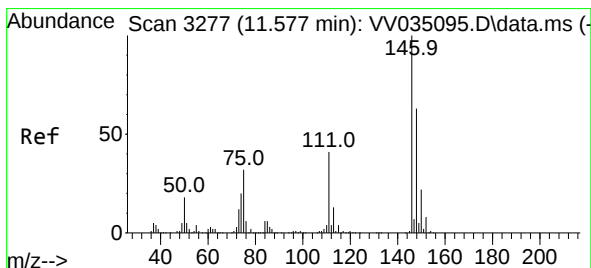
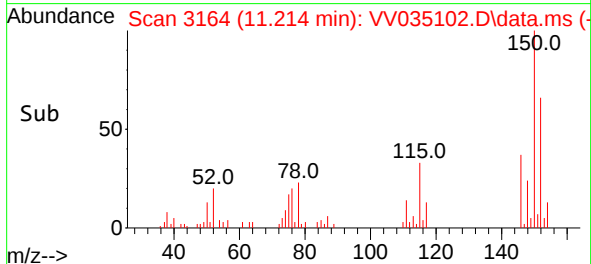
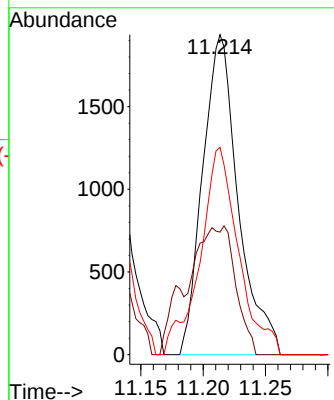
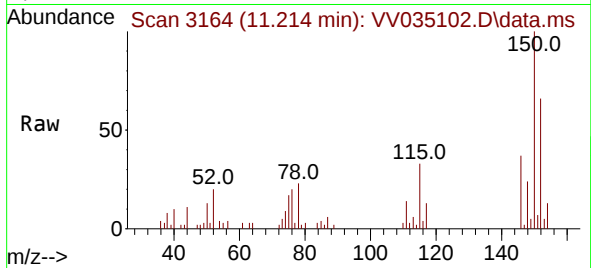




#65
1,4-Dichlorobenzene
Concen: 2.052 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VV035102.D
Acq: 10 Apr 2024 12:28

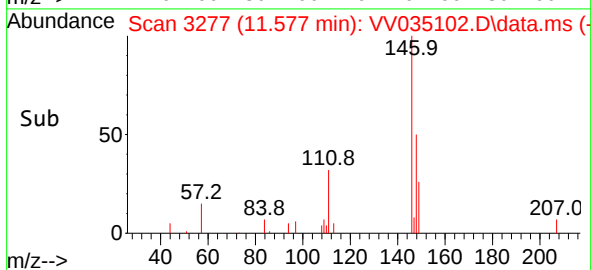
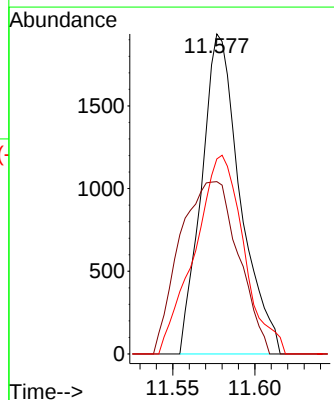
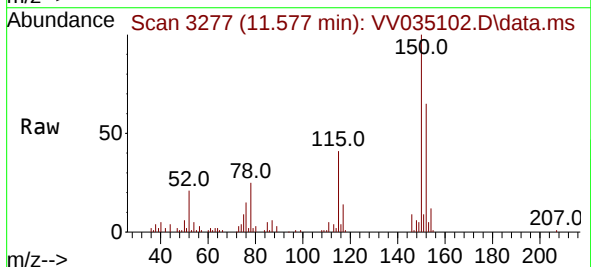
Instrument :
MSVOA_V
ClientSampleId :
VIBLK277

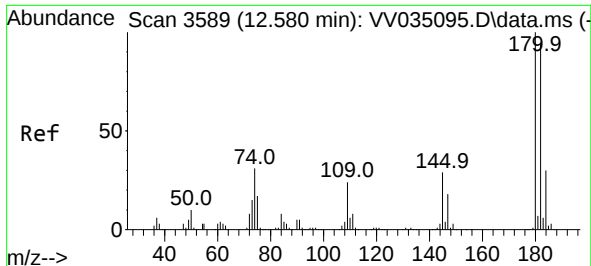
Tgt Ion:146 Resp: 3836
Ion Ratio Lower Upper
146 100
111 38.3 27.4 50.8
148 64.8 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 1.725 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV035102.D
Acq: 10 Apr 2024 12:28

Tgt Ion:146 Resp: 3159
Ion Ratio Lower Upper
146 100
111 53.9 34.6 52.0#
148 60.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 2.081 ug/L

RT: 12.590 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV035102.D

Acq: 10 Apr 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

VIBLK277

Tgt Ion:180 Resp: 2757

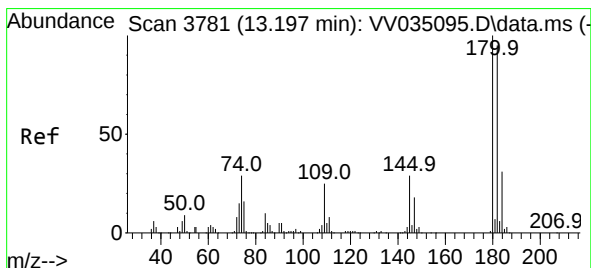
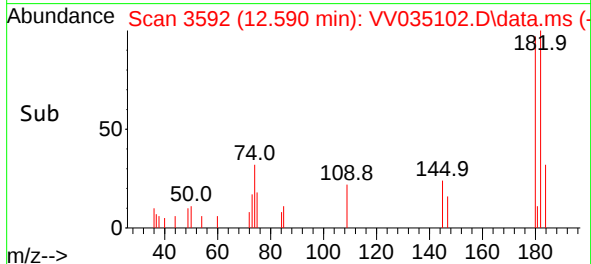
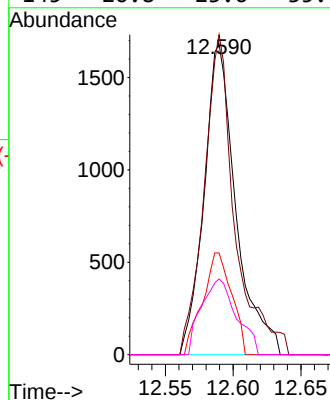
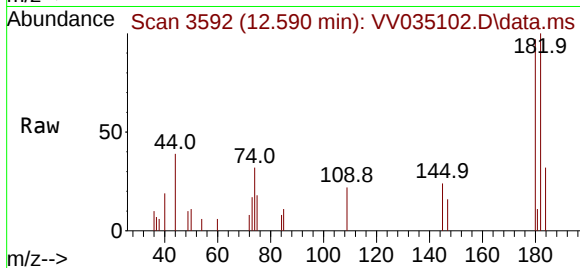
Ion Ratio Lower Upper

180 100

182 91.3 74.7 112.1

184 29.8 24.0 36.0

145 26.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.668 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035102.D

Acq: 10 Apr 2024 12:28

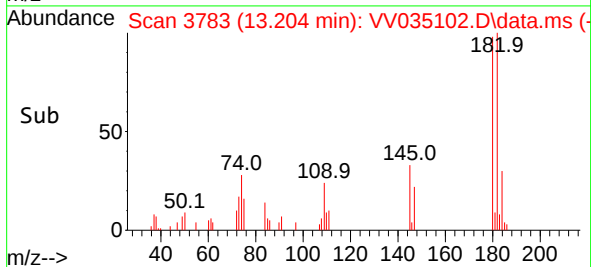
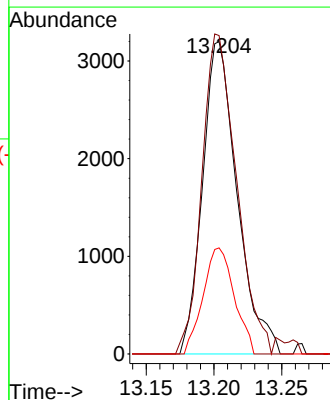
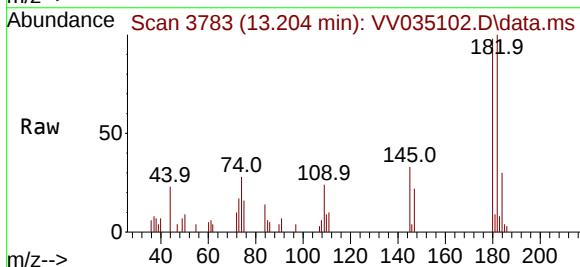
Tgt Ion:180 Resp: 5682

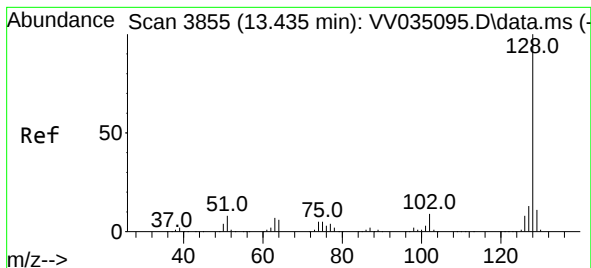
Ion Ratio Lower Upper

180 100

182 101.8 75.6 113.4

145 30.6 24.1 36.1





#71

Naphthalene

Concen: 19.512 ug/L

RT: 13.438 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV035102.D

Acq: 10 Apr 2024 12:28

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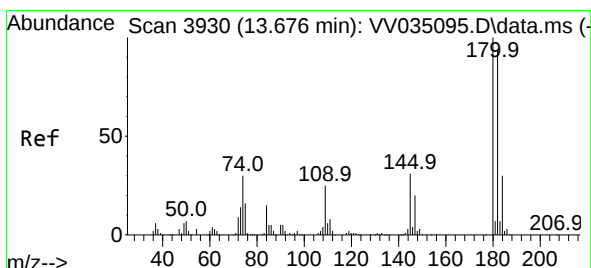
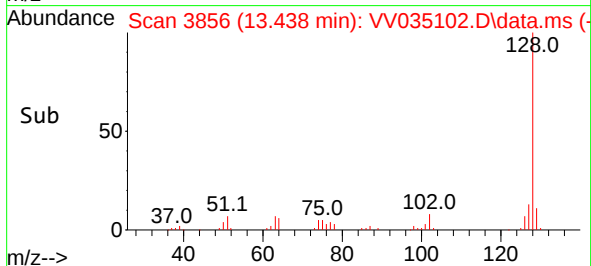
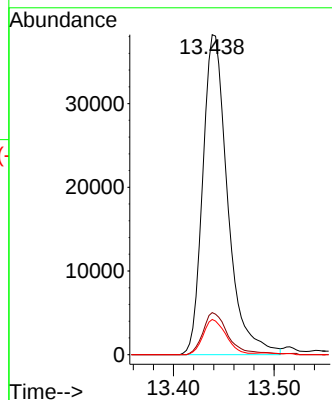
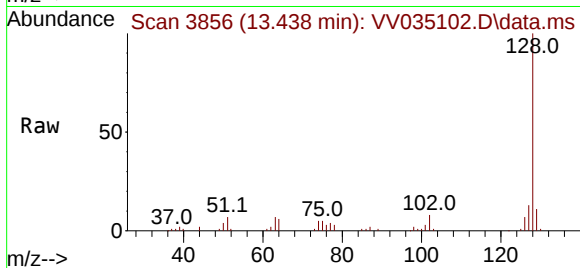
Tgt Ion:128 Resp: 65892

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 6.227 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035102.D

Acq: 10 Apr 2024 12:28

Tgt Ion:180 Resp: 7472

Ion Ratio Lower Upper

180 100

182 97.5 76.2 114.2

145 30.7 25.8 38.6

