

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036073.D
 Acq On : 13 Jun 2024 20:40
 Operator : SY/MD
 Sample : P2856-03
 Misc : 5.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:08:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

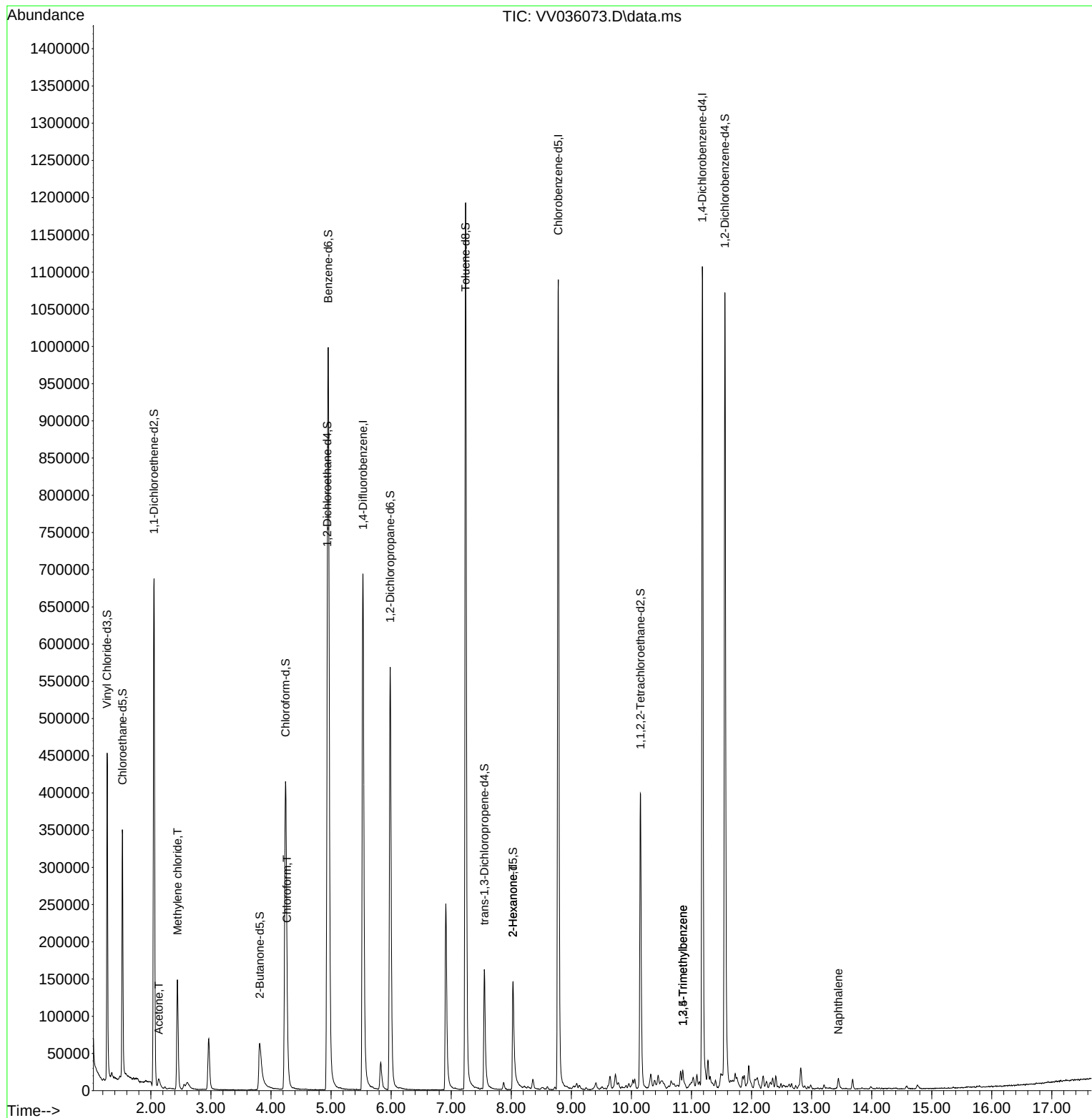
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	628395	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	627308	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	291408	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	299977	25.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.880%			
7) Chloroethane-d5	1.526	69	226091	24.543	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.160%			
11) 1,1-Dichloroethene-d2	2.053	65	119500	23.235	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.920%			
21) 2-Butanone-d5	3.812	46	77555	29.258	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.520%			
24) Chloroform-d	4.243	84	466225	23.337	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.360%			
26) 1,2-Dichloroethane-d4	4.937	65	239088	22.825	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.320%			
32) Benzene-d6	4.953	84	952957	25.556	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.240%			
36) 1,2-Dichloropropane-d6	5.985	67	293629	25.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.040%			
41) Toluene-d8	7.239	98	815386	24.783	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.120%			
43) trans-1,3-Dichloroprop...	7.551	79	103687	21.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.160%			
47) 2-Hexanone-d5	8.027	63	58337	36.668	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.340%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	195734	22.306	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.240%			
66) 1,2-Dichlorobenzene-d4	11.558	152	273197	25.565	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.280%			
Target Compounds					Qvalue	
13) Acetone	2.130	43	22801	5.522	ug/L #	48
16) Methylene chloride	2.442	84	66698	4.691	ug/L	96
25) Chloroform	4.269	83	10534	0.503	ug/L	82
48) 2-Hexanone	8.030	43	6742	1.473	ug/L #	70
62) 1,3,5-Trimethylbenzene	10.857	105	10231	0.377	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	10231	0.350	ug/L	99
71) Naphthalene	13.445	128	12933	0.685	ug/L	100

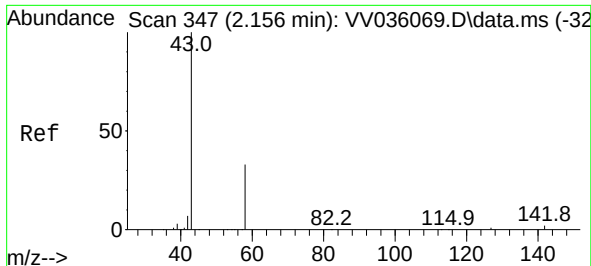
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.522 ug/L

RT: 2.130 min Scan# 347

Delta R.T. -0.026 min

Lab File: VV036073.D

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Instrument :

MSVOA_V

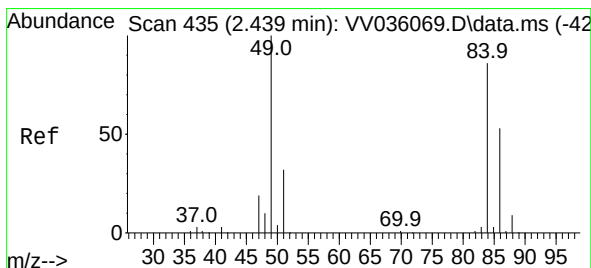
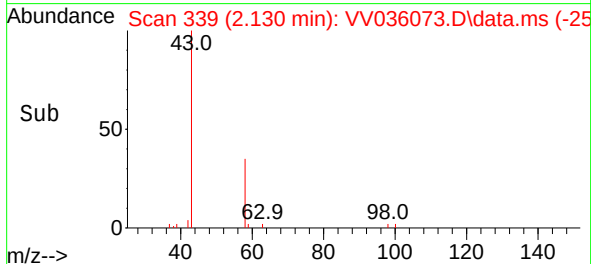
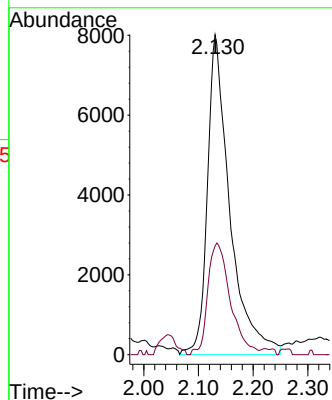
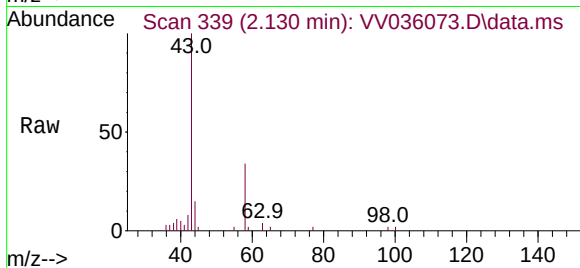
ClientSampleId :

Tgt Ion: 43 Resp: 22801

Ion Ratio Lower Upper

43 100

58 32.4 0.0 24.2#



#16

Methylene chloride

Concen: 4.691 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036073.D

Acq: 13 Jun 2024 20:40

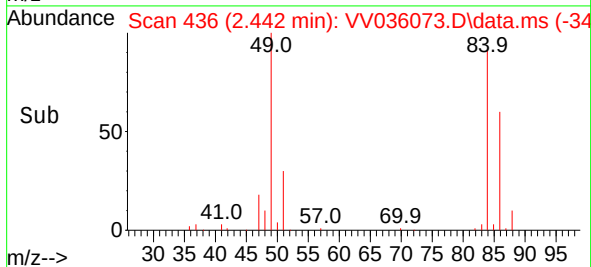
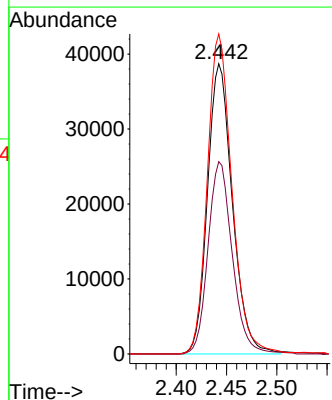
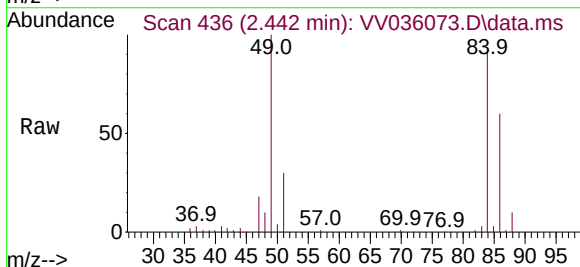
Tgt Ion: 84 Resp: 66698

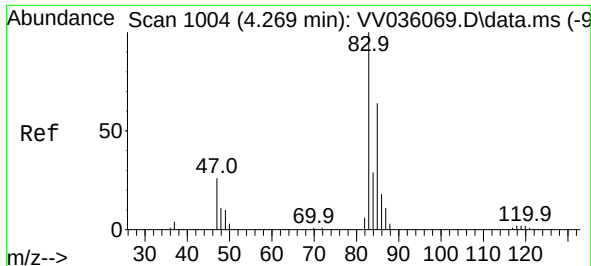
Ion Ratio Lower Upper

84 100

86 66.3 44.6 82.8

49 110.3 81.1 150.5





#25

Chloroform

Concen: 0.503 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

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Acq: 13 Jun 2024 20:40

Instrument :

MSVOA_V

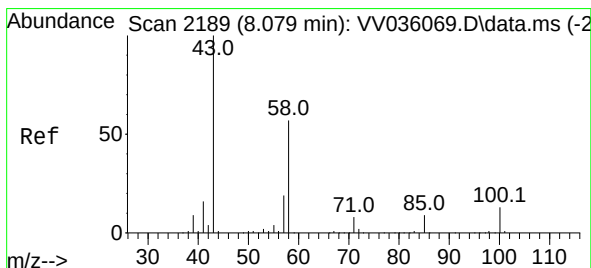
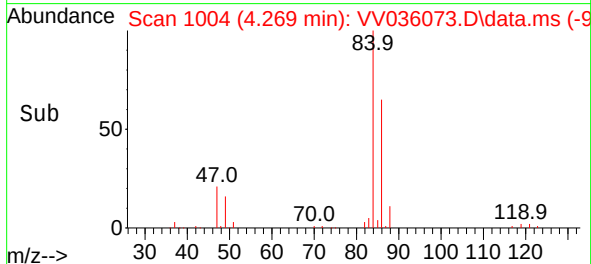
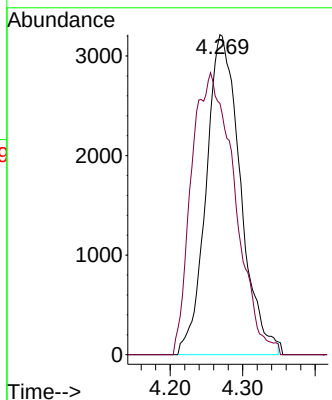
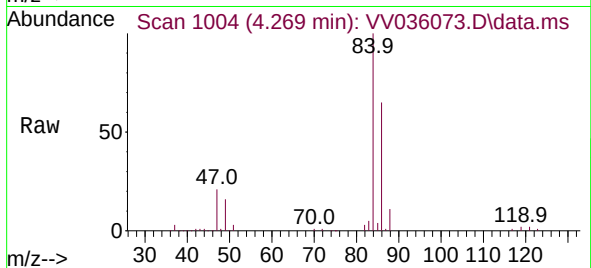
ClientSampleId :

Tgt Ion: 83 Resp: 10534

Ion Ratio Lower Upper

83 100

85 78.5 45.2 84.0



#48

2-Hexanone

Concen: 1.473 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV036073.D

Acq: 13 Jun 2024 20:40

Tgt Ion: 43 Resp: 6742

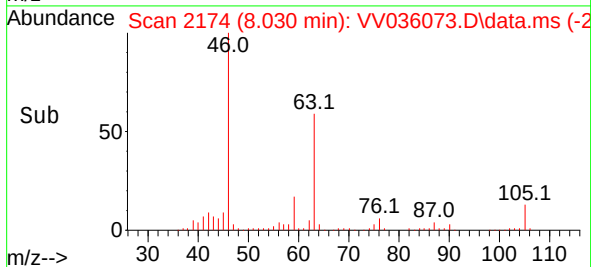
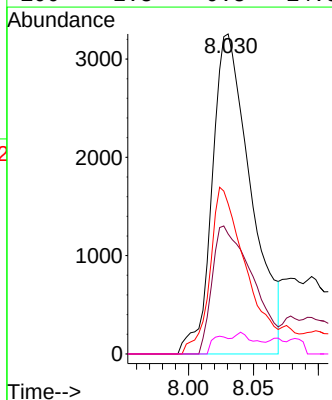
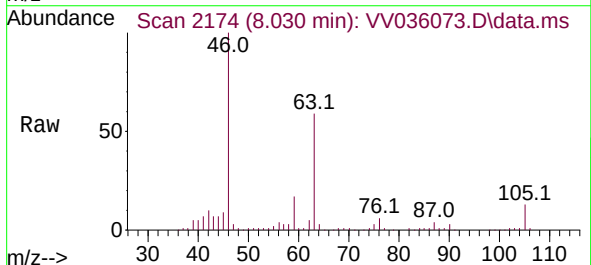
Ion Ratio Lower Upper

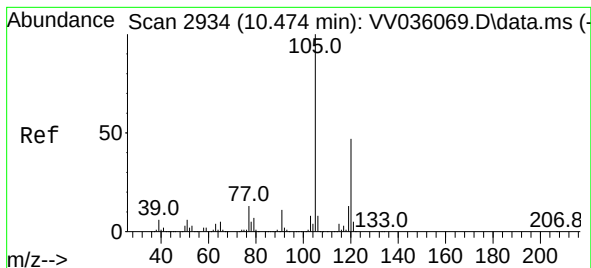
43 100

58 42.2 45.4 68.0#

57 48.5 15.8 23.8#

100 2.3 9.8 14.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.377 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.383 min

Lab File: VV036073.D

Acq: 13 Jun 2024 20:40

Instrument :

MSVOA_V

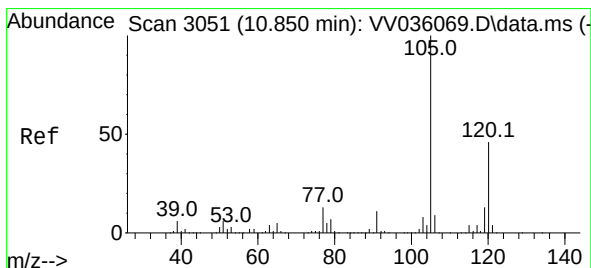
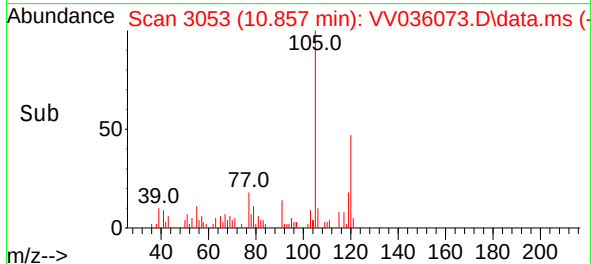
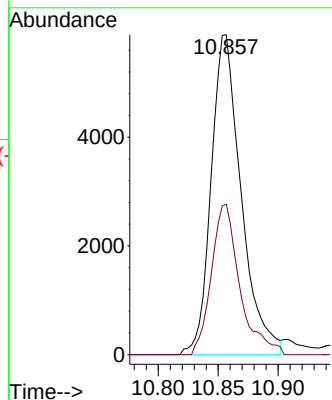
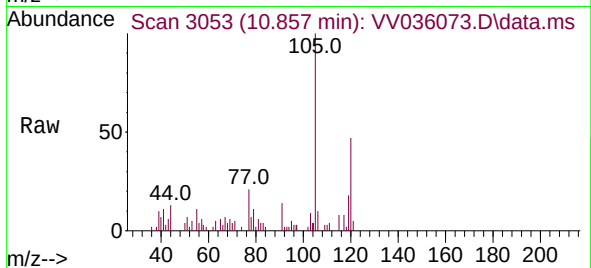
ClientSampleId :

Tgt Ion:105 Resp: 10231

Ion Ratio Lower Upper

105 100

120 44.5 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 0.350 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV036073.D

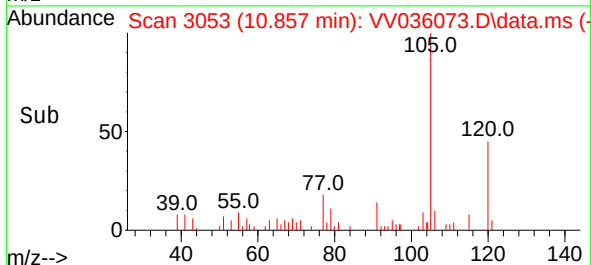
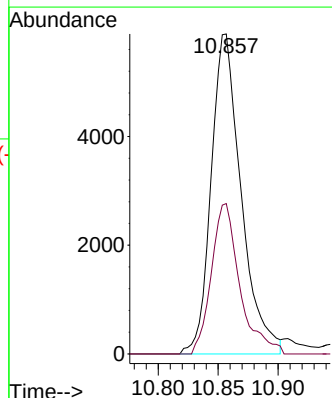
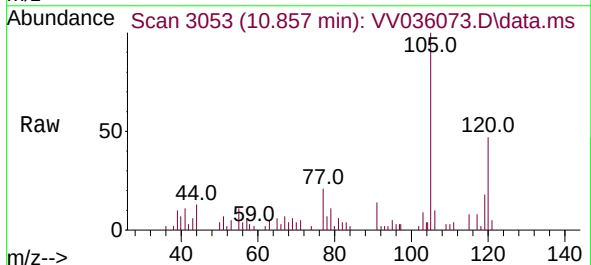
Acq: 13 Jun 2024 20:40

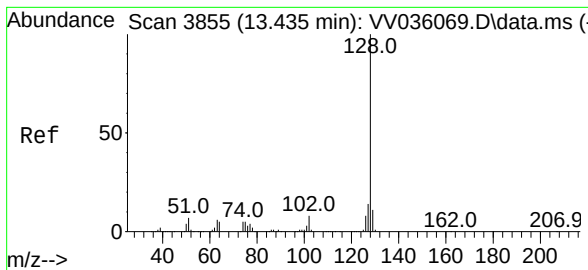
Tgt Ion:105 Resp: 10231

Ion Ratio Lower Upper

105 100

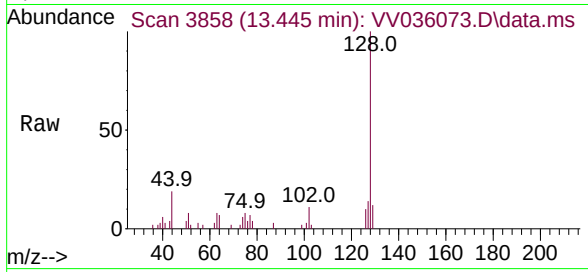
120 44.5 36.2 54.4





#71
Naphthalene
Concen: 0.685 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV036073.D
Acq: 13 Jun 2024 20:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	12933
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.8	8.8	13.2

