

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036244.D
 Acq On : 24 Jun 2024 14:28
 Operator : SY/MD
 Sample : P2987-14
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:57:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 04:55:15 2024
 Response via : Initial Calibration

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

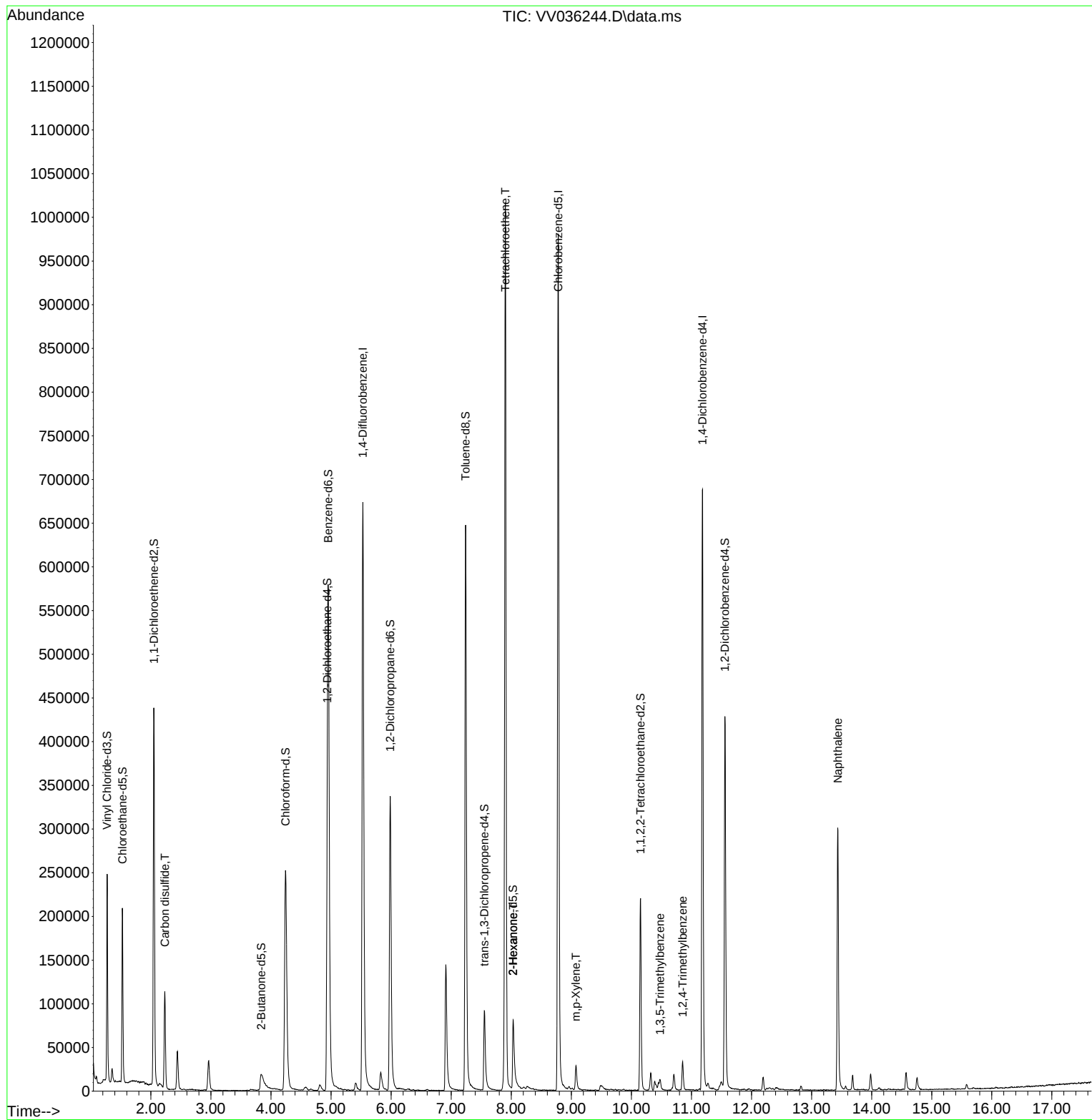
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	583810	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	539298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	155689	14.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.040%
7) Chloroethane-d5	1.526	69	132502	15.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.920%
11) 1,1-Dichloroethene-d2	2.050	65	73643	15.412	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.640%
21) 2-Butanone-d5	3.838	46	38276	15.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.080%
24) Chloroform-d	4.243	84	276662	14.906	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.640%
26) 1,2-Dichloroethane-d4	4.937	65	142311	14.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	58.480%#
32) Benzene-d6	4.953	84	537399	16.764	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.040%
36) 1,2-Dichloropropane-d6	5.986	67	167920	16.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.520%#
41) Toluene-d8	7.239	98	443042	15.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.640%
43) trans-1,3-Dichloroprop...	7.551	79	59578	14.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.560%
47) 2-Hexanone-d5	8.030	63	31774	23.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.460%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	108427	14.373	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	112644	16.913	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.640%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.233	76	131812	4.060	ug/L	100
46) Tetrachloroethene	7.902	164	224282	28.368	ug/L	99
48) 2-Hexanone	8.034	43	4102	1.043	ug/L #	68
53) m,p-Xylene	9.079	106	7873	0.543	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	5847	0.346	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	16736	0.919	ug/L	95
71) Naphthalene	13.435	128	243585	20.710	ug/L	99

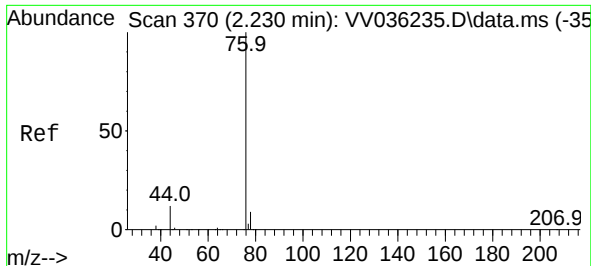
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 25 04:55:15 2024
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 4.060 ug/L

RT: 2.233 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036244.D

Acq: 24 Jun 2024 14:28

Instrument :

MSVOA_V

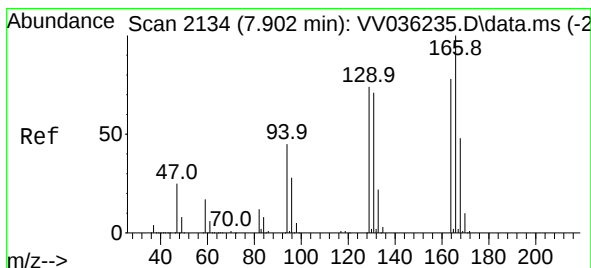
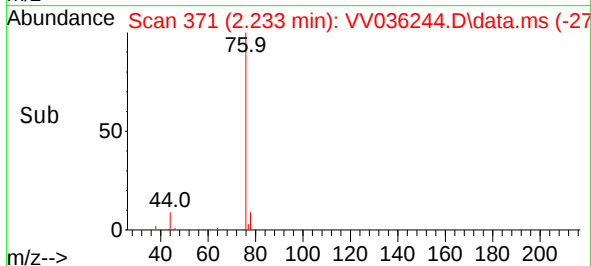
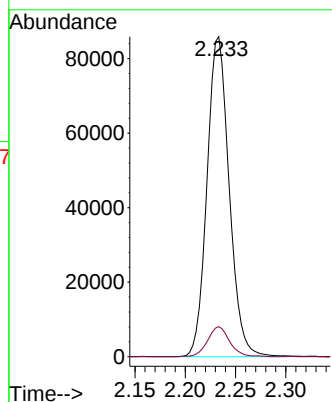
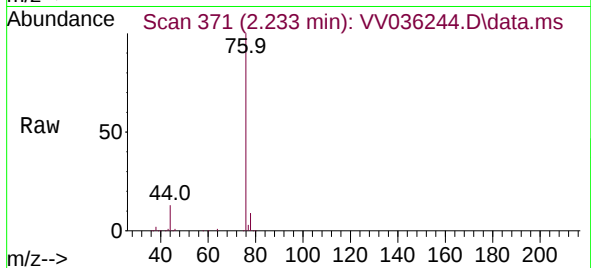
ClientSampleId :

Tgt Ion: 76 Resp: 131812

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



#46

Tetrachloroethene

Concen: 28.368 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036244.D

Acq: 24 Jun 2024 14:28

Tgt Ion:164 Resp: 224282

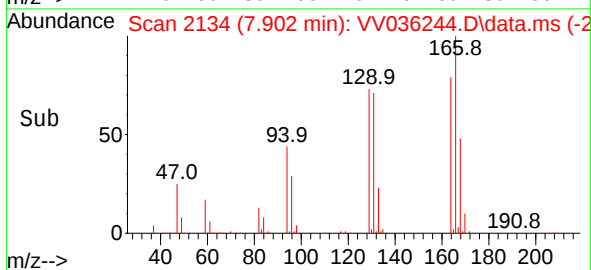
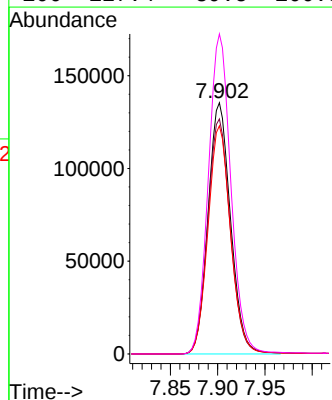
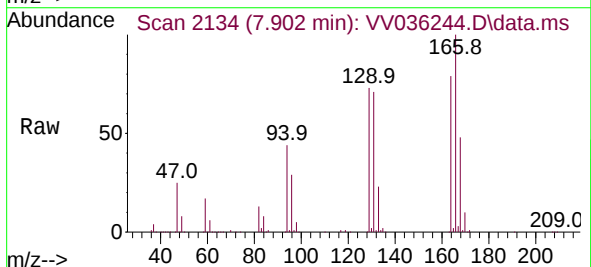
Ion Ratio Lower Upper

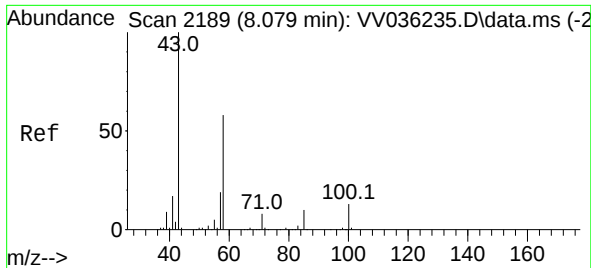
164 100

129 93.5 64.6 120.0

131 90.8 63.2 117.4

166 127.4 89.5 166.3





#48

2-Hexanone

Concen: 1.043 ug/L

RT: 8.034 min Scan# 2189

Delta R.T. -0.045 min

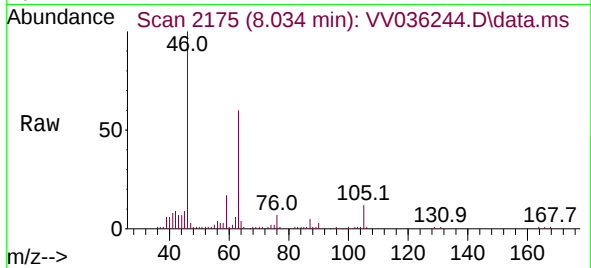
Lab File: VV036244.D

Acq: 24 Jun 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4102

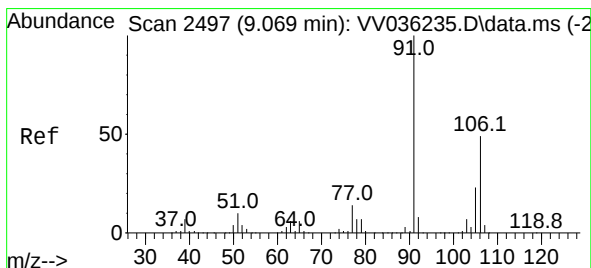
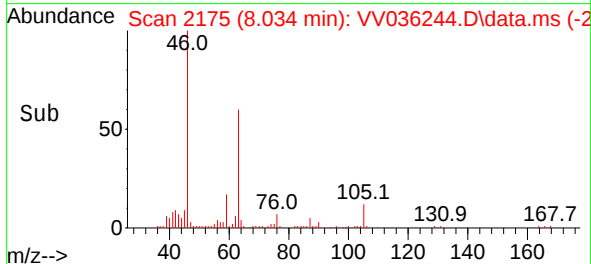
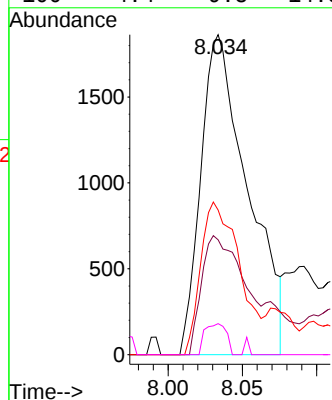
Ion Ratio Lower Upper

43 100

58 33.7 45.4 68.0#

57 39.5 15.8 23.8#

100 4.4 9.8 14.8#



#53

m,p-Xylene

Concen: 0.543 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.010 min

Lab File: VV036244.D

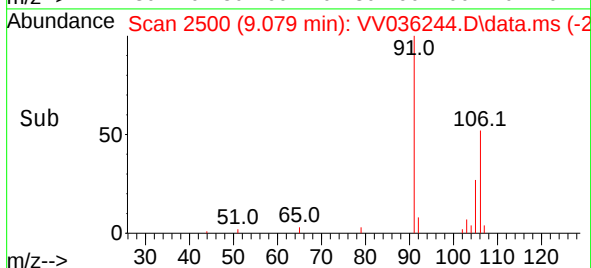
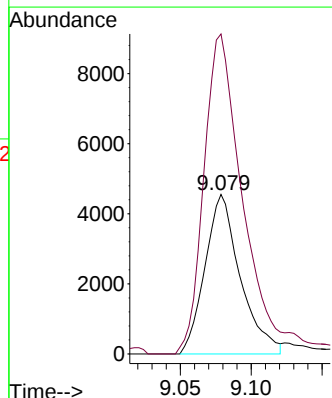
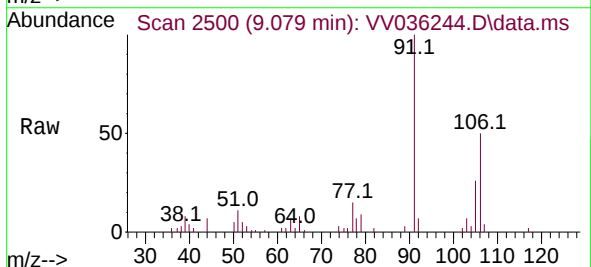
Acq: 24 Jun 2024 14:28

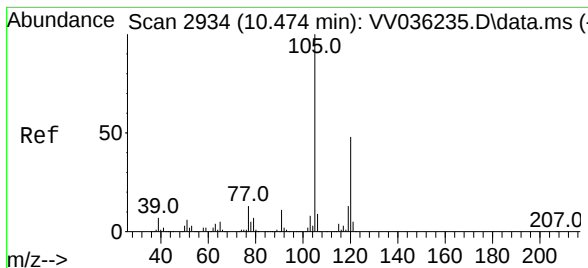
Tgt Ion: 106 Resp: 7873

Ion Ratio Lower Upper

106 100

91 200.7 143.1 265.9





#62

1,3,5-Trimethylbenzene

Concen: 0.346 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV036244.D

Acq: 24 Jun 2024 14:28

Instrument :

MSVOA_V

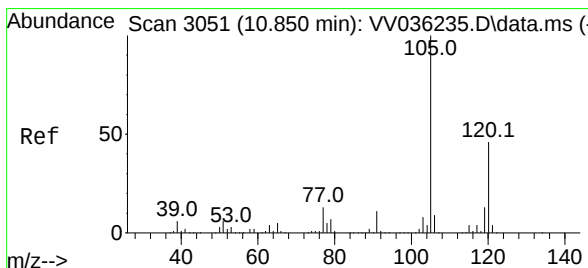
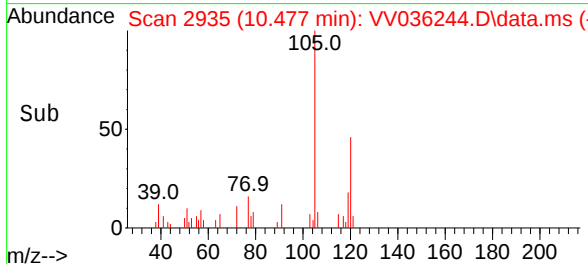
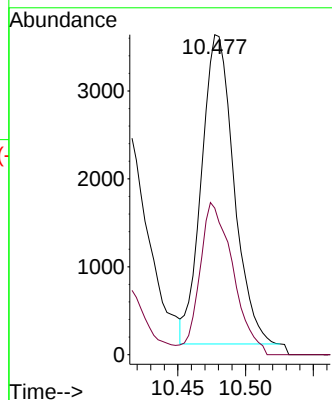
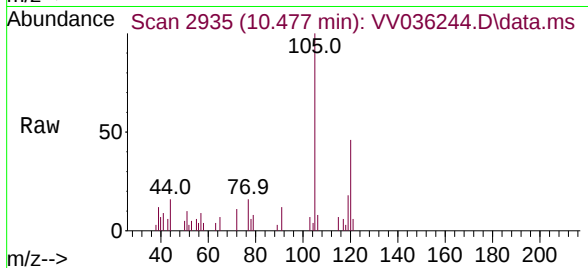
ClientSampleId :

Tgt Ion:105 Resp: 5847

Ion Ratio Lower Upper

105 100

120 50.2 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 0.919 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV036244.D

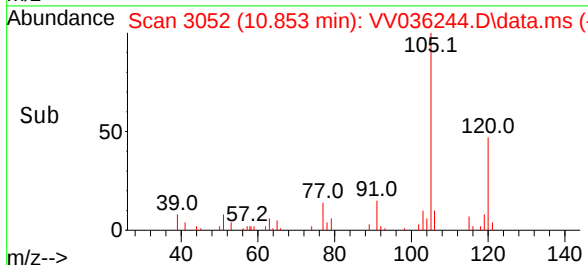
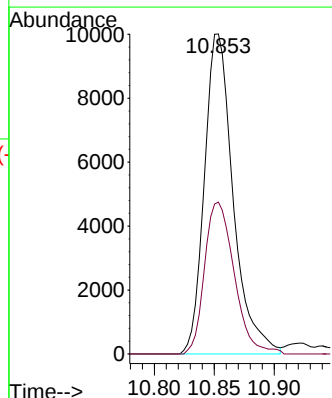
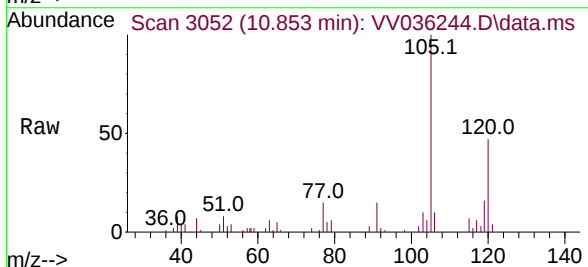
Acq: 24 Jun 2024 14:28

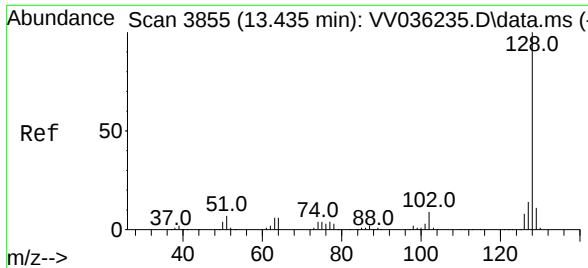
Tgt Ion:105 Resp: 16736

Ion Ratio Lower Upper

105 100

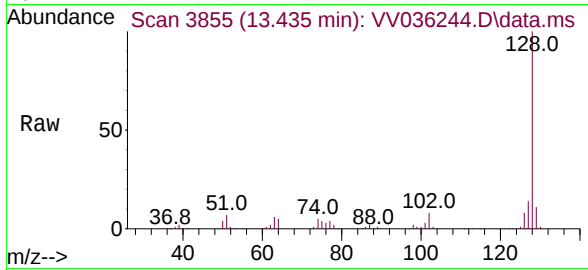
120 48.3 36.2 54.4





#71
Naphthalene
Concen: 20.710 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036244.D
Acq: 24 Jun 2024 14:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 243585
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.6 8.8 13.2

