

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
 Data File : VV031213.D
 Acq On : 24 May 2023 14:23
 Operator : SY/MD
 Sample : 02865-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX70

Quant Time: May 25 01:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

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

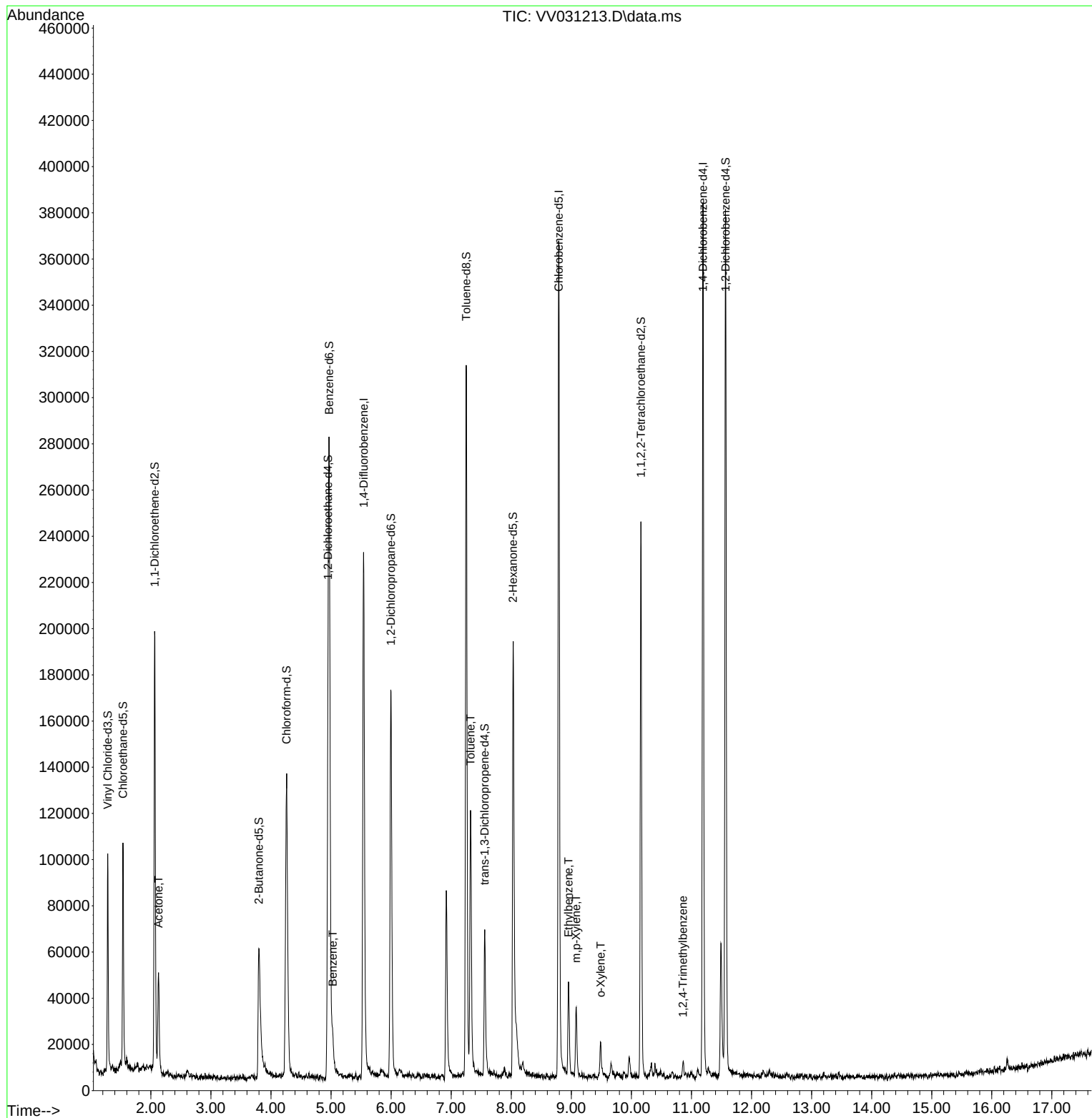
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	185041	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	186095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	98146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59158	37.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.820%		
7) Chloroethane-d5	1.535	69	60029	49.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.540%		
11) 1,1-Dichloroethene-d2	2.063	65	32249	43.487	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.980%		
21) 2-Butanone-d5	3.799	46	95716	113.590	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.590%		
24) Chloroform-d	4.259	84	124975	44.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.340%		
26) 1,2-Dichloroethane-d4	4.950	65	92248	48.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.600%		
32) Benzene-d6	4.969	84	218079	43.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.460%		
36) 1,2-Dichloropropane-d6	5.995	67	63340	41.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.920%		
41) Toluene-d8	7.249	98	196733	41.783	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.560%		
43) trans-1,3-Dichloroprop...	7.558	79	34025	44.928	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.860%		
47) 2-Hexanone-d5	8.030	63	58526	99.443	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.440%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	96607	42.671	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.340%		
66) 1,2-Dichlorobenzene-d4	11.567	152	91068	51.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.280%		
Target Compounds						Qvalue
13) Acetone	2.127	43	48673	44.431	ug/L	98
33) Benzene	5.027	78	15490	3.474	ug/L	100
42) Toluene	7.323	91	78618	16.299	ug/L	100
52) Ethylbenzene	8.953	91	27120	4.911	ug/L	99
53) m,p-Xylene	9.082	106	8645	4.035	ug/L	80
54) o-Xylene	9.487	106	4133	1.956	ug/L	91
63) 1,2,4-Trimethylbenzene	10.860	105	3403	0.807	ug/L	99

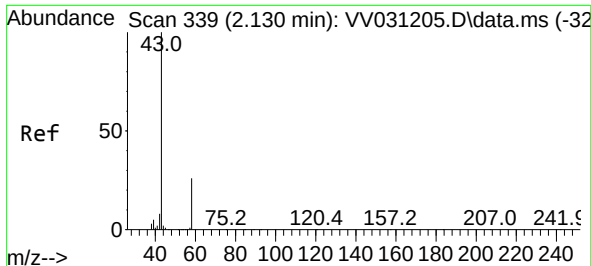
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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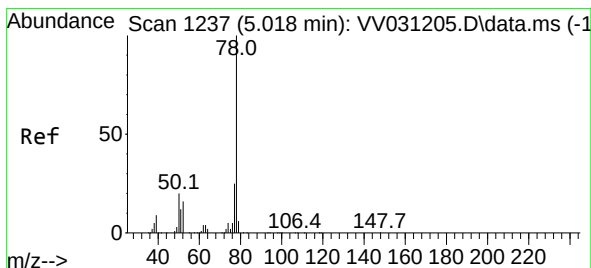
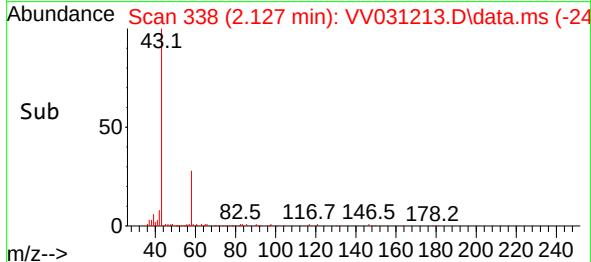
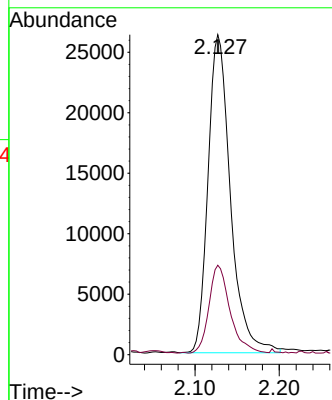
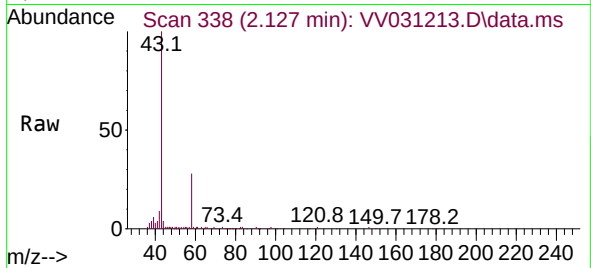




#13
Acetone
Concen: 44.431 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031213.D
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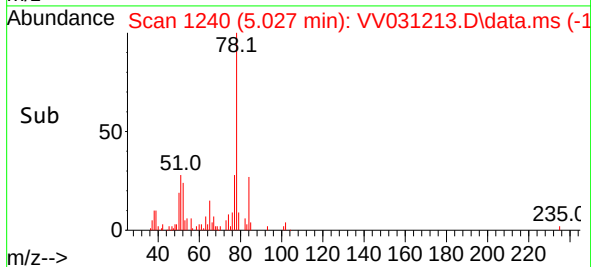
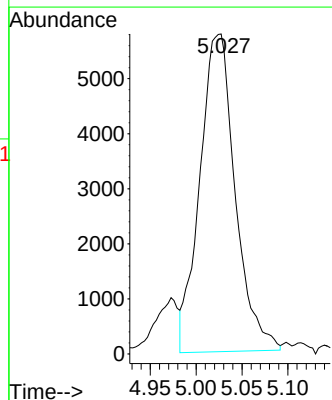
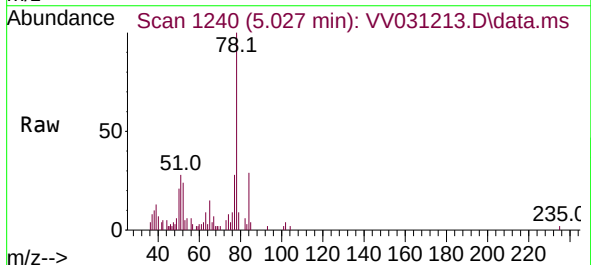
Instrument :
MSVOA_V
ClientSampleId :
GBX70

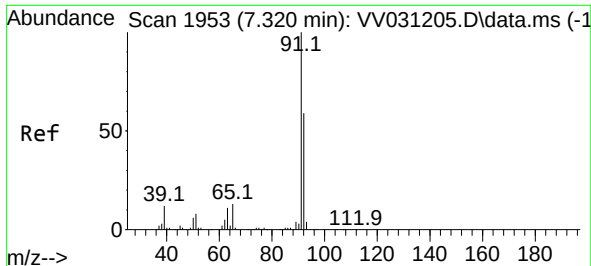
Tgt Ion: 43 Resp: 48673
Ion Ratio Lower Upper
43 100
58 25.9 0.0 54.0



#33
Benzene
Concen: 3.474 ug/L
RT: 5.027 min Scan# 1240
Delta R.T. 0.010 min
Lab File: VV031213.D
Acq: 24 May 2023 14:23

Tgt Ion: 78 Resp: 15490





#42

Toluene

Concen: 16.299 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031213.D

Acq: 24 May 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

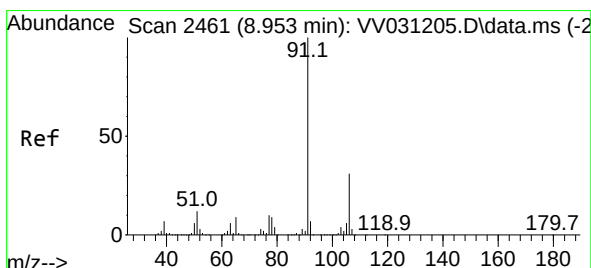
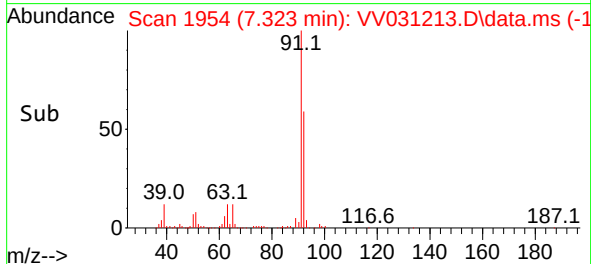
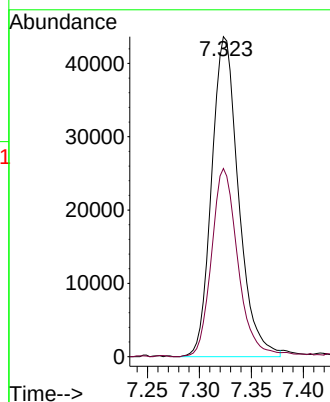
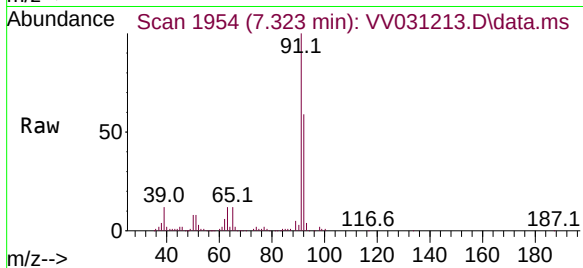
GBX70

Tgt Ion: 91 Resp: 78618

Ion Ratio Lower Upper

91 100

92 58.8 40.9 76.0



#52

Ethylbenzene

Concen: 4.911 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV031213.D

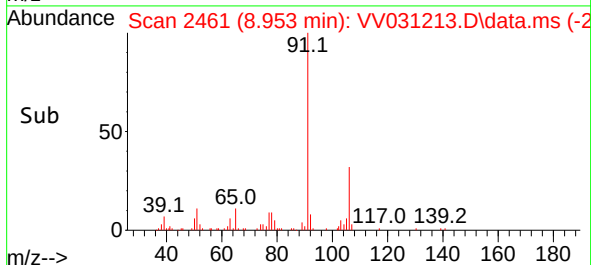
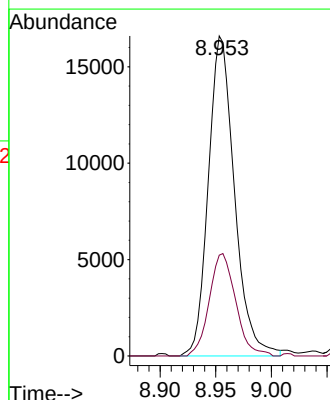
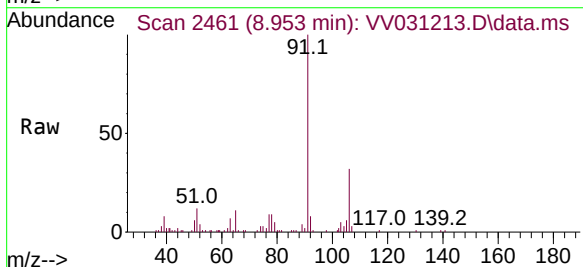
Acq: 24 May 2023 14:23

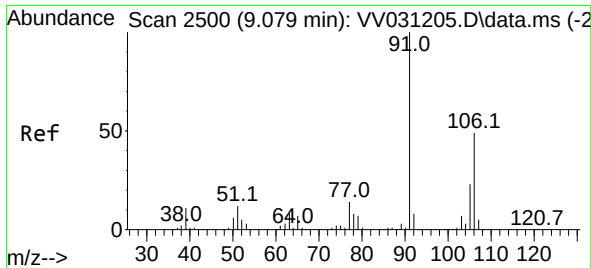
Tgt Ion: 91 Resp: 27120

Ion Ratio Lower Upper

91 100

106 31.5 21.5 39.9

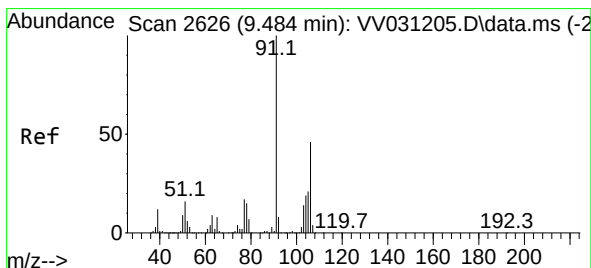
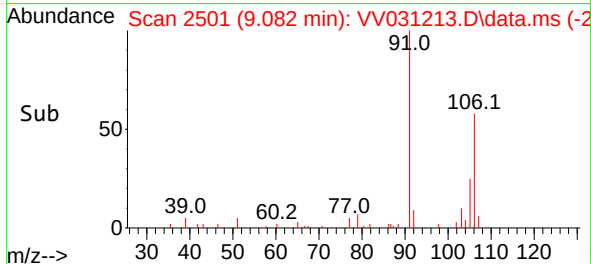
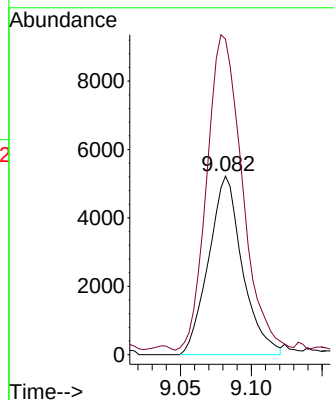
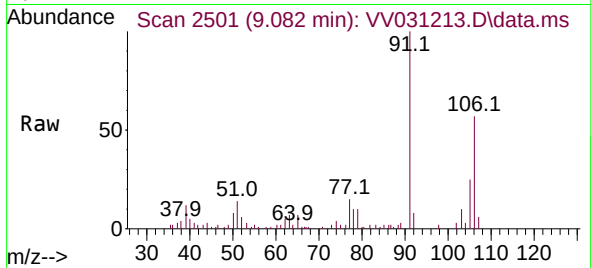




#53
m,p-Xylene
Concen: 4.035 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031213.D
Acq: 24 May 2023 14:23

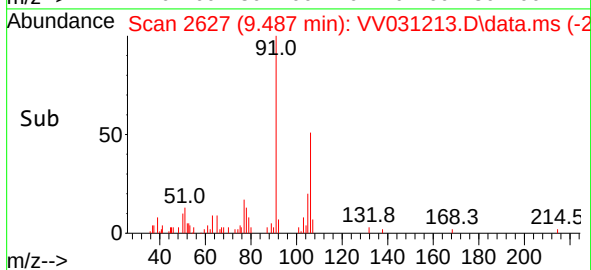
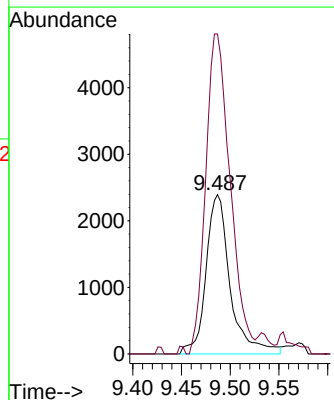
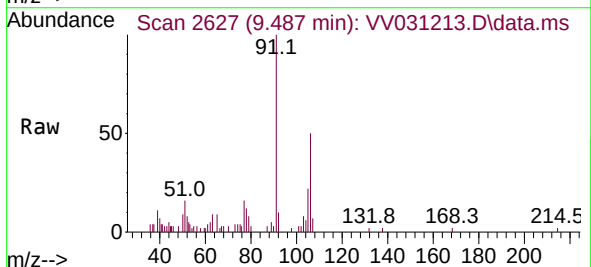
Instrument :
MSVOA_V
ClientSampleId :
GBX70

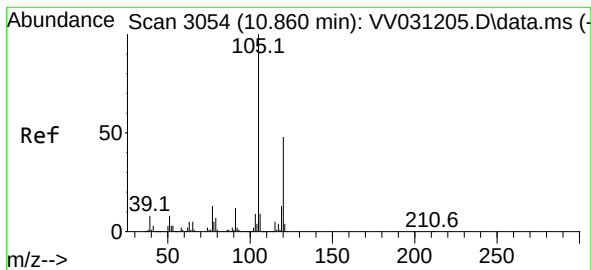
Tgt Ion:106 Resp: 8645
Ion Ratio Lower Upper
106 100
91 176.7 145.3 269.8



#54
o-Xylene
Concen: 1.956 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV031213.D
Acq: 24 May 2023 14:23

Tgt Ion:106 Resp: 4133
Ion Ratio Lower Upper
106 100
91 200.8 150.4 279.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.807 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV031213.D
 Acq: 24 May 2023 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX70

Tgt Ion:105 Resp: 3403
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.5 56.3

