

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032519.D
 Acq On : 20 Oct 2023 13:05
 Operator : SY/MD
 Sample : 04950-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49D1

Quant Time: Oct 20 23:06:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

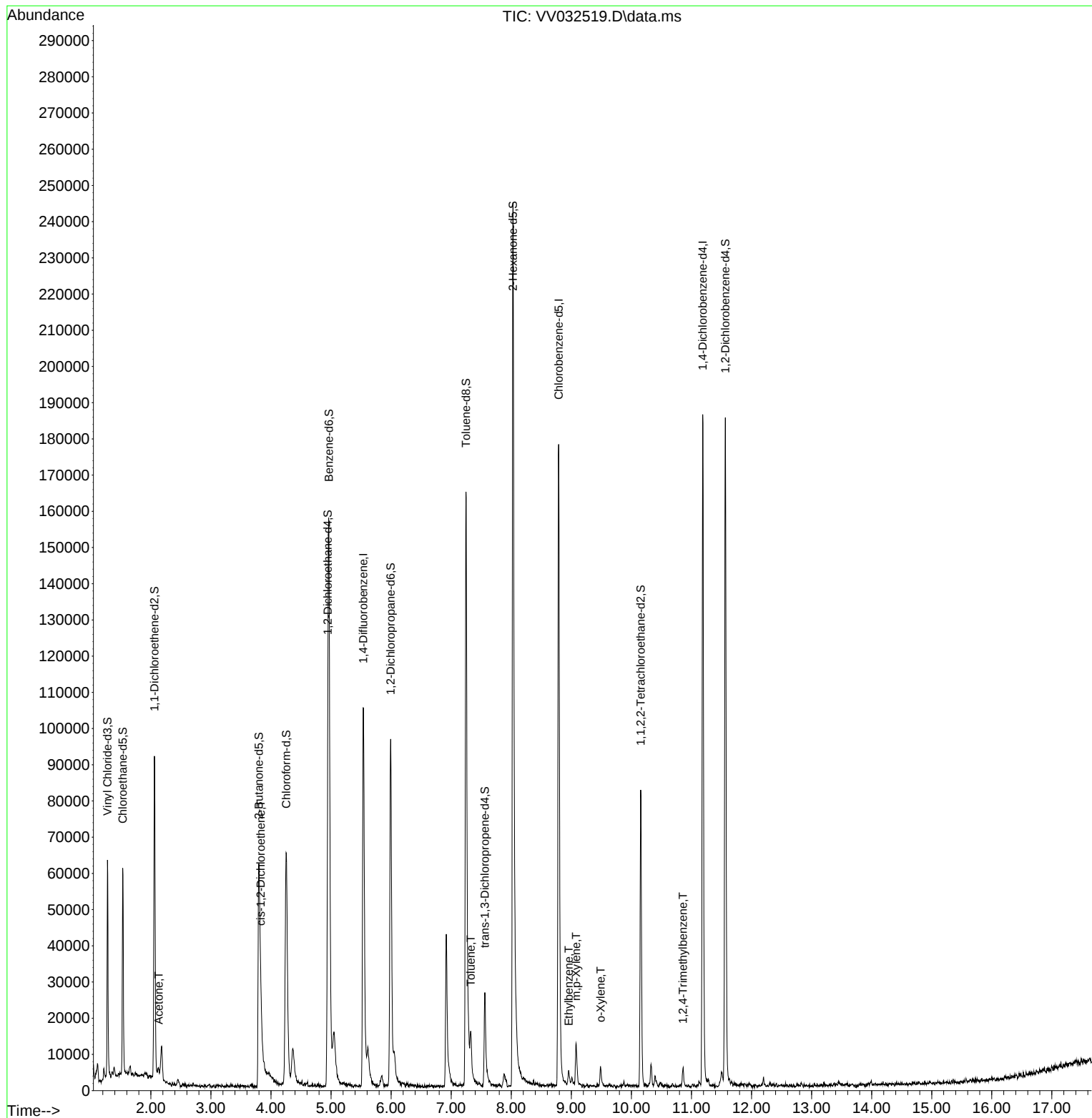
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	89261	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37587	5.178	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.532	69	36342	6.167	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 123.400%		
11) 1,1-Dichloroethene-d2	2.059	65	14925	4.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.400%		
20) 2-Butanone-d5	3.799	46	106909	58.216	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.440%		
24) Chloroform-d	4.252	84	68759	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
26) 1,2-Dichloroethane-d4	4.947	65	38067	6.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 125.600%		
32) Benzene-d6	4.963	84	137066	4.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.600%		
36) 1,2-Dichloropropane-d6	5.992	67	46013	4.694	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 93.800%		
41) Toluene-d8	7.246	98	119078	4.402	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.000%		
43) trans-1,3-Dichloroprop...	7.561	79	16848	4.851	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.000%		
46) 2-Hexanone-d5	8.027	63	92183	56.408	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 112.820%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39810	5.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 116.200%		
66) 1,2-Dichlorobenzene-d4	11.564	152	45388	5.283	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.600%		
Target Compounds						
						Qvalue
13) Acetone	2.130	43	3281	2.318	ug/L	92
22) cis-1,2-Dichloroethene	3.828	96	923	0.114	ug/L	88
42) Toluene	7.326	91	10808	0.286	ug/L	94
52) Ethylbenzene	8.956	91	2921	0.070	ug/L	91
53) m,p-Xylene	9.082	106	3842	0.247	ug/L	80
54) o-Xylene	9.487	106	1560	0.104	ug/L	78
63) 1,2,4-Trimethylbenzene	10.860	105	2831	0.097	ug/L	97

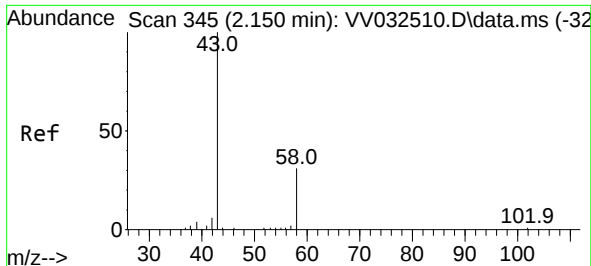
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.318 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.019 min

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ClientSampleId :

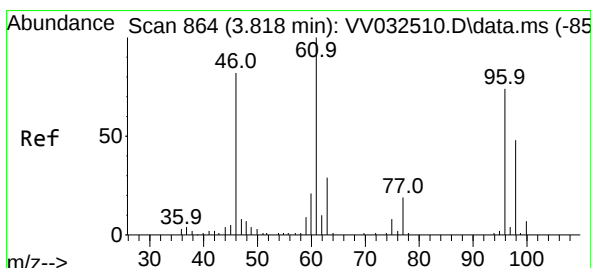
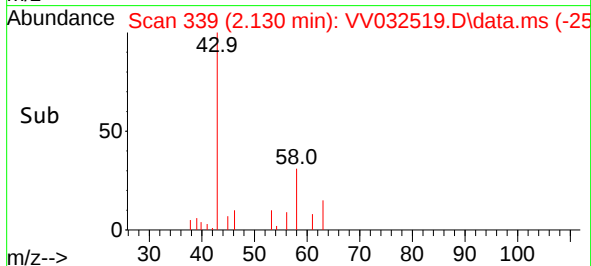
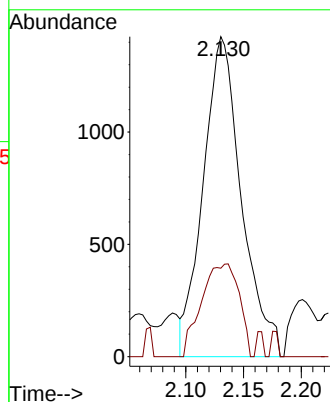
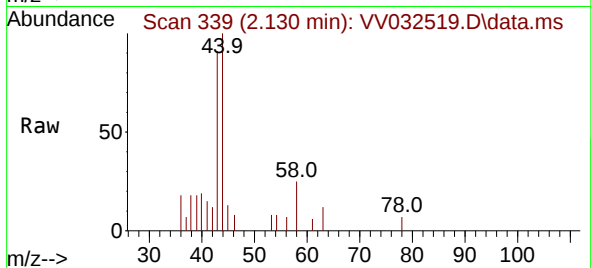
A49D1

Tgt Ion: 43 Resp: 3281

Ion Ratio Lower Upper

43 100

58 28.5 0.0 66.0



#22

cis-1,2-Dichloroethene

Concen: 0.114 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.010 min

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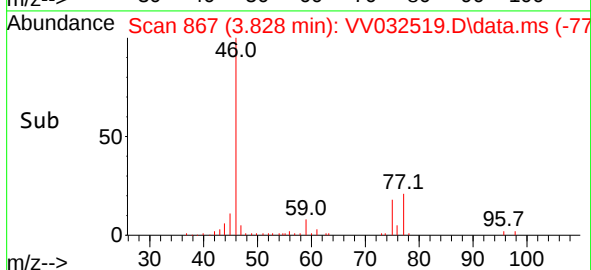
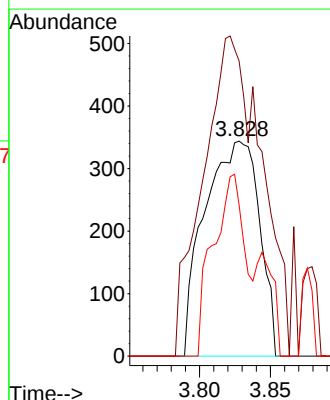
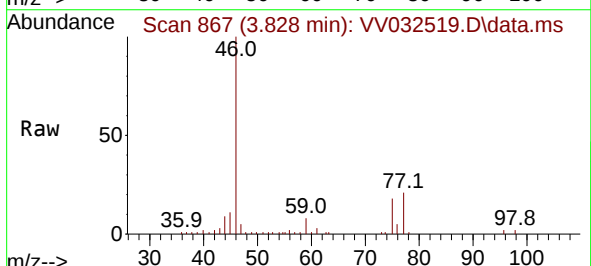
Tgt Ion: 96 Resp: 923

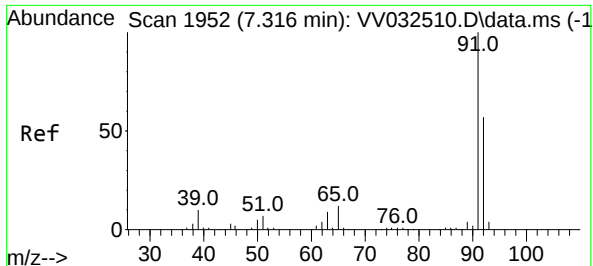
Ion Ratio Lower Upper

96 100

61 137.2 85.8 159.4

98 70.3 44.0 81.6





#42

Toluene

Concen: 0.286 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

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ClientSampleId :

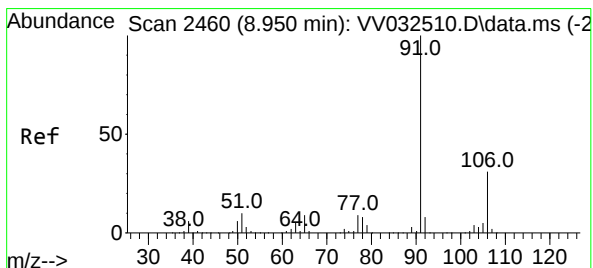
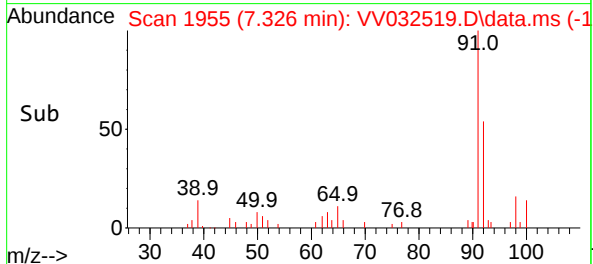
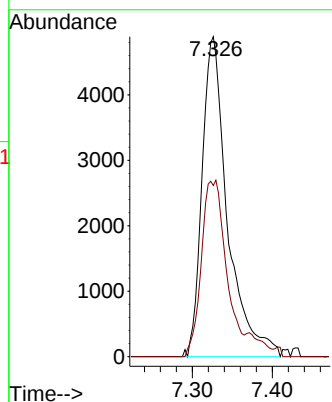
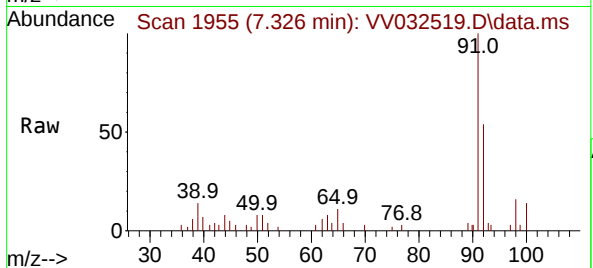
A49D1

Tgt Ion: 91 Resp: 10808

Ion Ratio Lower Upper

91 100

92 53.5 40.8 75.8



#52

Ethylbenzene

Concen: 0.070 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032519.D

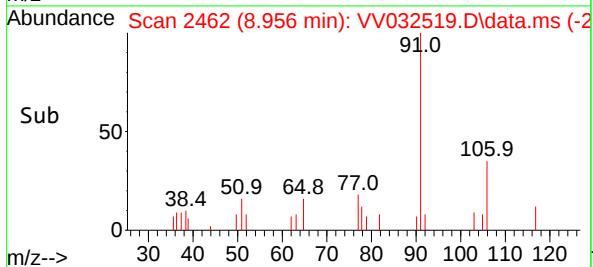
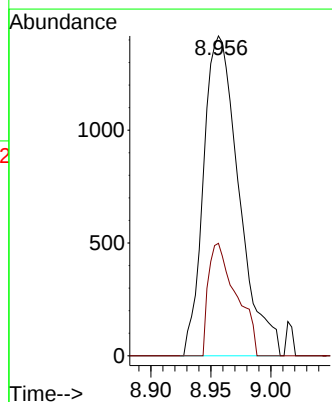
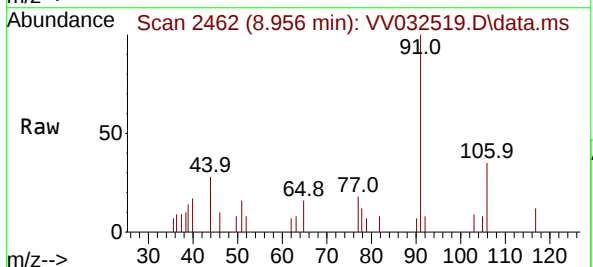
Acq: 20 Oct 2023 13:05

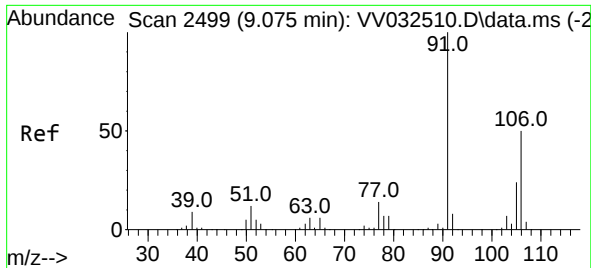
Tgt Ion: 91 Resp: 2921

Ion Ratio Lower Upper

91 100

106 35.2 21.3 39.5

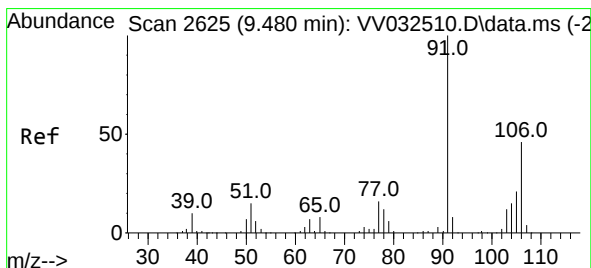
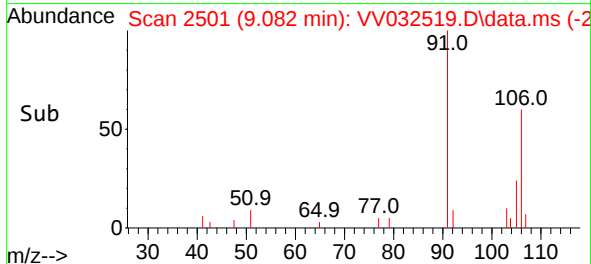
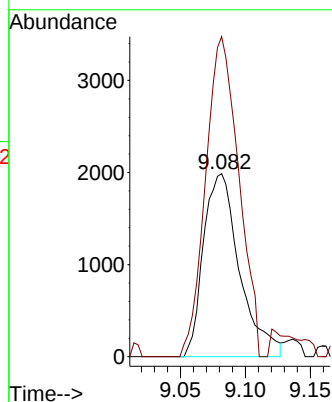
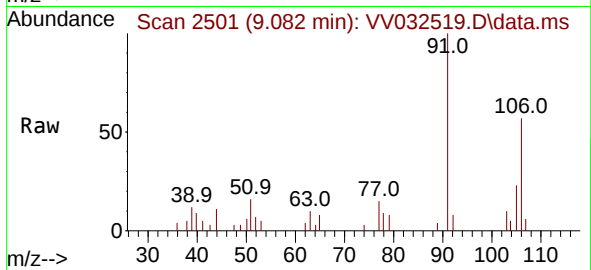




#53
m,p-Xylene
Concen: 0.247 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032519.D
Acq: 20 Oct 2023 13:05

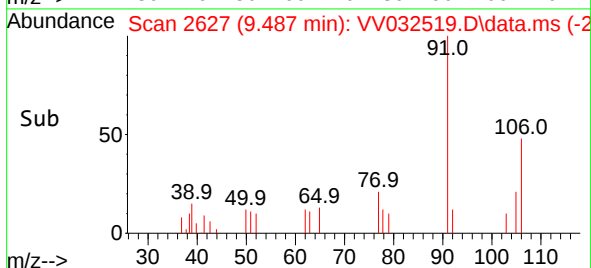
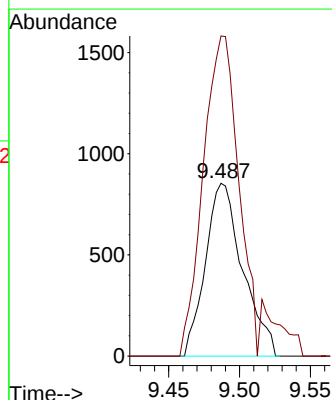
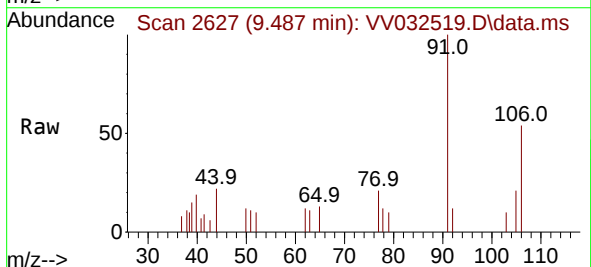
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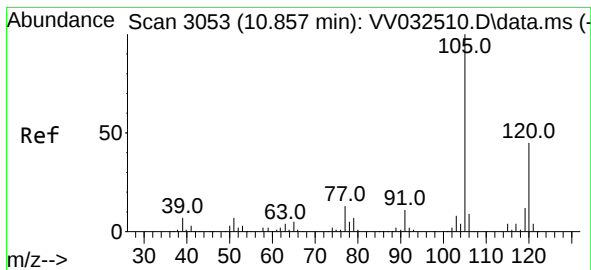
Tgt Ion:106 Resp: 3842
Ion Ratio Lower Upper
106 100
91 174.8 144.5 268.3



#54
o-Xylene
Concen: 0.104 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032519.D
Acq: 20 Oct 2023 13:05

Tgt Ion:106 Resp: 1560
Ion Ratio Lower Upper
106 100
91 185.2 154.8 287.4





#63

1,2,4-Trimethylbenzene

Concen: 0.097 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV032519.D

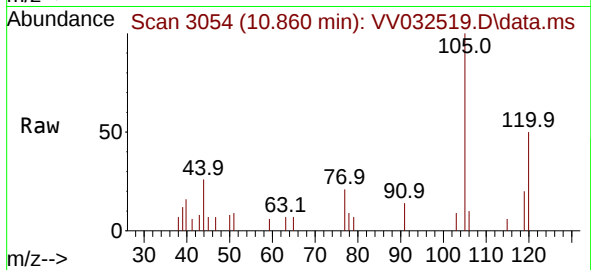
Acq: 20 Oct 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

A49D1



Tgt Ion:105 Resp: 2831

Ion Ratio Lower Upper

105 100

120 46.9 36.2 54.4

