

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032513.D
 Acq On : 20 Oct 2023 10:39
 Operator : SY/MD
 Sample : 04950-24
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49M7

Quant Time: Oct 20 23:04:28 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)

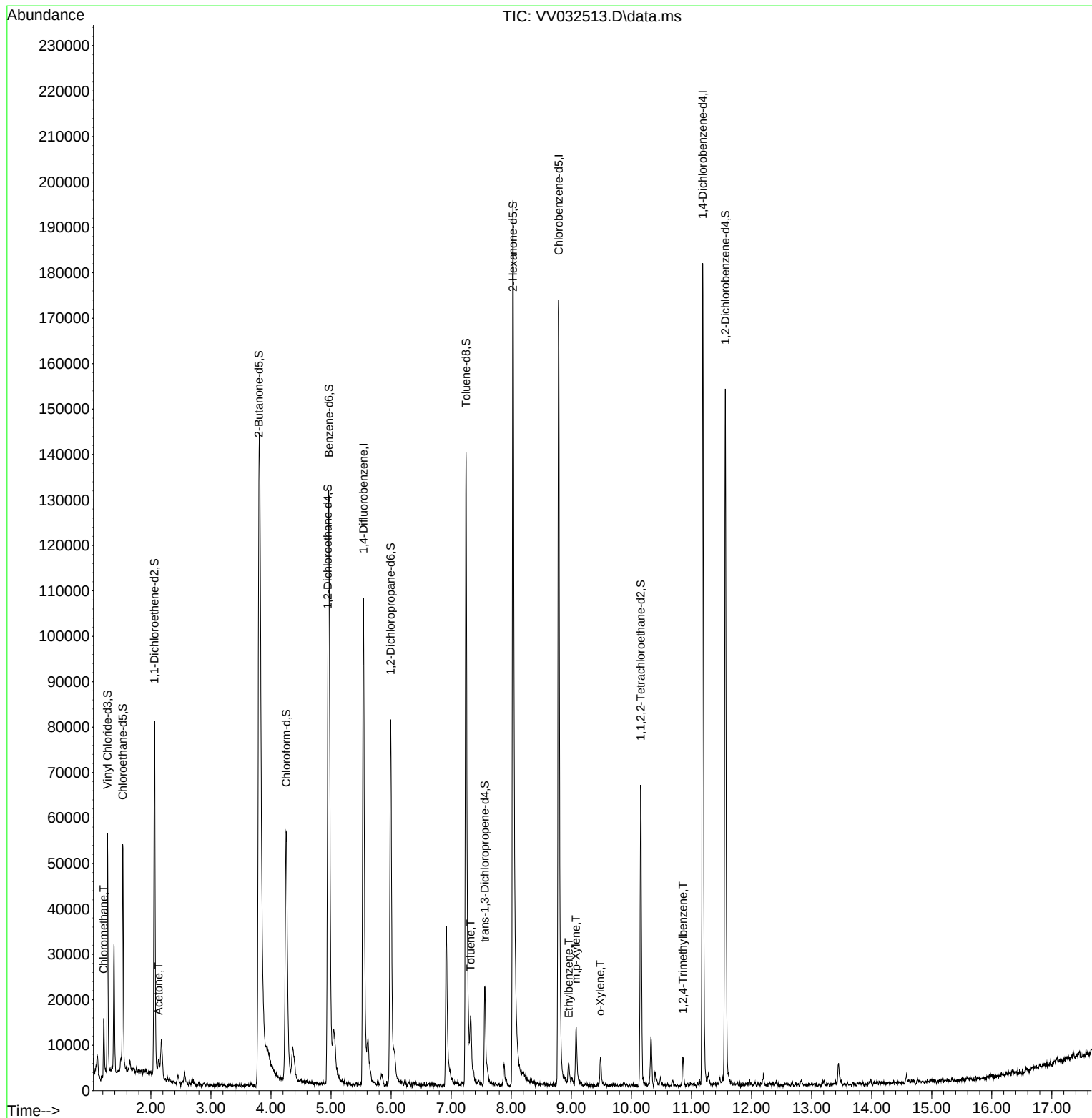
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	88735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	96710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33236	4.605	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.532	69	30831	5.263	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12881	4.232	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.600%	
20) 2-Butanone-d5	3.799	46	89937	49.265	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.520%	
24) Chloroform-d	4.253	84	58504	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	4.947	65	32163	5.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	4.963	84	116135	4.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	5.992	67	42176	4.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.246	98	100152	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.561	79	14034	4.201	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.027	63	72157	45.903	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.800%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31882	4.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	38046	4.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	8847	0.888	ug/L	100
13) Acetone	2.127	43	3499	2.487	ug/L	99
42) Toluene	7.323	91	11284	0.311	ug/L	97
52) Ethylbenzene	8.957	91	3616	0.089	ug/L	99
53) m,p-Xylene	9.079	106	3648	0.243	ug/L	93
54) o-Xylene	9.481	106	1668	0.115	ug/L	91
63) 1,2,4-Trimethylbenzene	10.860	105	3222	0.115	ug/L	92

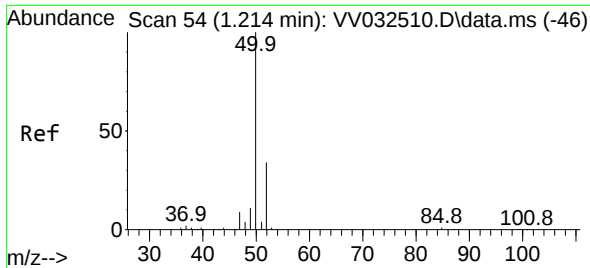
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

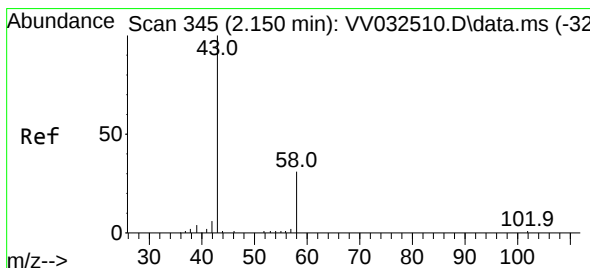
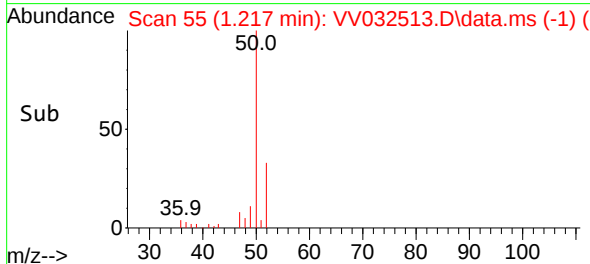
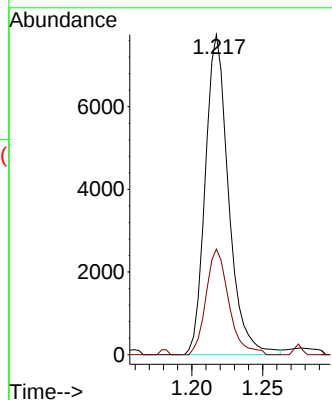
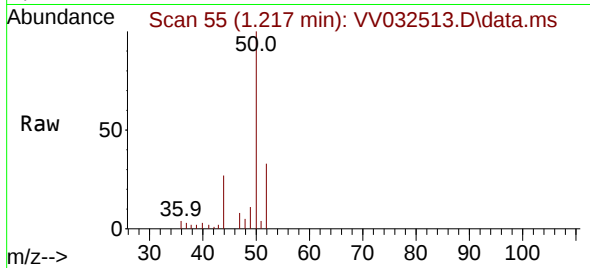




#3
Chloromethane
Concen: 0.888 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032513.D
Acq: 20 Oct 2023 10:39

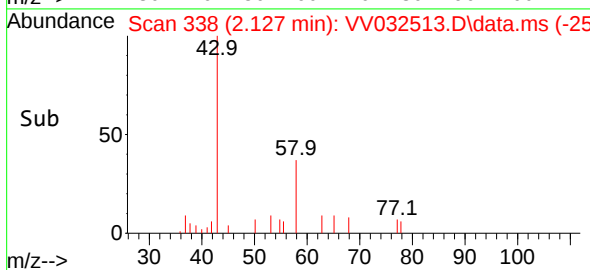
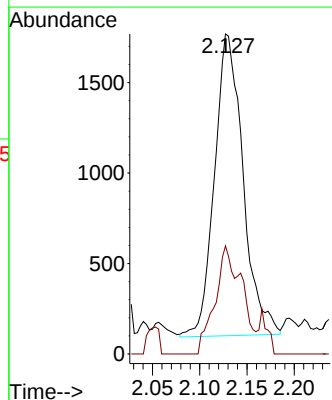
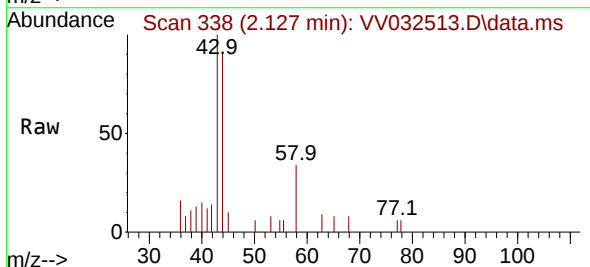
Instrument :
MSVOA_V
ClientSampleId :
A49M7

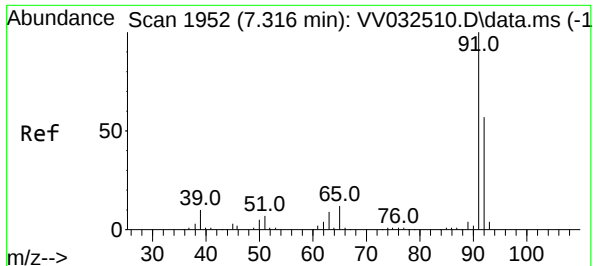
Tgt Ion: 50 Resp: 8847
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.6



#13
Acetone
Concen: 2.487 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.022 min
Lab File: VV032513.D
Acq: 20 Oct 2023 10:39

Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
58 33.6 0.0 66.0





#42

Toluene

Concen: 0.311 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.007 min

Lab File: VV032513.D

Acq: 20 Oct 2023 10:39

Instrument :

MSVOA_V

ClientSampleId :

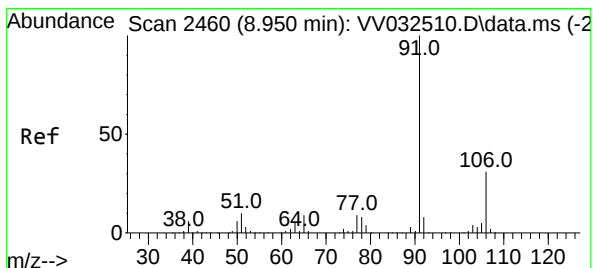
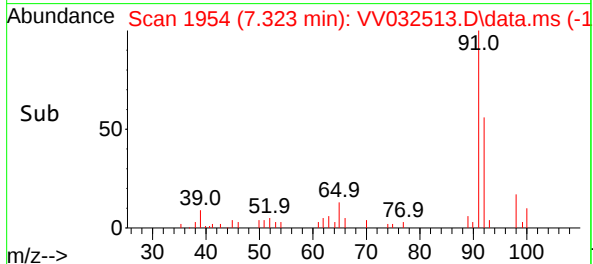
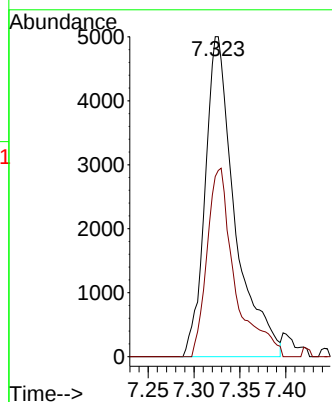
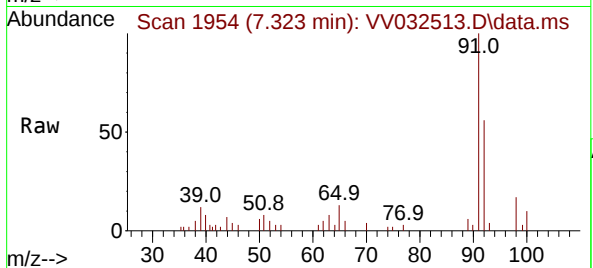
A49M7

Tgt Ion: 91 Resp: 11284

Ion Ratio Lower Upper

91 100

92 56.3 40.8 75.8



#52

Ethylbenzene

Concen: 0.089 ug/L

RT: 8.957 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032513.D

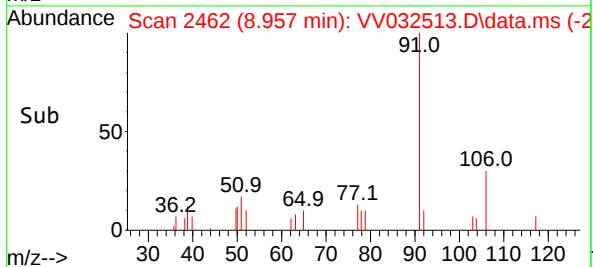
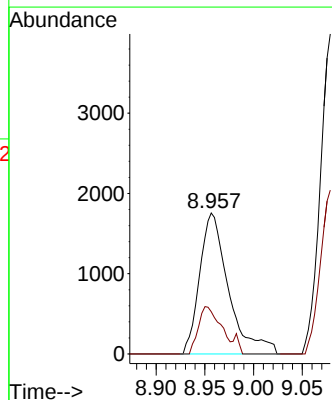
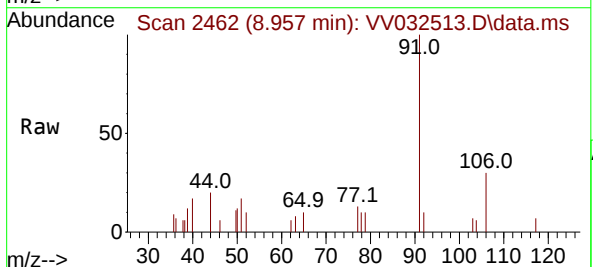
Acq: 20 Oct 2023 10:39

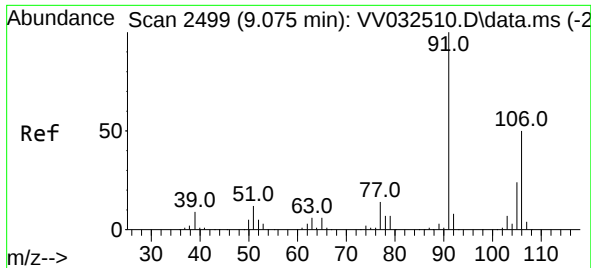
Tgt Ion: 91 Resp: 3616

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5

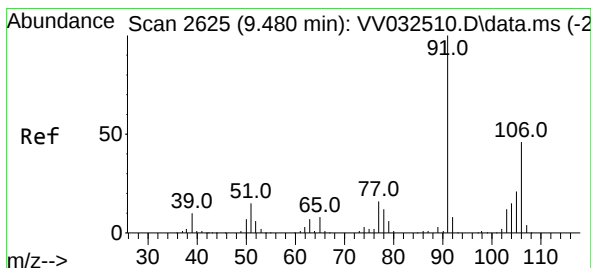
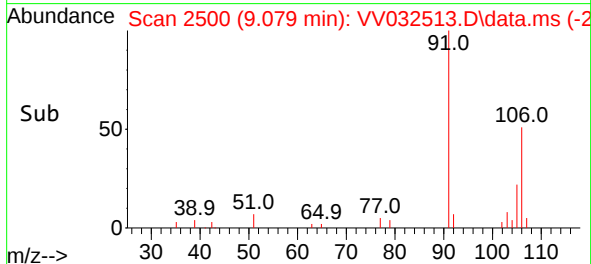
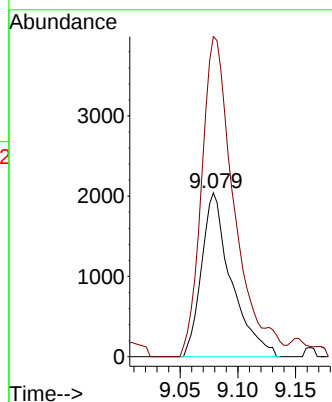
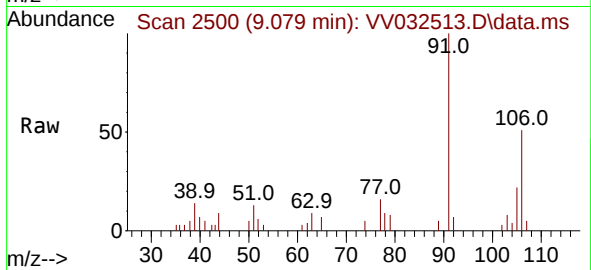




#53
m,p-Xylene
Concen: 0.243 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032513.D
Acq: 20 Oct 2023 10:39

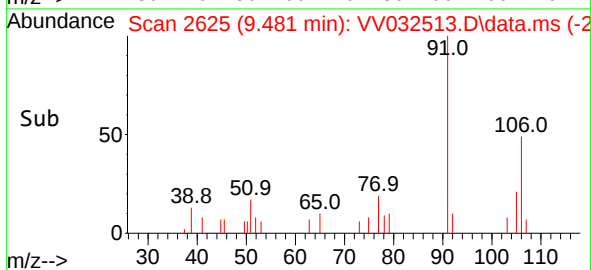
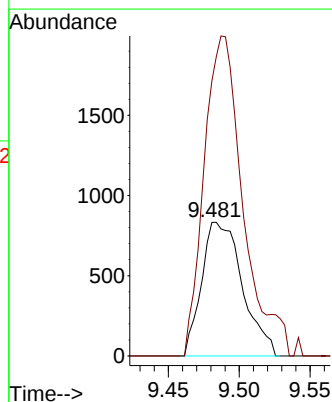
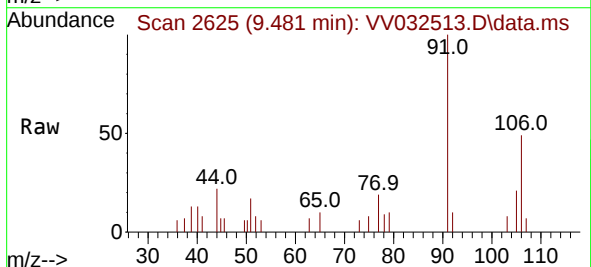
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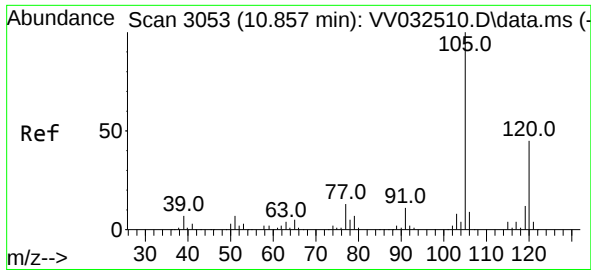
Tgt Ion:106 Resp: 3648
Ion Ratio Lower Upper
106 100
91 195.4 144.5 268.3



#54
o-Xylene
Concen: 0.115 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032513.D
Acq: 20 Oct 2023 10:39

Tgt Ion:106 Resp: 1668
Ion Ratio Lower Upper
106 100
91 205.9 154.8 287.4





#63

1,2,4-Trimethylbenzene

Concen: 0.115 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV032513.D

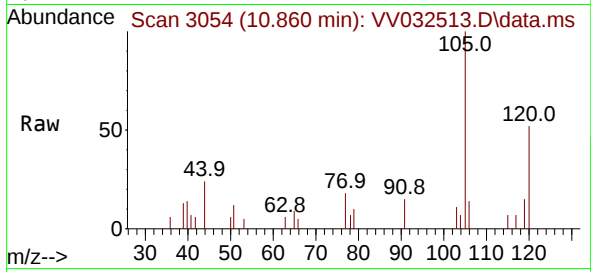
Acq: 20 Oct 2023 10:39

Instrument :

MSVOA_V

ClientSampleId :

A49M7



Tgt Ion:105 Resp: 3222

Ion Ratio Lower Upper

105 100

120 50.2 36.2 54.4

