

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032455.D
 Acq On : 17 Oct 2023 19:07
 Operator : SY/MD
 Sample : 04903-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 06:07:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

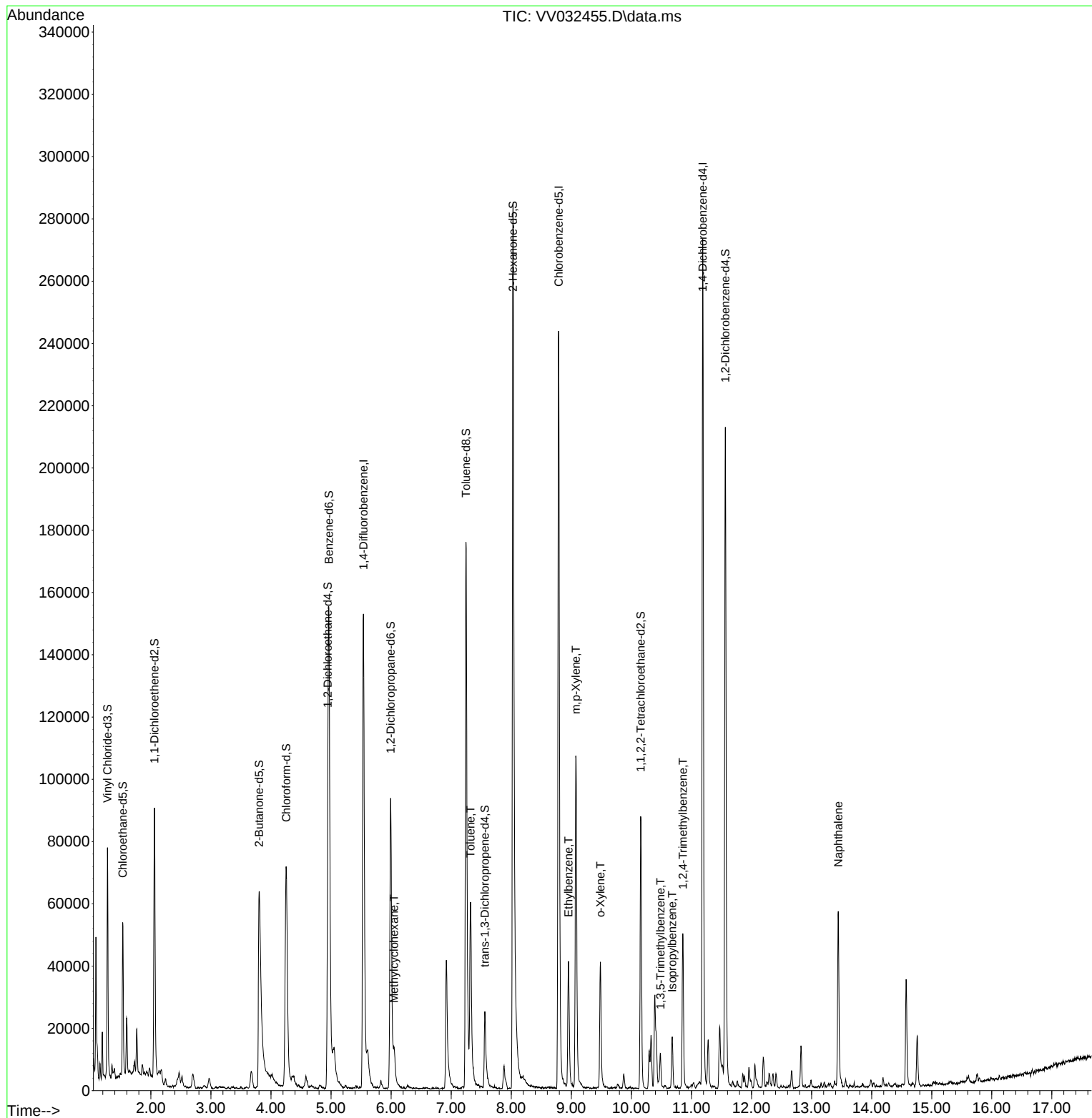
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	133331	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	140724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	69468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34643	3.195	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.800%	
7) Chloroethane-d5	1.532	69	31269	3.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.000%	
11) 1,1-Dichloroethene-d2	2.060	65	14873	3.252	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.802	46	127595	46.515	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.040%	
24) Chloroform-d	4.252	84	77614	4.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
26) 1,2-Dichloroethane-d4	4.947	65	39598	4.370	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	4.963	84	138796	3.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.000%#	
36) 1,2-Dichloropropane-d6	5.992	67	47730	3.479	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	69.600%	
41) Toluene-d8	7.246	98	126418	3.339	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.800%#	
43) trans-1,3-Dichloroprop...	7.561	79	17076	3.512	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.200%	
46) 2-Hexanone-d5	8.030	63	109524	47.882	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.760%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42936	4.474	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	53642	4.161	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.200%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.050	83	2593	0.124	ug/L #	67
42) Toluene	7.323	91	48150	0.912	ug/L	94
52) Ethylbenzene	8.953	91	31931	0.543	ug/L	97
53) m,p-Xylene	9.079	106	32253	1.479	ug/L	100
54) o-Xylene	9.484	106	11442	0.544	ug/L	91
60) Isopropylbenzene	10.680	105	10568	0.196	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	5936	0.135	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	27645	0.631	ug/L	100
71) Naphthalene	13.445	128	45659	1.604	ug/L	99

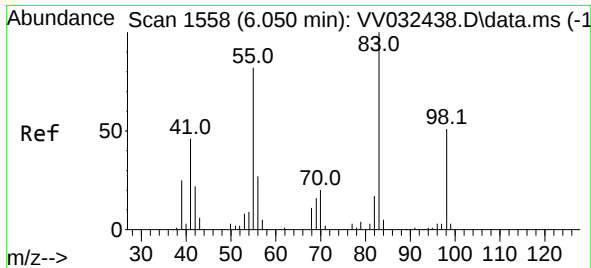
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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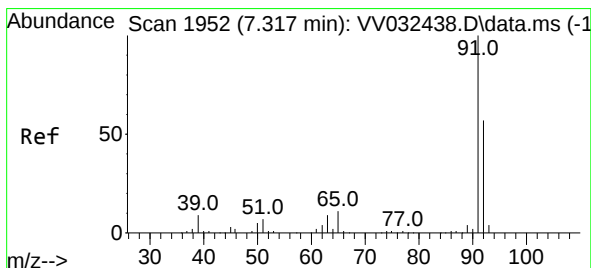
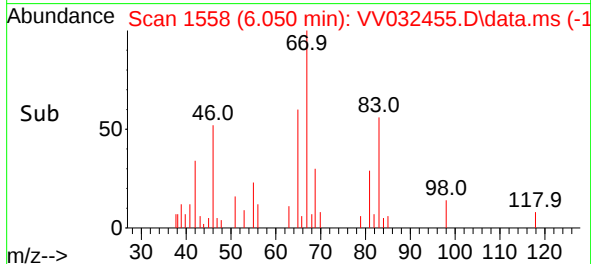
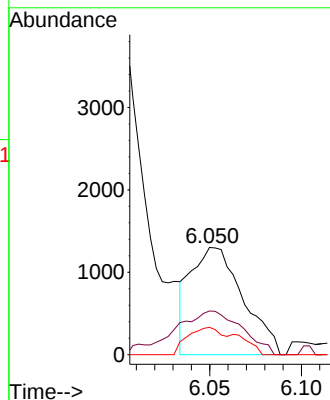
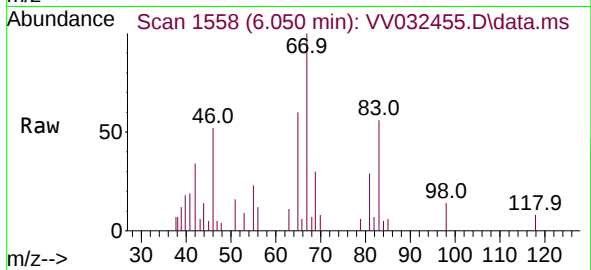




#35
Methylcyclohexane
Concen: 0.124 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032455.D
Acq: 17 Oct 2023 19:07

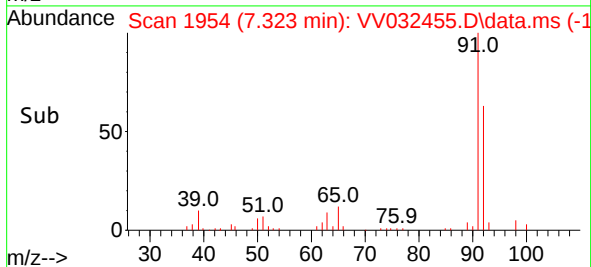
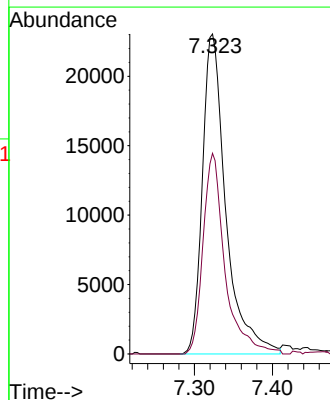
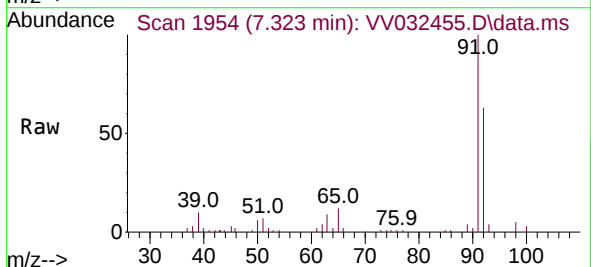
Instrument :
MSVOA_V
ClientSampleId :

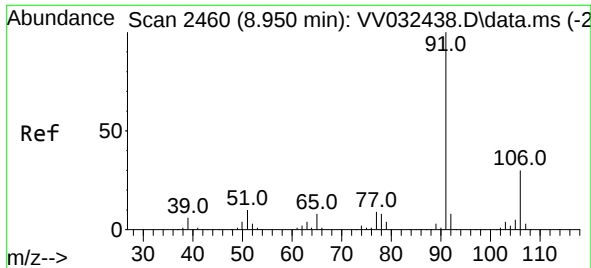
Tgt Ion: 83 Resp: 2593
Ion Ratio Lower Upper
83 100
55 53.1 64.2 96.2#
98 24.1 39.6 59.4#



#42
Toluene
Concen: 0.912 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.007 min
Lab File: VV032455.D
Acq: 17 Oct 2023 19:07

Tgt Ion: 91 Resp: 48150
Ion Ratio Lower Upper
91 100
92 62.7 40.8 75.8

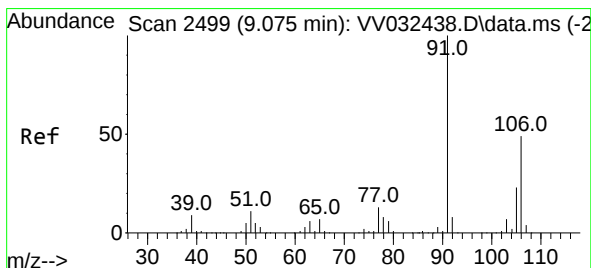
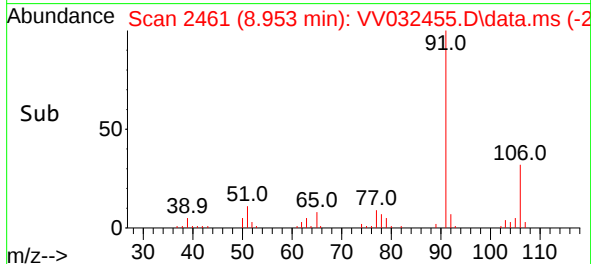
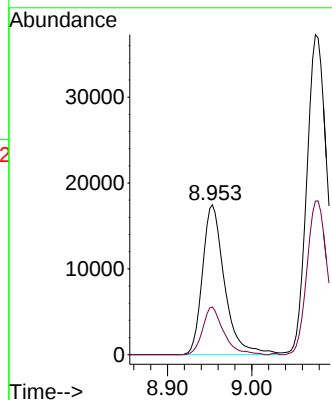
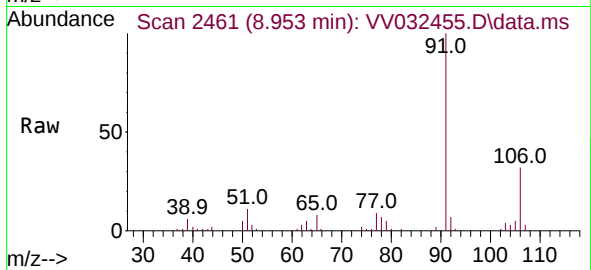




#52
Ethylbenzene
Concen: 0.543 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032455.D
Acq: 17 Oct 2023 19:07

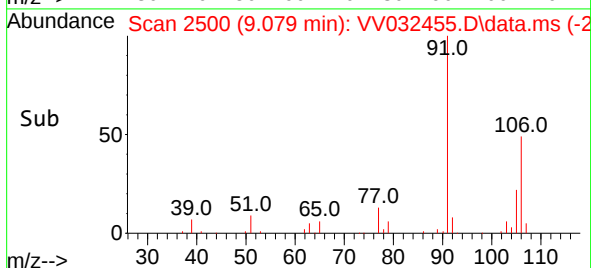
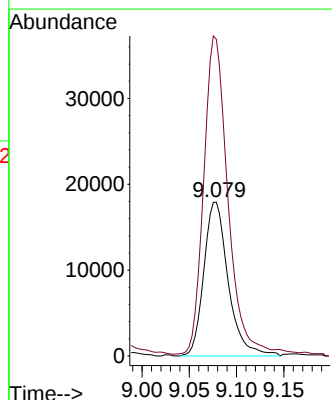
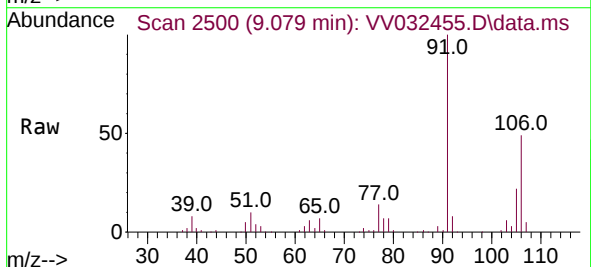
Instrument :
MSVOA_V
ClientSampleId :

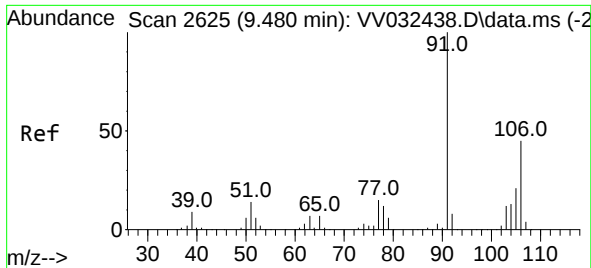
Tgt Ion: 91 Resp: 31931
Ion Ratio Lower Upper
91 100
106 31.8 21.3 39.5



#53
m,p-Xylene
Concen: 1.479 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032455.D
Acq: 17 Oct 2023 19:07

Tgt Ion: 106 Resp: 32253
Ion Ratio Lower Upper
106 100
91 205.8 144.5 268.3

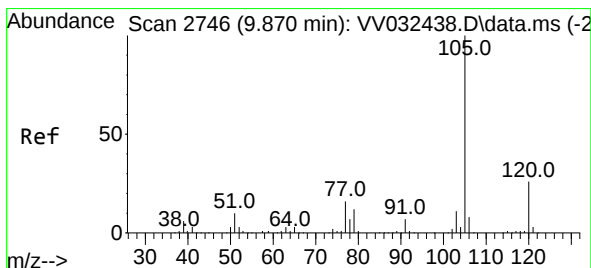
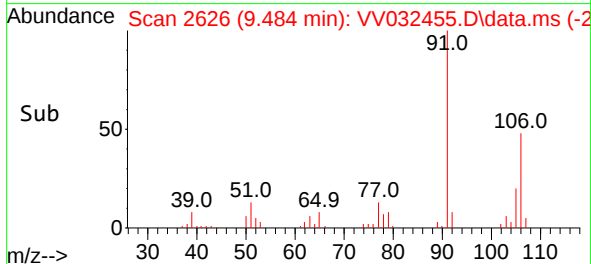
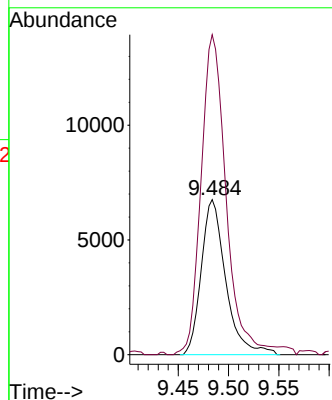
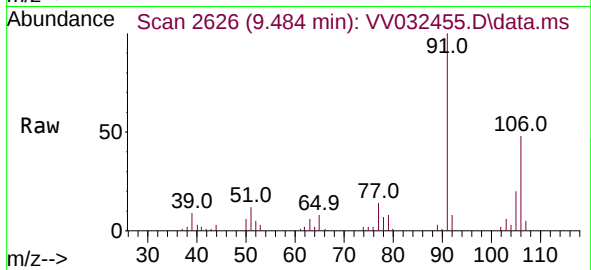




#54
o-Xylene
Concen: 0.544 ug/L
RT: 9.484 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV032455.D
Acq: 17 Oct 2023 19:07

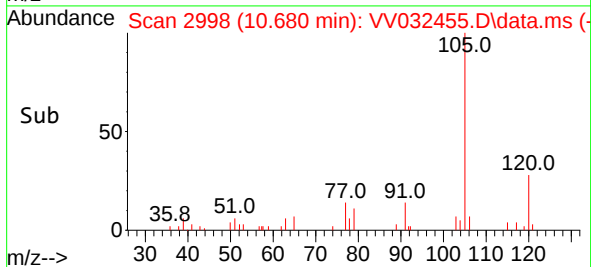
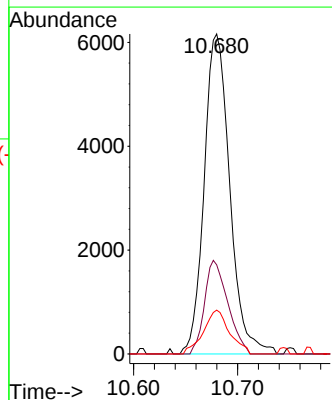
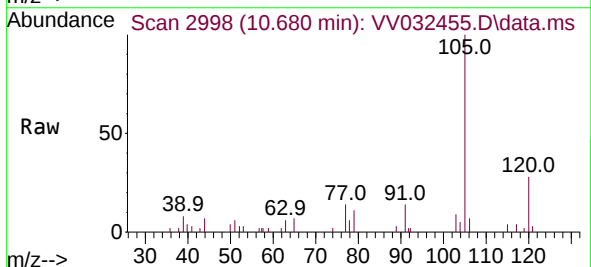
Instrument :
MSVOA_V
ClientSampleId :

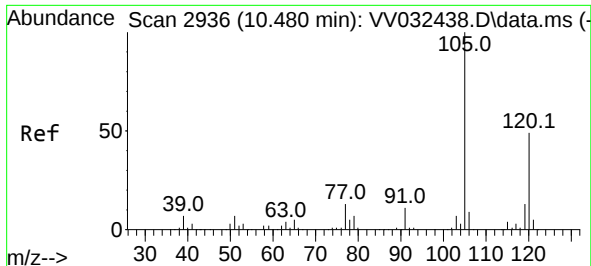
Tgt Ion:106 Resp: 11442
Ion Ratio Lower Upper
106 100
91 206.5 154.8 287.4



#60
Isopropylbenzene
Concen: 0.196 ug/L
RT: 10.680 min Scan# 2998
Delta R.T. 0.810 min
Lab File: VV032455.D
Acq: 17 Oct 2023 19:07

Tgt Ion:105 Resp: 10568
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 13.9 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 0.135 ug/L

RT: 10.484 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV032455.D

Acq: 17 Oct 2023 19:07

Instrument :

MSVOA_V

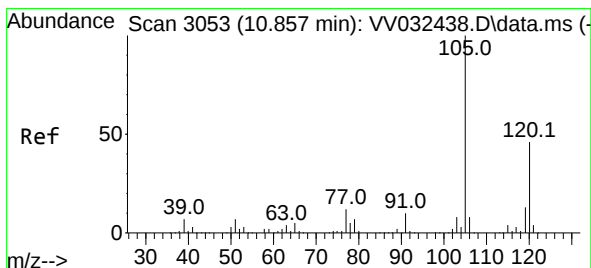
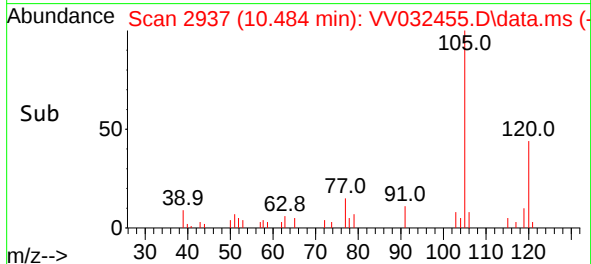
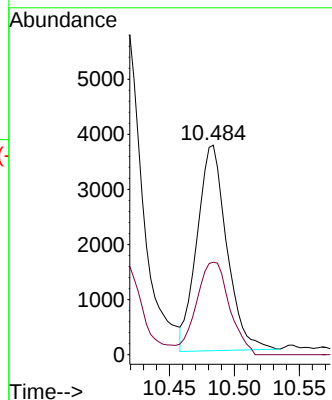
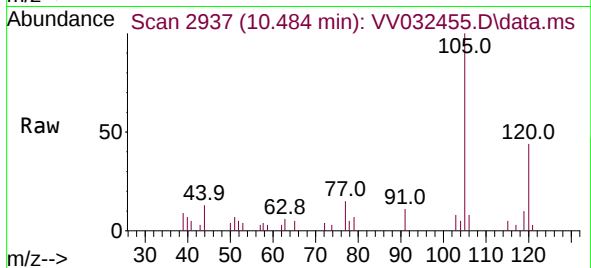
ClientSampleId :

Tgt Ion:105 Resp: 5936

Ion Ratio Lower Upper

105 100

120 50.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.631 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV032455.D

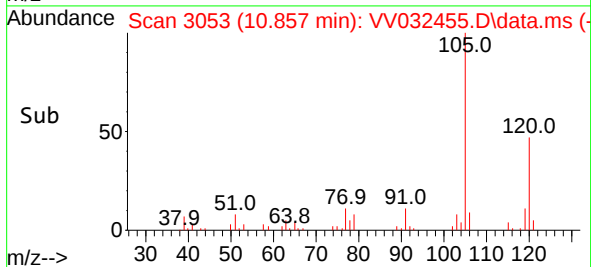
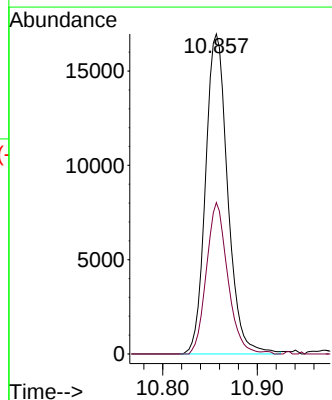
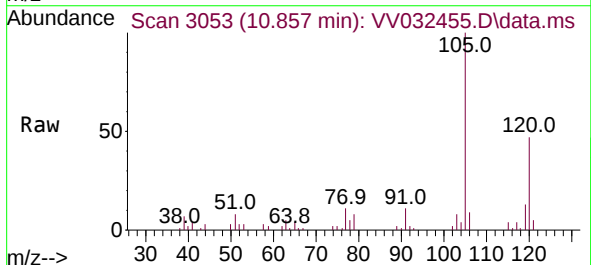
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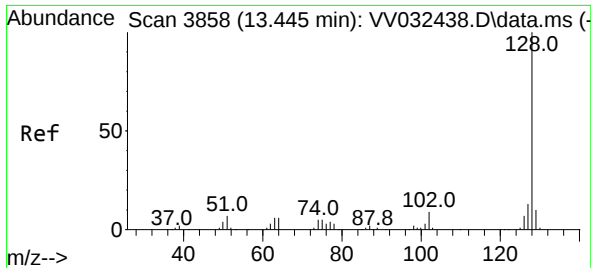
Tgt Ion:105 Resp: 27645

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4





#71

Naphthalene

Concen: 1.604 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

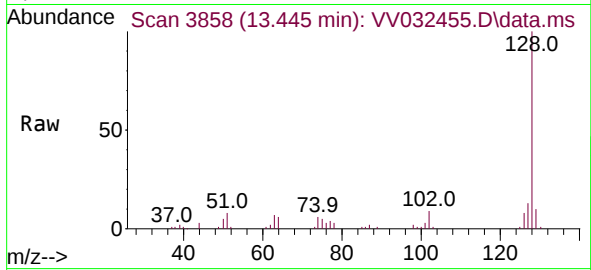
Lab File: VV032455.D

Acq: 17 Oct 2023 19:07

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MSVOA_V

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Tgt Ion:128 Resp: 45659

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.3 10.2 15.2

