

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
 Data File : VV027889.D
 Acq On : 16 Sep 2022 18:27
 Operator : SY/MD
 Sample : N4672-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EB1

Quant Time: Sep 16 22:10:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

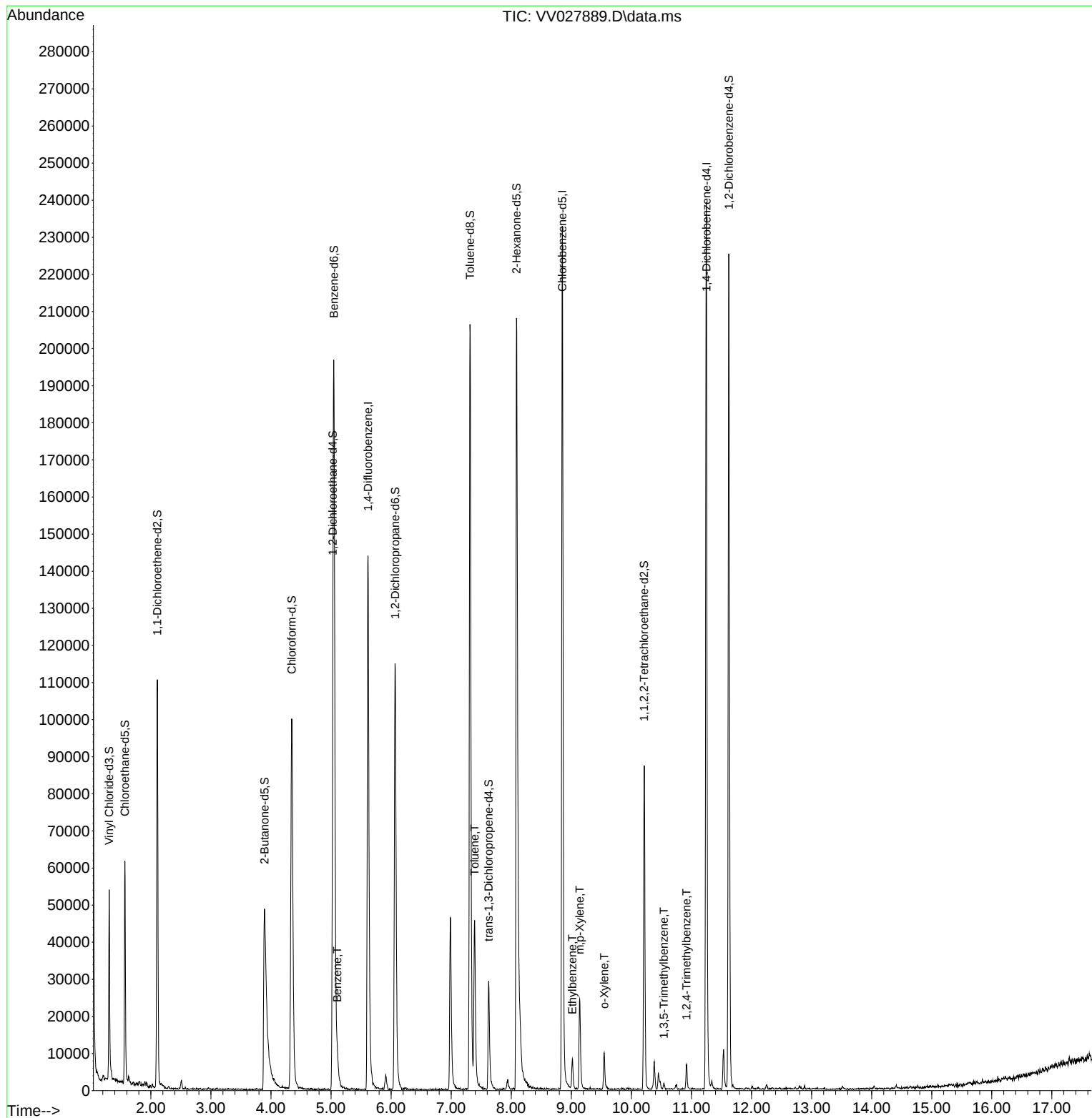
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133688	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	134387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34251	3.887	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.568	69	39431	5.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2	2.108	63	56473	3.020	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.400%	
20) 2-Butanone-d5	3.892	46	100985	51.709	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.420%	
24) Chloroform-d	4.346	84	106797	5.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.400%	
26) 1,2-Dichloroethane-d4	5.031	65	55210	5.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.000%	
32) Benzene-d6	5.047	84	183761	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.066	67	51107	4.477	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.314	98	146662	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	7.622	79	17962	4.691	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.088	63	73398	51.564	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.120%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38622	5.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59515	5.205	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
						Qvalue
33) Benzene	5.105	78	6665	0.150	ug/L	100
42) Toluene	7.391	91	34282	0.797	ug/L	99
52) Ethylbenzene	9.018	91	5984	0.134	ug/L	97
53) m,p-Xylene	9.140	106	7971	0.454	ug/L	83
54) o-Xylene	9.548	106	2936	0.176	ug/L	88
62) 1,3,5-Trimethylbenzene	10.542	105	1190	0.097	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	4282	0.123	ug/L	99

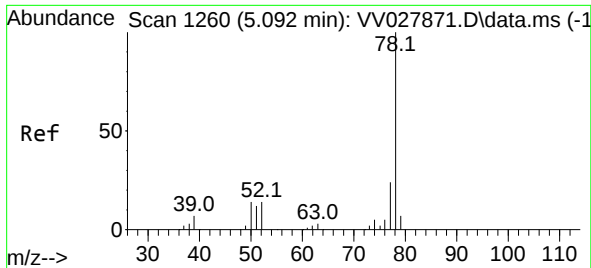
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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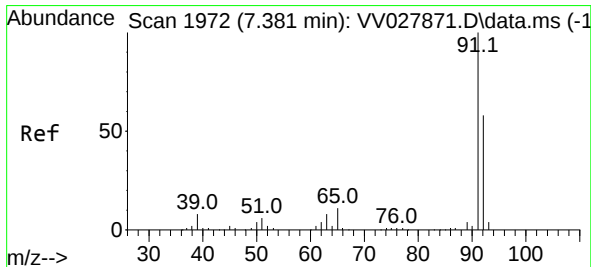
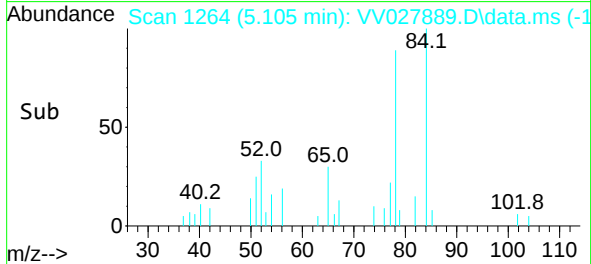
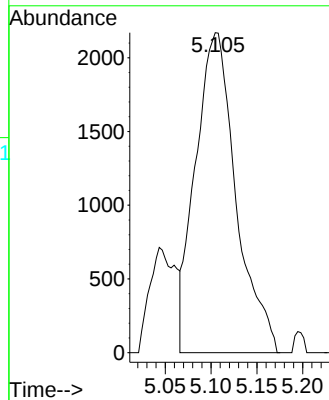
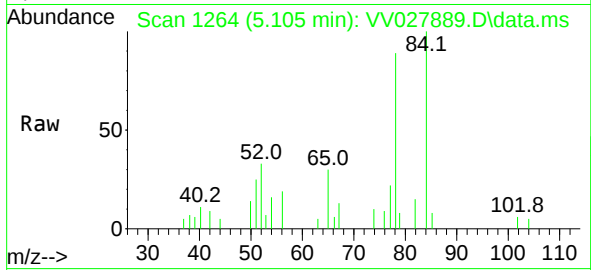




#33
Benzene
Concen: 0.150 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV027889.D
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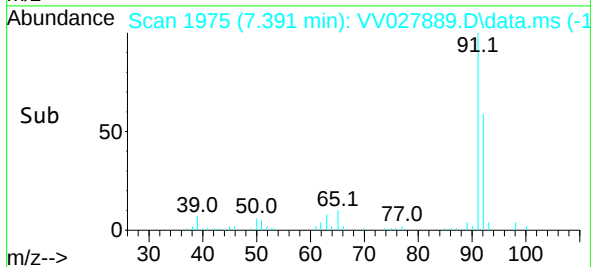
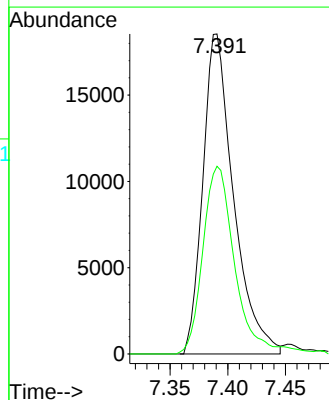
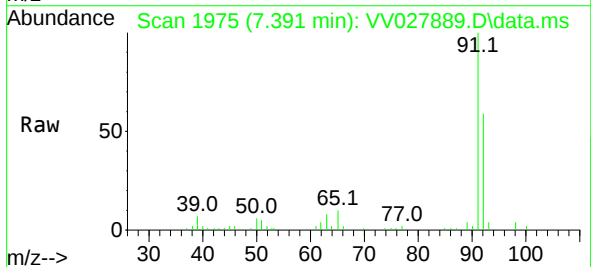
Instrument :
MSVOA_V
ClientSampleId :
C0EB1

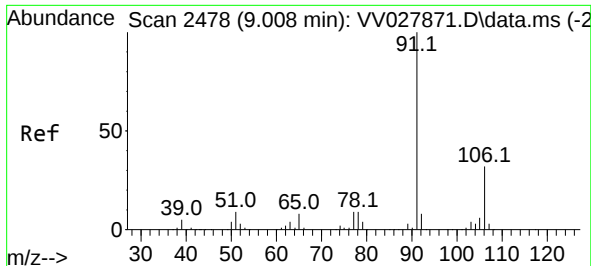
Tgt Ion: 78 Resp: 6665



#42
Toluene
Concen: 0.797 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV027889.D
Acq: 16 Sep 2022 18:27

Tgt Ion: 91 Resp: 34282
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8





#52

Ethylbenzene

Concen: 0.134 ug/L

RT: 9.018 min Scan# 2478

Delta R.T. 0.010 min

Lab File: VV027889.D

Acq: 16 Sep 2022 18:27

Instrument :

MSVOA_V

ClientSampleId :

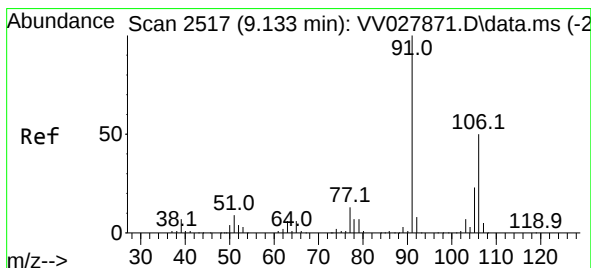
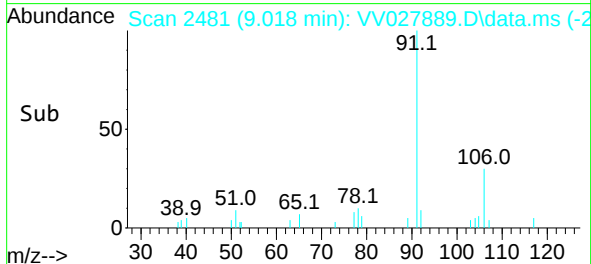
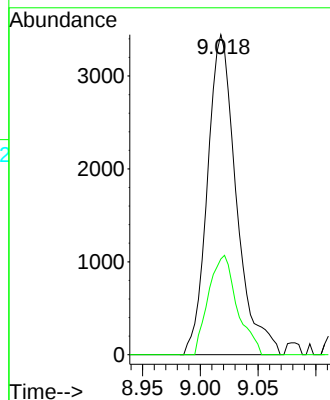
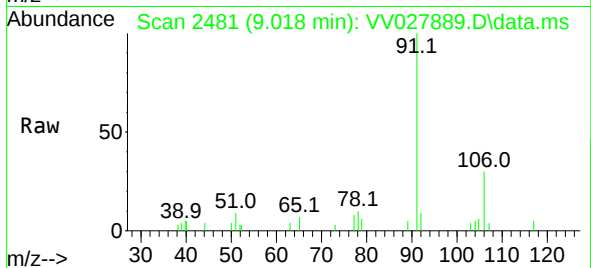
C0EB1

Tgt Ion: 91 Resp: 5984

Ion Ratio Lower Upper

91 100

106 29.9 22.0 40.8



#53

m,p-Xylene

Concen: 0.454 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.007 min

Lab File: VV027889.D

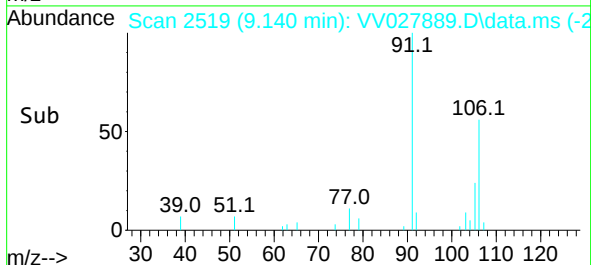
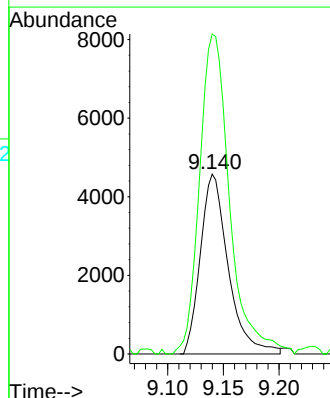
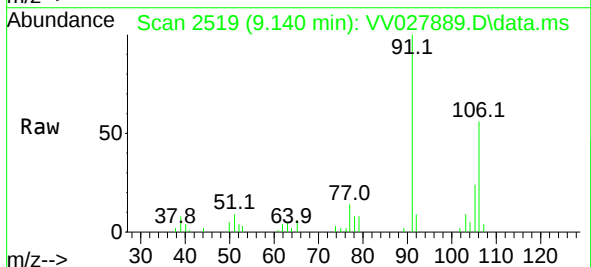
Acq: 16 Sep 2022 18:27

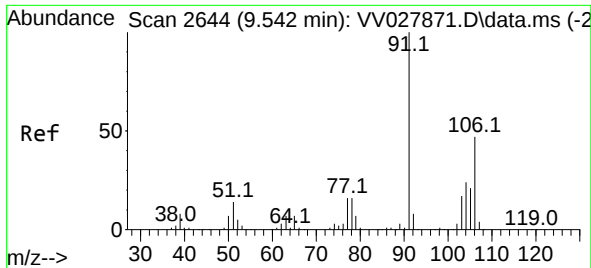
Tgt Ion: 106 Resp: 7971

Ion Ratio Lower Upper

106 100

91 178.0 142.4 264.4

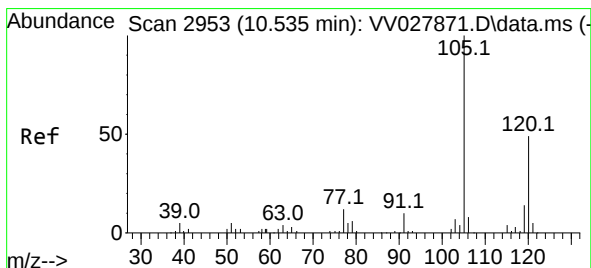
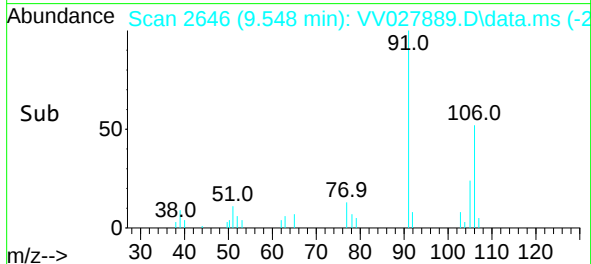
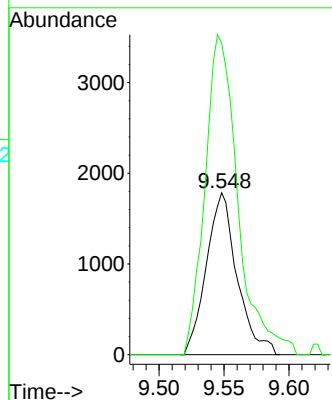
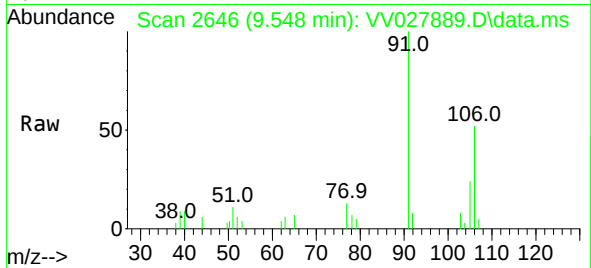




#54
o-Xylene
Concen: 0.176 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV027889.D
Acq: 16 Sep 2022 18:27

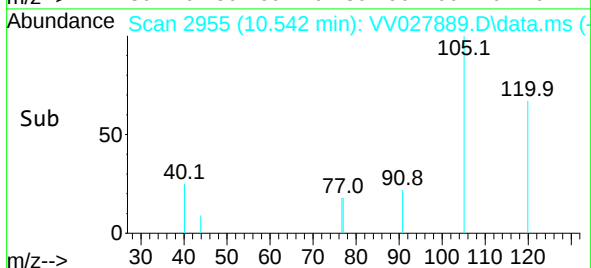
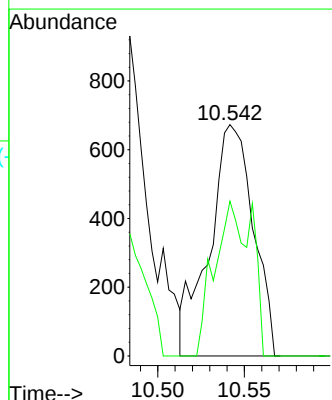
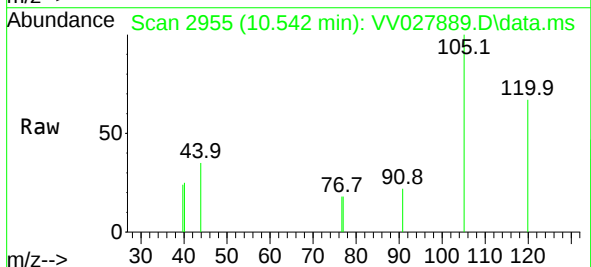
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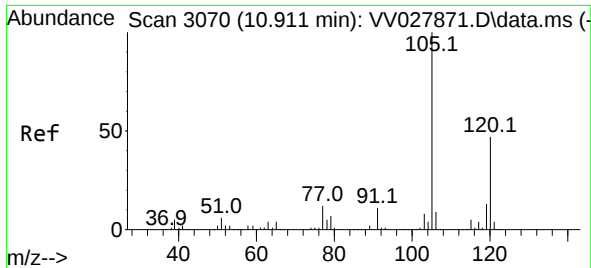
Tgt Ion:106 Resp: 2936
Ion Ratio Lower Upper
106 100
91 192.3 147.5 273.9



#62
1,3,5-Trimethylbenzene
Concen: 0.097 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.007 min
Lab File: VV027889.D
Acq: 16 Sep 2022 18:27

Tgt Ion:105 Resp: 1190
Ion Ratio Lower Upper
105 100
120 56.4 39.6 59.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.123 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.007 min
 Lab File: VV027889.D
 Acq: 16 Sep 2022 18:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EB1

Tgt Ion:105 Resp: 4282
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.4 56.0

