

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027391.D
 Acq On : 15 Aug 2022 16:22
 Operator : SY/MD
 Sample : N4192-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB5

Quant Time: Aug 16 02:37:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

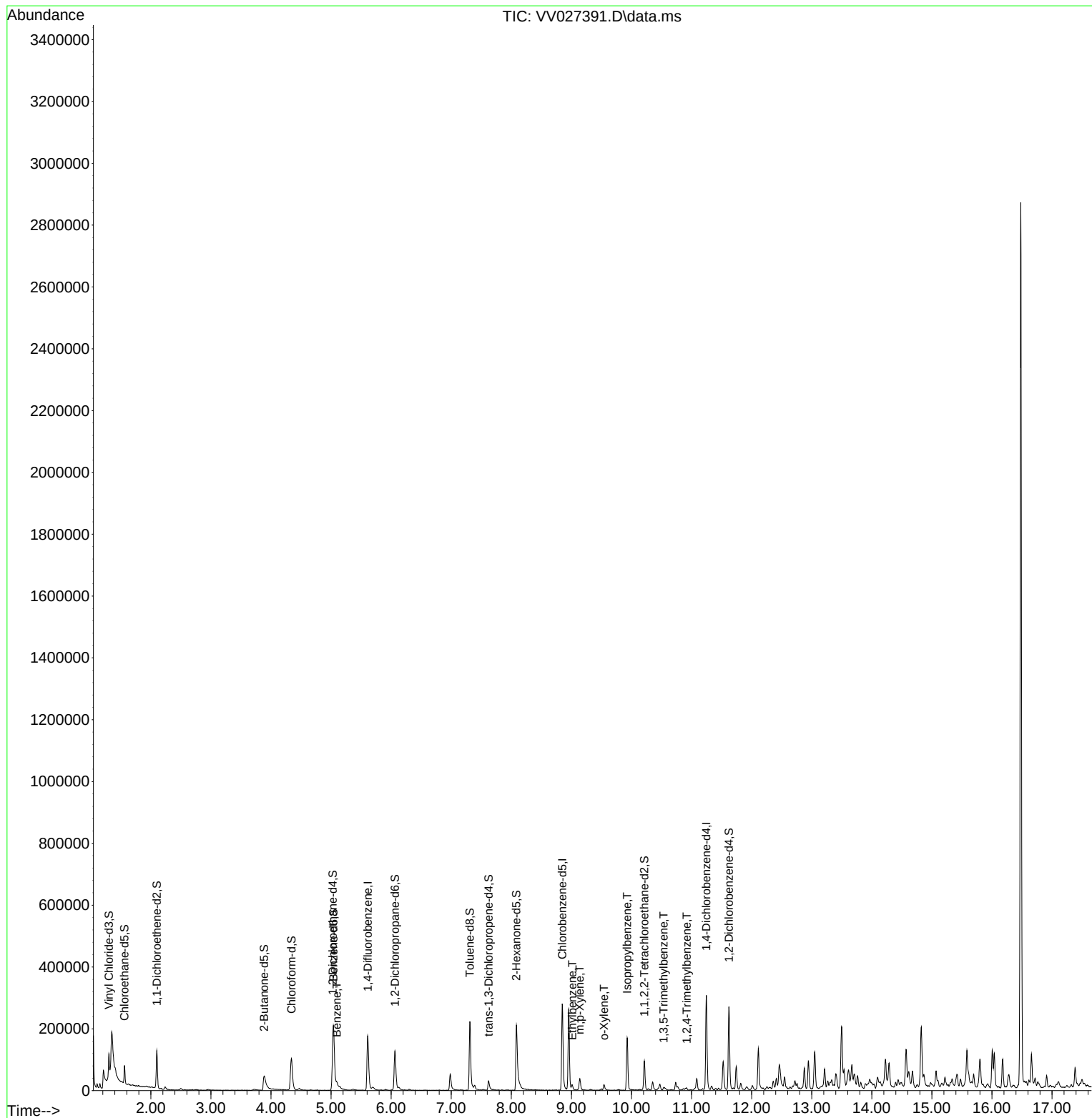
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	144616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49712	3.957	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.561	69	36185	3.966	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.098	63	62758	2.754	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.000%#	
20) 2-Butanone-d5	3.886	46	93508	43.945	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.900%	
24) Chloroform-d	4.339	84	108599	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.027	65	50108	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.040	84	180271	3.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.063	67	60742	4.290	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.310	98	151604	3.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	7.622	79	19255	3.926	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.085	63	77385	40.767	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45888	4.479	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	64978	4.846	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
33) Benzene	5.095	78	25448	0.480	ug/L	100
52) Ethylbenzene	9.014	91	9757	0.183	ug/L	98
53) m,p-Xylene	9.140	106	10593	0.522	ug/L	95
54) o-Xylene	9.545	106	4666	0.235	ug/L	97
60) Isopropylbenzene	9.928	105	101965	2.084	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	3792	0.280	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	3595	0.093	ug/L	96

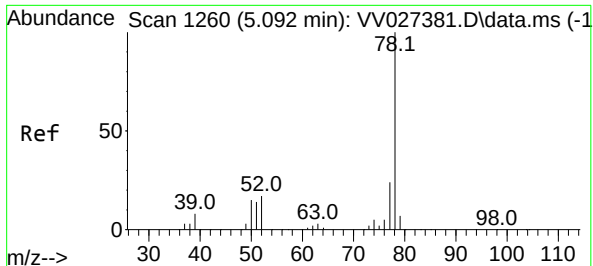
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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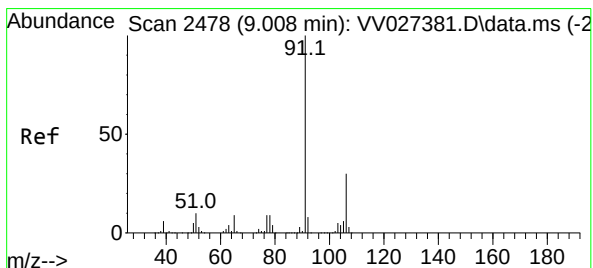
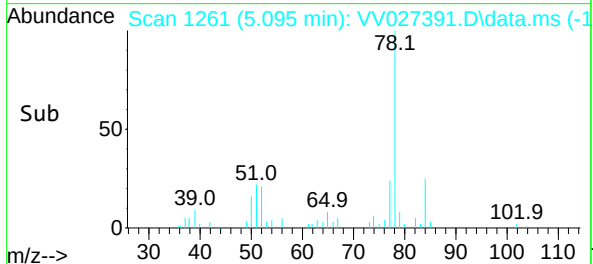
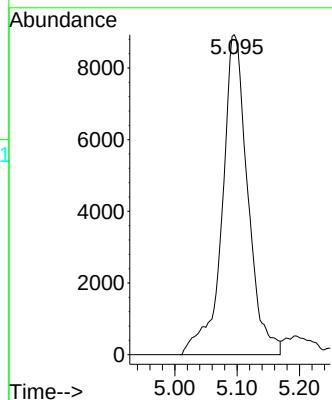
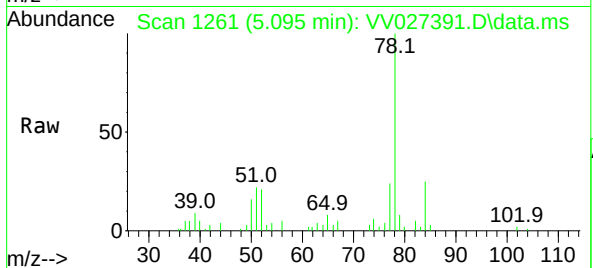




#33
Benzene
Concen: 0.480 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027391.D
Acq: 15 Aug 2022 16:22

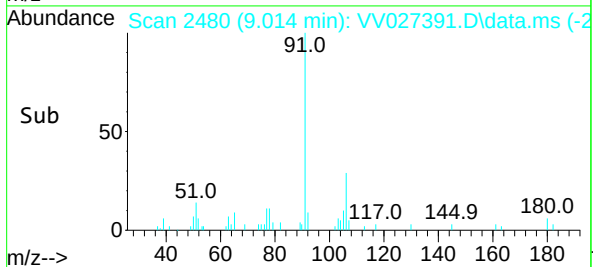
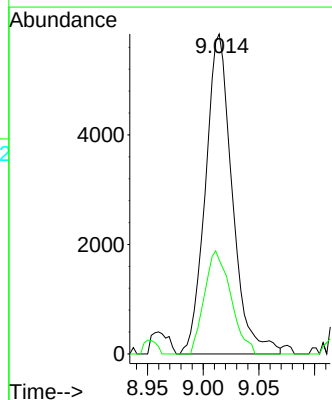
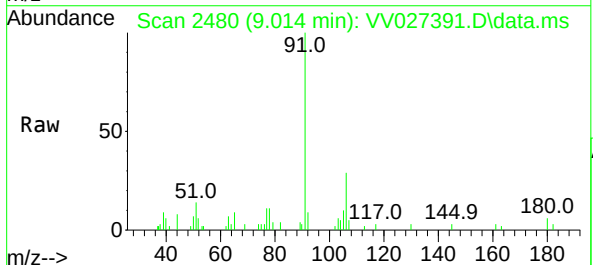
Instrument :
MSVOA_V
ClientSampleId :
C0AB5

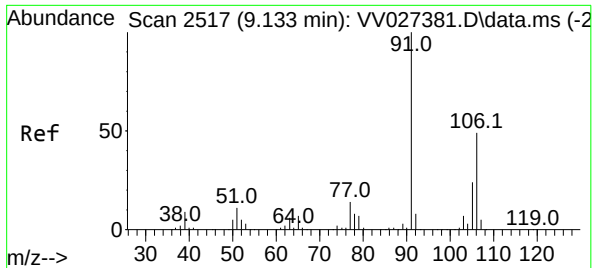
Tgt Ion: 78 Resp: 25448



#52
Ethylbenzene
Concen: 0.183 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.007 min
Lab File: VV027391.D
Acq: 15 Aug 2022 16:22

Tgt Ion: 91 Resp: 9757
Ion Ratio Lower Upper
91 100
106 29.3 21.5 39.9

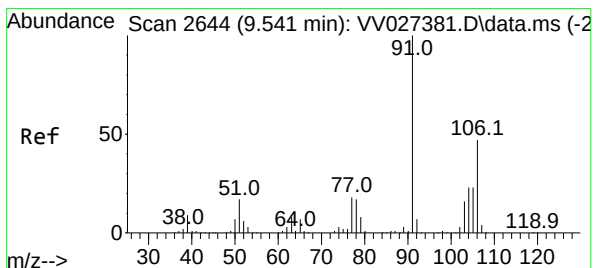
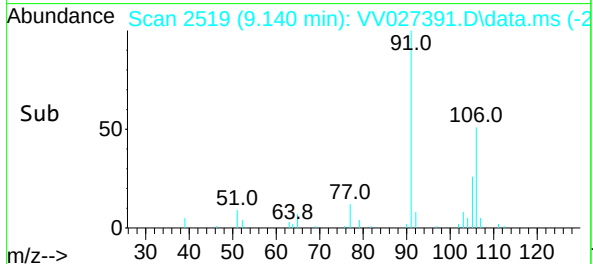
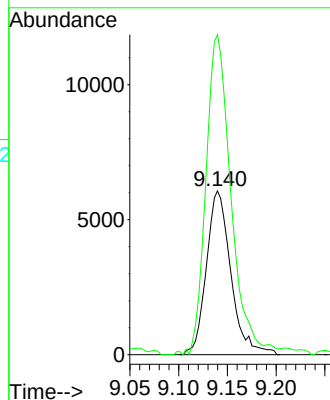
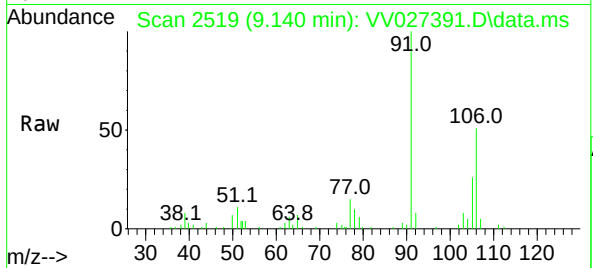




#53
m,p-Xylene
Concen: 0.522 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV027391.D
Acq: 15 Aug 2022 16:22

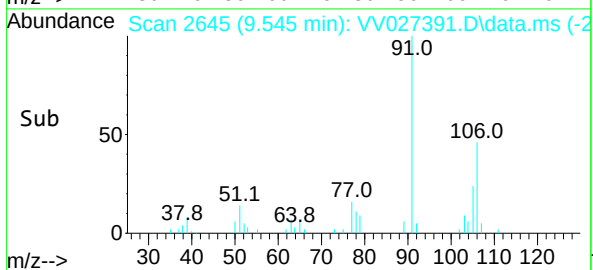
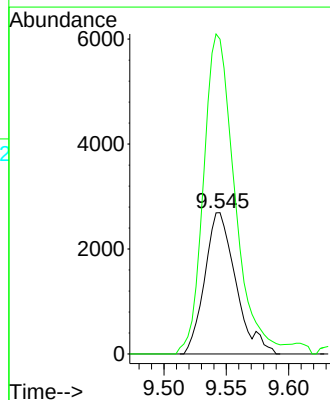
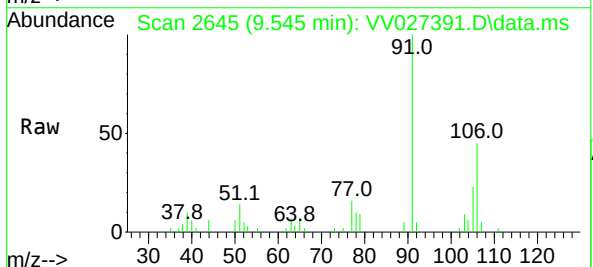
Instrument :
MSVOA_V
ClientSampleId :
C0AB5

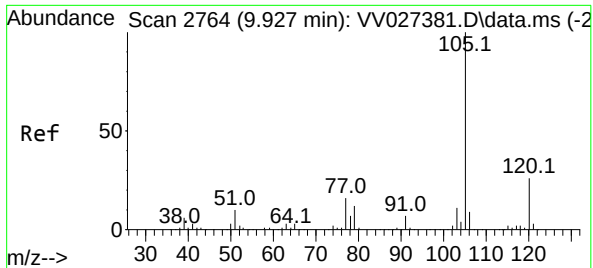
Tgt Ion:106 Resp: 10593
Ion Ratio Lower Upper
106 100
91 195.2 141.5 262.9



#54
o-Xylene
Concen: 0.235 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027391.D
Acq: 15 Aug 2022 16:22

Tgt Ion:106 Resp: 4666
Ion Ratio Lower Upper
106 100
91 222.8 153.2 284.4

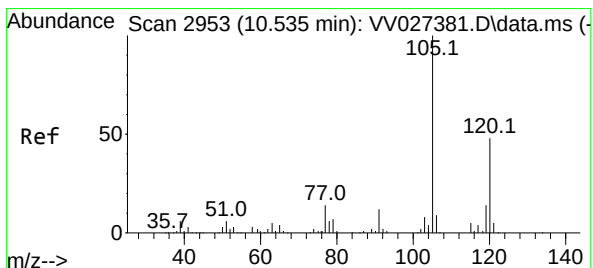
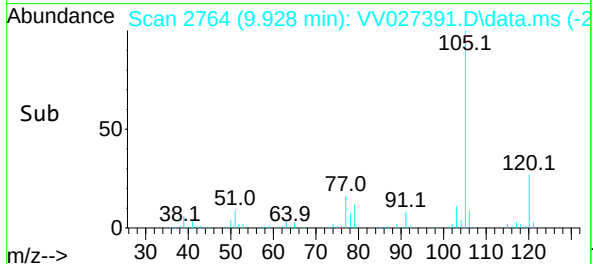
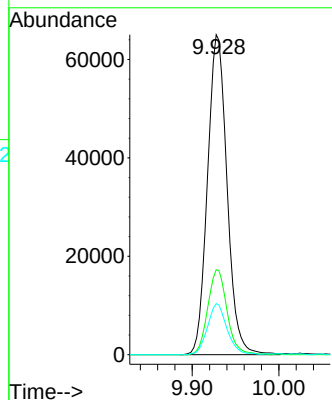
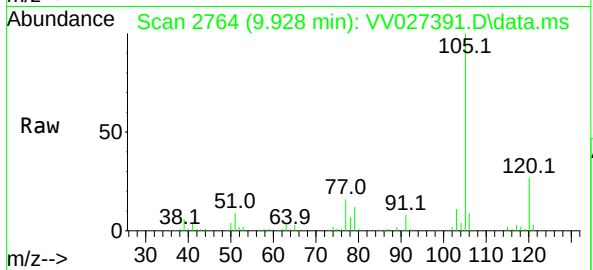




#60
Isopropylbenzene
Concen: 2.084 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027391.D
Acq: 15 Aug 2022 16:22

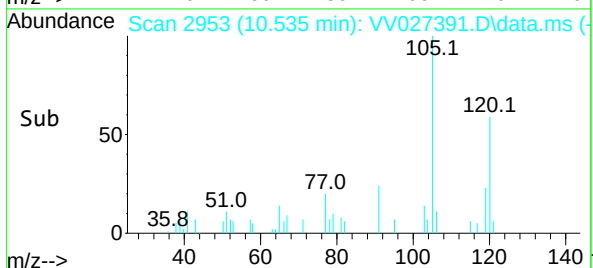
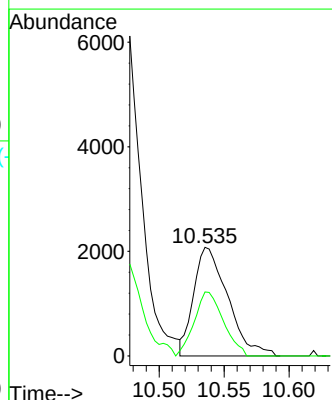
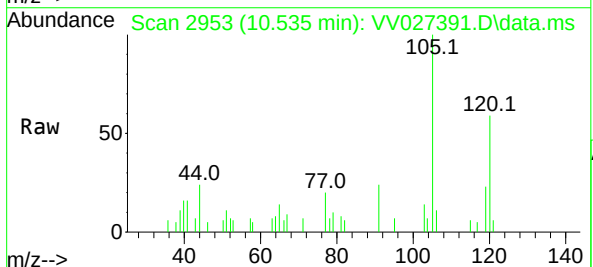
Instrument :
MSVOA_V
ClientSampleId :
C0AB5

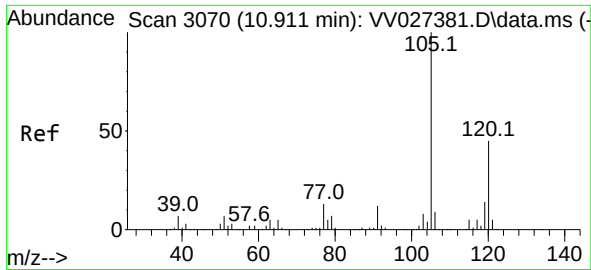
Tgt Ion:105 Resp: 101965
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.0 13.2 19.8



#62
1,3,5-Trimethylbenzene
Concen: 0.280 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV027391.D
Acq: 15 Aug 2022 16:22

Tgt Ion:105 Resp: 3792
Ion Ratio Lower Upper
105 100
120 50.3 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.093 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.007 min

Lab File: VV027391.D

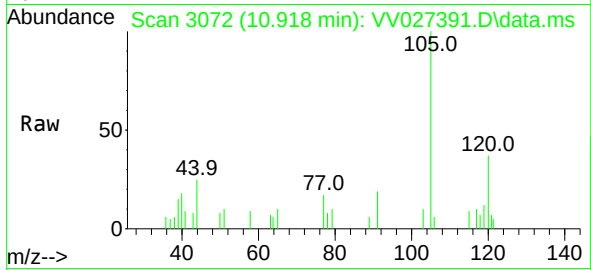
Acq: 15 Aug 2022 16:22

Instrument :

MSVOA_V

ClientSampleId :

C0AB5



Tgt Ion:105 Resp: 3595

Ion Ratio Lower Upper

105 100

120 42.6 36.2 54.2

