

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081921\
 Data File : VW021879.D
 Acq On : 19 Aug 2021 10:24
 Operator : SY/MD
 Sample : M3422-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKA8

Quant Time: Aug 20 02:15:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

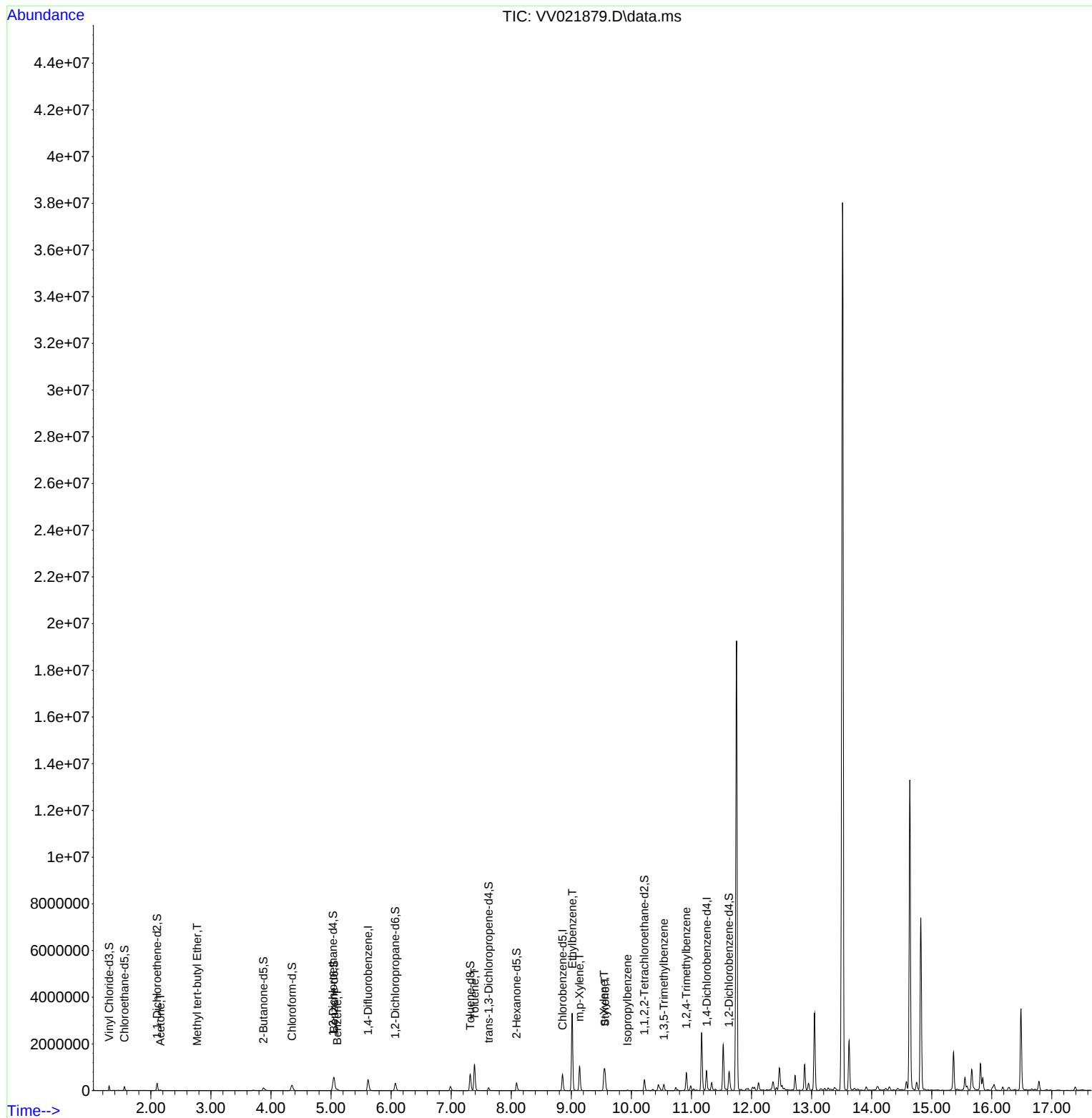
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	428850	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	399703	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	221567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132572	39.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.080%		
7) Chloroethane-d5	1.561	69	106545	42.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.220%		
11) 1,1-Dichloroethene-d2	2.105	63	156451	29.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.640%#		
21) 2-Butanone-d5	3.873	46	181357	86.977	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.980%		
24) Chloroform-d	4.349	84	242989	41.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.660%		
26) 1,2-Dichloroethane-d4	5.034	65	150101	44.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.860%		
32) Benzene-d6	5.050	84	514675	44.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	6.069	67	162336	45.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.700%		
41) Toluene-d8	7.317	98	470276	44.266	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.540%		
43) trans-1,3-Dichloroprop...	7.622	79	71501	40.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.180%		
47) 2-Hexanone-d5	8.088	63	121902	103.911	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.910%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	223845	50.465	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.940%		
66) 1,2-Dichlorobenzene-d4	11.625	152	202111	44.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.160%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	25334	14.766	ug/L #	100
18) Methyl tert-butyl Ether	2.770	73	8656	0.946	ug/L	94
33) Benzene	5.105	78	57817	4.701	ug/L	100
42) Toluene	7.387	91	826778	62.936	ug/L	99
52) Ethylbenzene	9.014	91	2310155	164.833	ug/L	100
53) m,p-Xylene	9.136	106	302476	55.687	ug/L	99
54) o-Xylene	9.545	106	199031	36.966	ug/L	100
55) Styrene	9.561	104	329885	36.589	ug/L	97
60) Isopropylbenzene	9.934	105	16726	1.126	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	136659	10.963	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	415788	32.805	ug/L	100

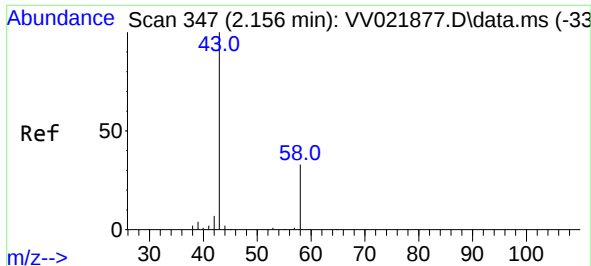
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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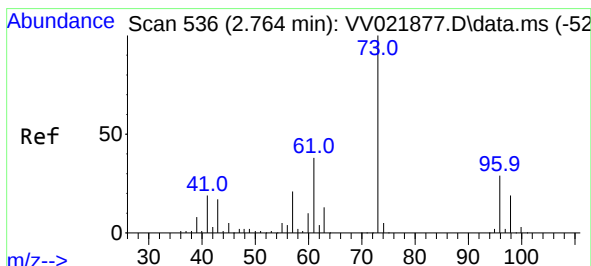
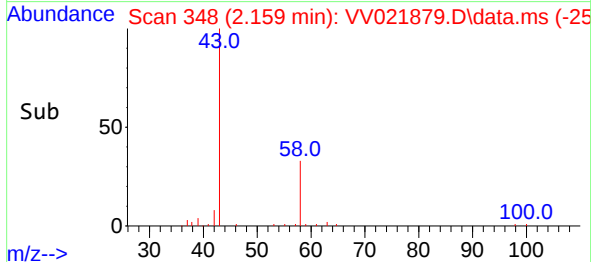
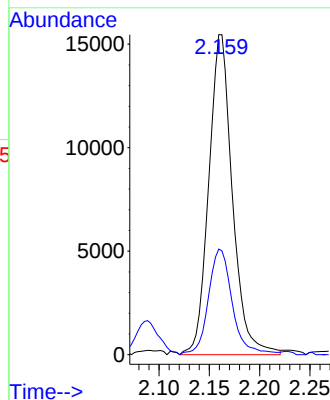
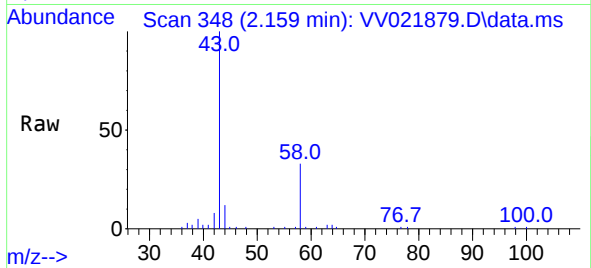




#13
Acetone
Concen: 14.766 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

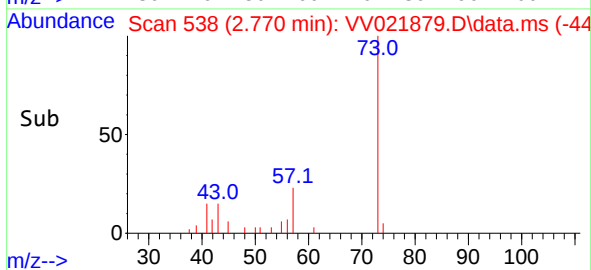
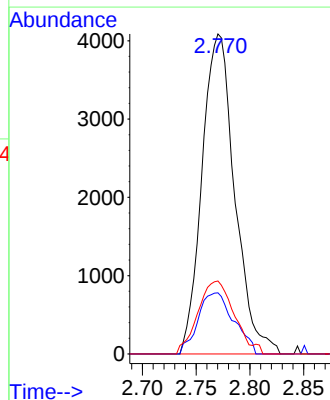
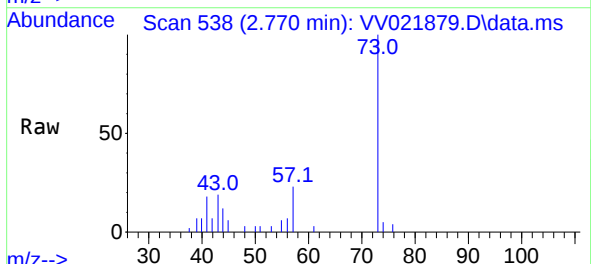
Instrument :
MSVOA_V
ClientSampleId :
DBKA8

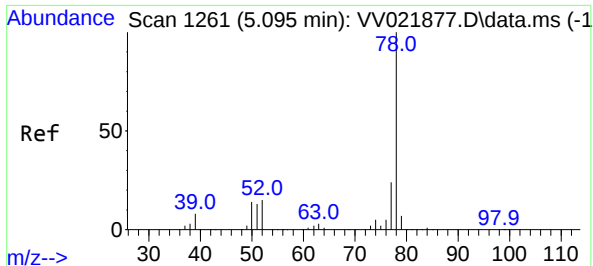
Tgt Ion: 43 Resp: 25334
Ion Ratio Lower Upper
43 100
58 33.2 0.0 0.0#



#18
Methyl tert-butyl Ether
Concen: 0.946 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

Tgt Ion: 73 Resp: 8656
Ion Ratio Lower Upper
73 100
43 20.9 14.2 21.4
57 24.7 17.7 26.5

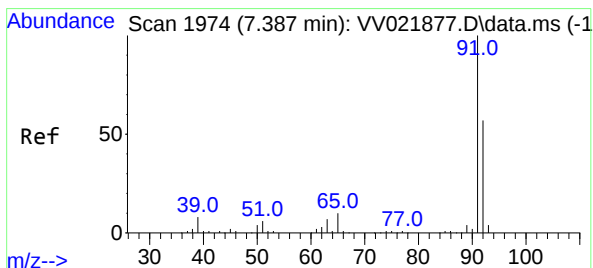
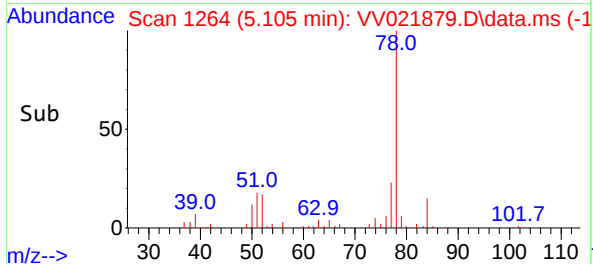
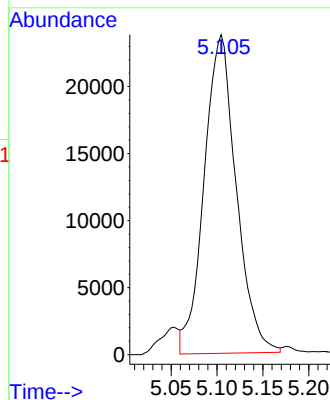
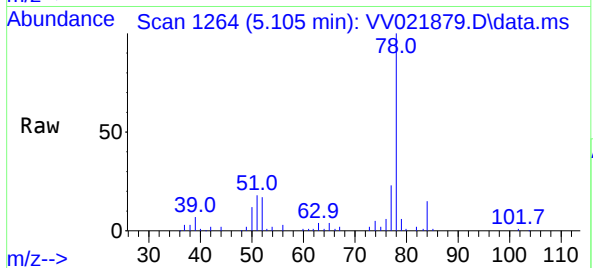




#33
Benzene
Concen: 4.701 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

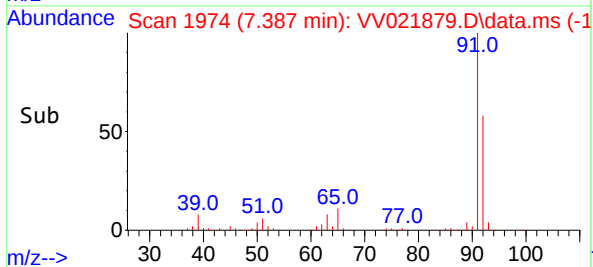
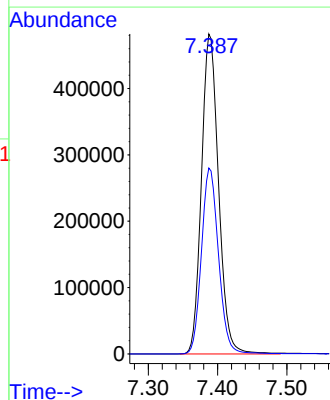
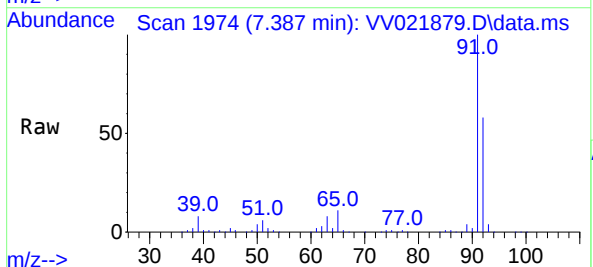
Instrument :
MSVOA_V
ClientSampleId :
DBKA8

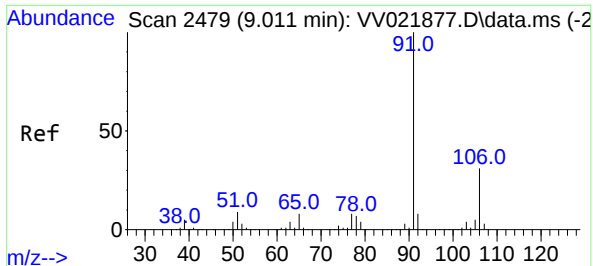
Tgt Ion: 78 Resp: 57817



#42
Toluene
Concen: 62.936 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

Tgt Ion: 91 Resp: 826778
Ion Ratio Lower Upper
91 100
92 58.1 40.1 74.5





#52

Ethylbenzene

Concen: 164.833 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021879.D

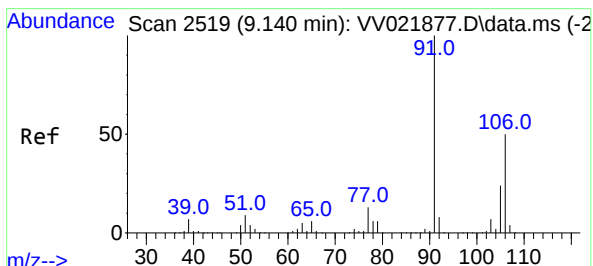
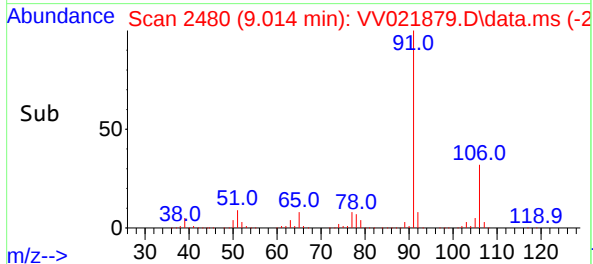
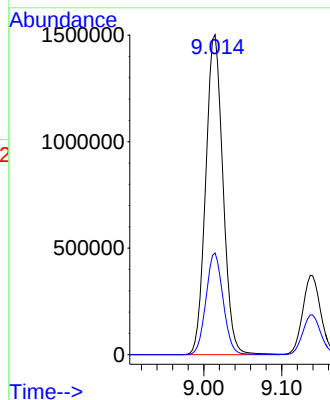
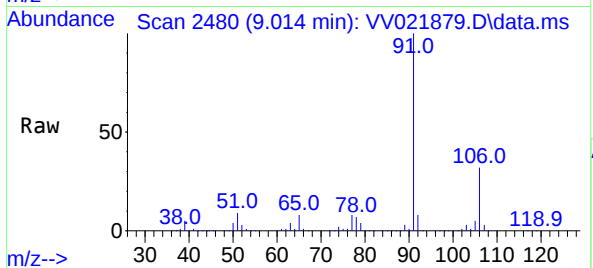
Acq: 19 Aug 2021 10:24

Tgt Ion: 91 Resp: 2310155

Ion Ratio Lower Upper

91 100

106 31.8 22.2 41.2



#53

m,p-Xylene

Concen: 55.687 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021879.D

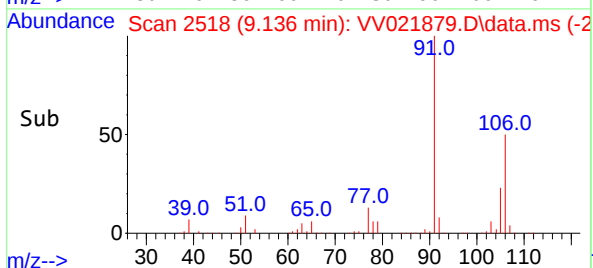
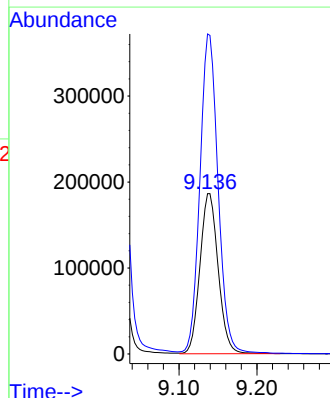
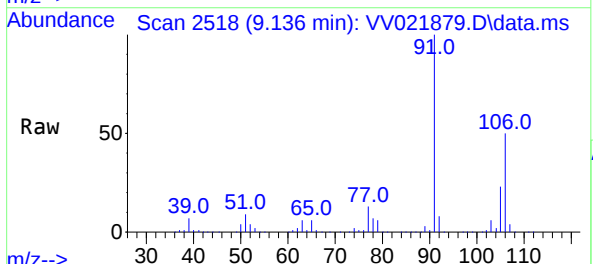
Acq: 19 Aug 2021 10:24

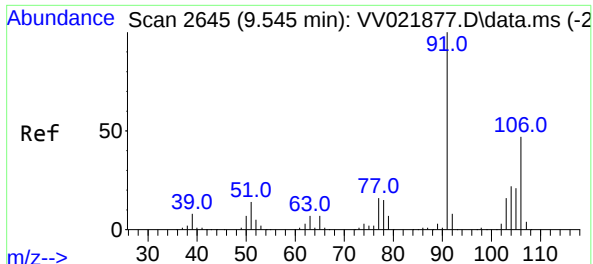
Tgt Ion: 106 Resp: 302476

Ion Ratio Lower Upper

106 100

91 199.7 139.2 258.6

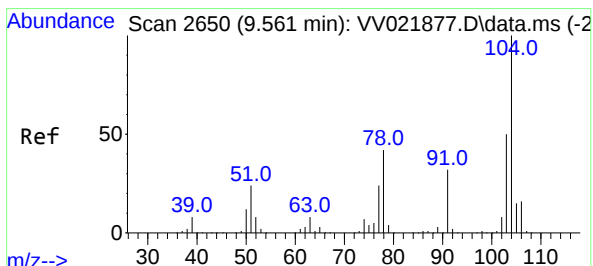
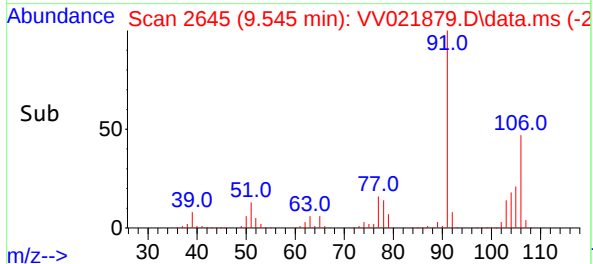
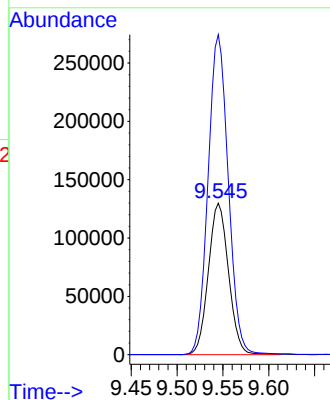
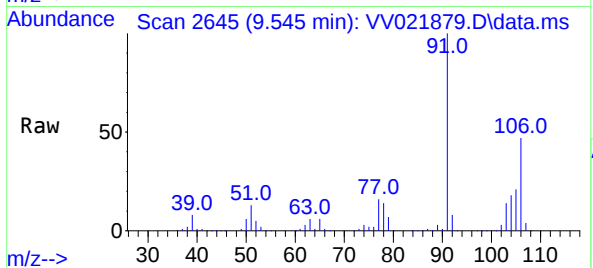




#54
o-Xylene
Concen: 36.966 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

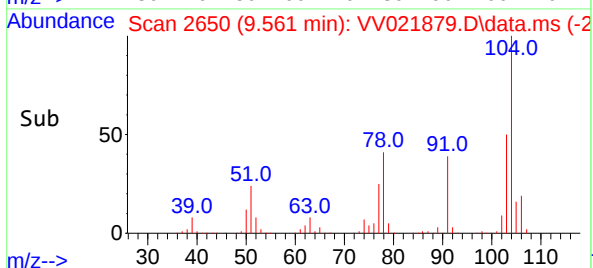
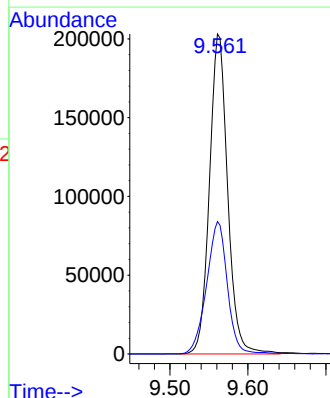
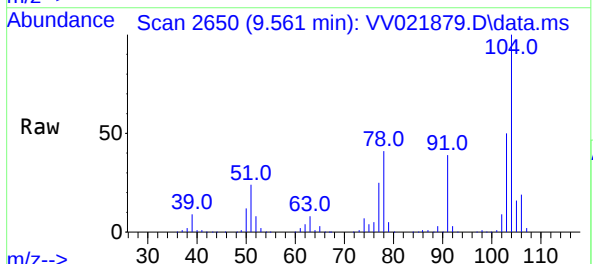
Instrument :
MSVOA_V
ClientSampled :
DBKA8

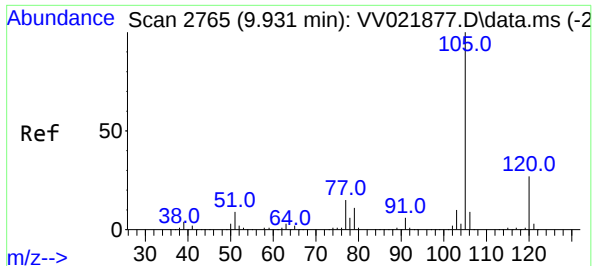
Tgt Ion:106 Resp: 199031
Ion Ratio Lower Upper
106 100
91 211.2 148.1 275.0



#55
Styrene
Concen: 36.589 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

Tgt Ion:104 Resp: 329885
Ion Ratio Lower Upper
104 100
78 41.4 30.2 56.2

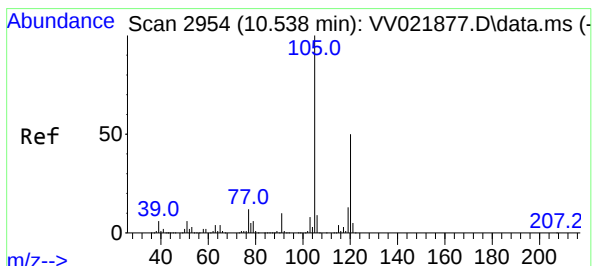
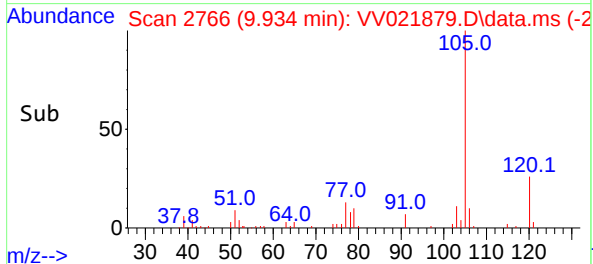
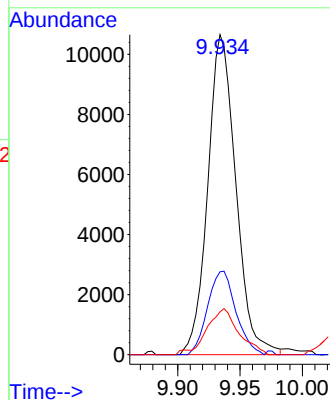
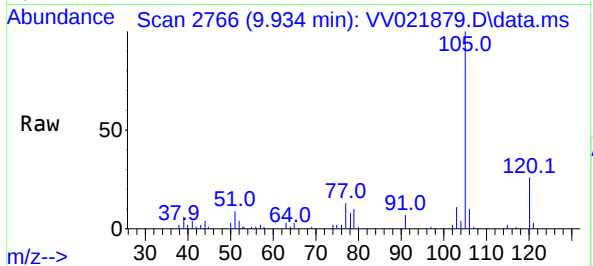




#60
Isopropylbenzene
Concen: 1.126 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

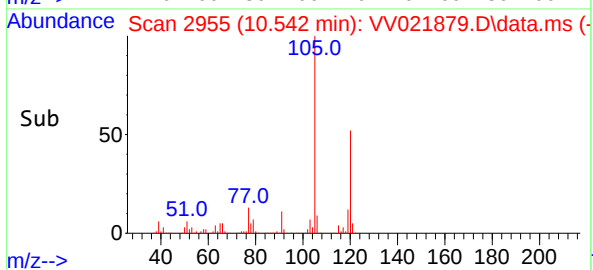
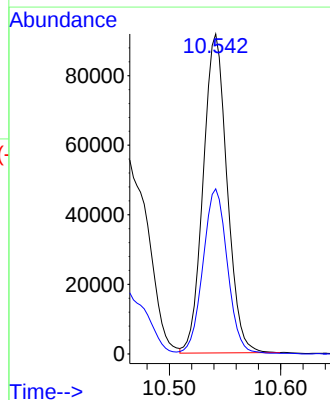
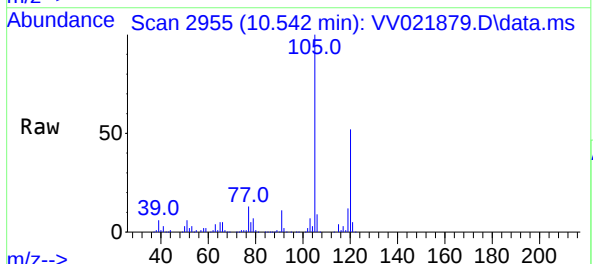
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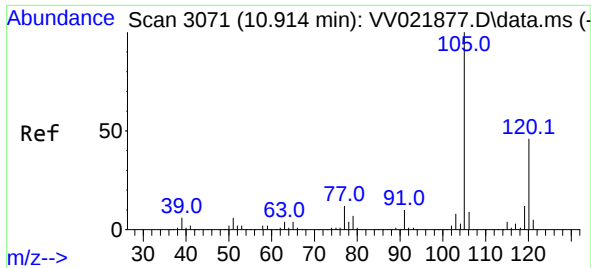
Tgt Ion:105	Resp:	16726
Ion Ratio	Lower	Upper
105	100	
120	26.2	21.3 31.9
77	15.7	11.8 17.8



#62
1,3,5-Trimethylbenzene
Concen: 10.963 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

Tgt Ion:105	Resp:	136659
Ion Ratio	Lower	Upper
105	100	
120	52.6	40.2 60.4





#63
1,2,4-Trimethylbenzene
Concen: 32.805 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021879.D
Acq: 19 Aug 2021 10:24

Instrument :
MSVOA_V
ClientSampleId :
DBKA8

Tgt Ion:105 Resp: 415788
Ion Ratio Lower Upper
105 100
120 46.5 37.3 55.9

