

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021880.D
 Acq On : 19 Aug 2021 10:48
 Operator : SY/MD
 Sample : M3422-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKA9

Quant Time: Aug 20 02:15:57 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)

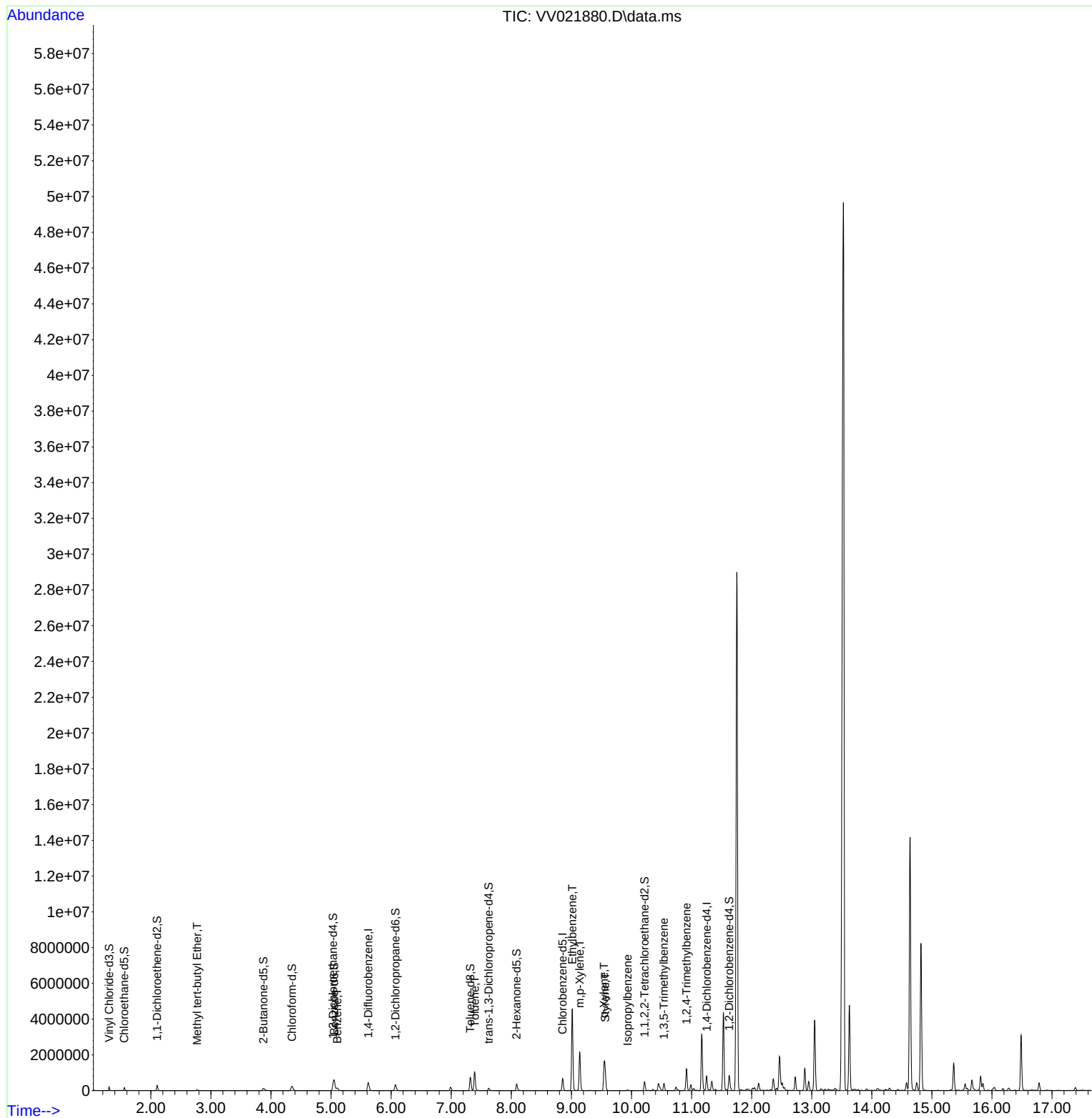
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	413269	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	390496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	218873	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133530	41.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.660%
7) Chloroethane-d5	1.558	69	107399	44.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.105	63	151918	29.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.080%#
21) 2-Butanone-d5	3.873	46	197108	98.095	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	4.349	84	256755	45.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.740%
26) 1,2-Dichloroethane-d4	5.034	65	159893	49.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
32) Benzene-d6	5.050	84	544454	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
36) 1,2-Dichloropropane-d6	6.072	67	168727	48.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.500%
41) Toluene-d8	7.317	98	513278	49.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
43) trans-1,3-Dichloroprop...	7.622	79	78613	45.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.360%
47) 2-Hexanone-d5	8.088	63	137916	120.334	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.330%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240676	55.539	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.080%
66) 1,2-Dichlorobenzene-d4	11.625	152	220223	48.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.240%
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	49041	5.563	ug/L	99
33) Benzene	5.101	78	150044	12.486	ug/L	100
42) Toluene	7.391	91	777880	60.609	ug/L	99
52) Ethylbenzene	9.014	91	3172924	231.731	ug/L	100
53) m,p-Xylene	9.140	106	627075	118.170	ug/L	100
54) o-Xylene	9.545	106	366467	69.669	ug/L	99
55) Styrene	9.561	104	476935	54.146	ug/L	99
60) Isopropylbenzene	9.937	105	27182	1.852	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	205337	16.675	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	666134	53.204	ug/L	100

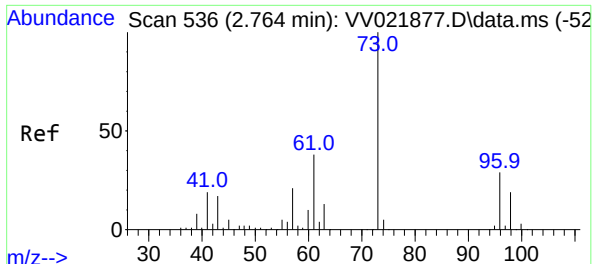
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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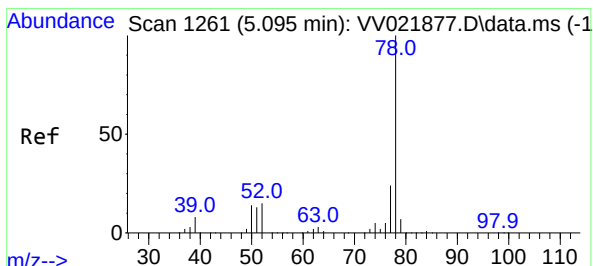
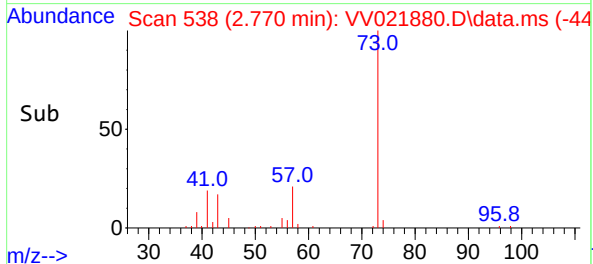
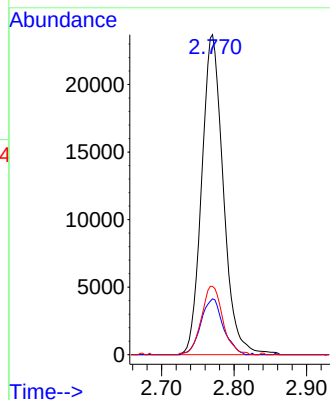
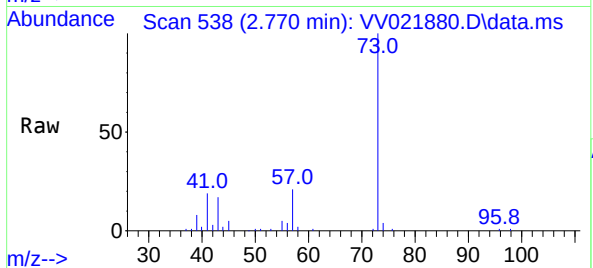




#18
Methyl tert-butyl Ether
Concen: 5.563 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV021880.D
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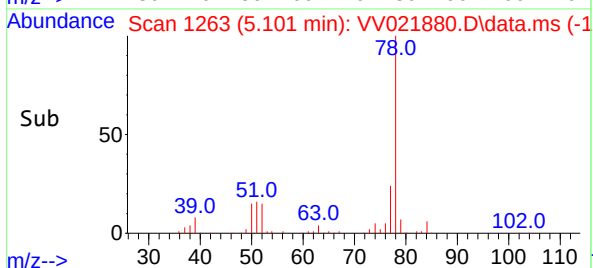
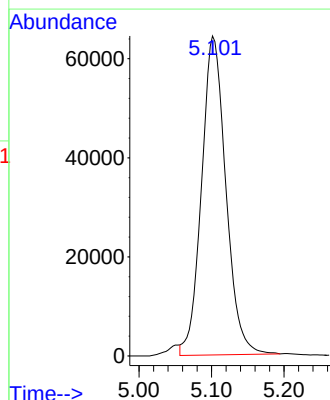
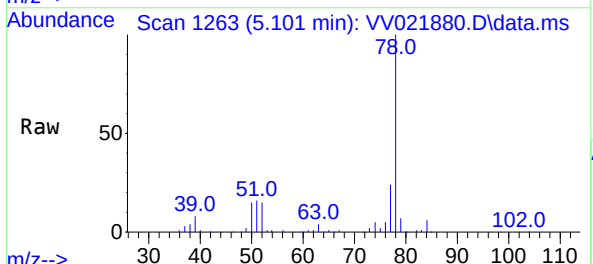
Instrument :
MSVOA_V
ClientSampleId :
DBKA9

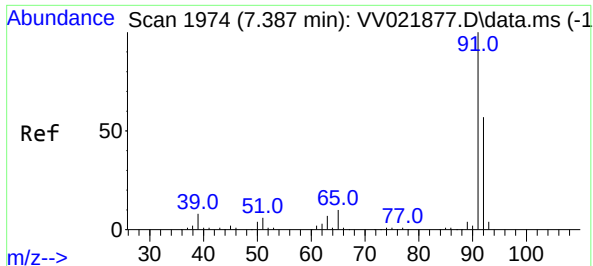
Tgt Ion: 73 Resp: 49041
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 21.1 17.7 26.5



#33
Benzene
Concen: 12.486 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

Tgt Ion: 78 Resp: 150044





#42

Toluene

Concen: 60.609 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021880.D

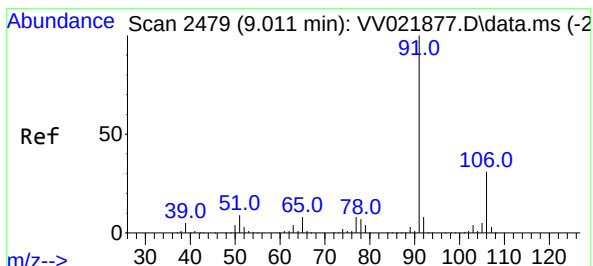
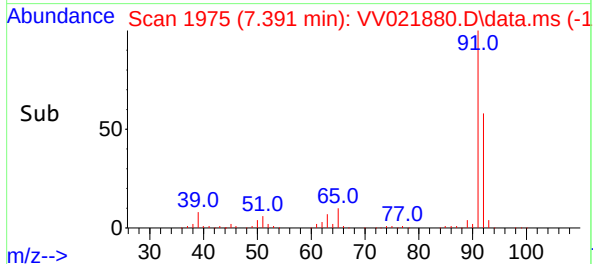
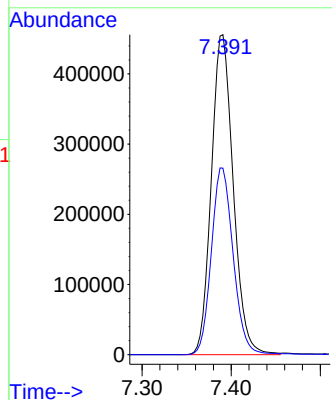
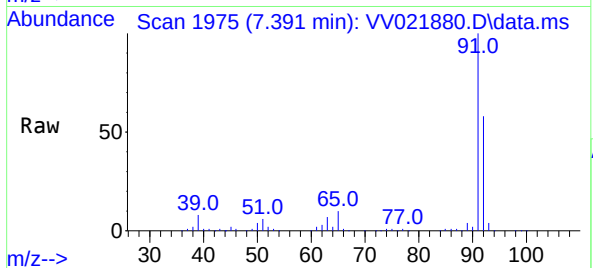
Acq: 19 Aug 2021 10:48

Tgt Ion: 91 Resp: 777880

Ion Ratio Lower Upper

91 100

92 58.3 40.1 74.5



#52

Ethylbenzene

Concen: 231.731 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021880.D

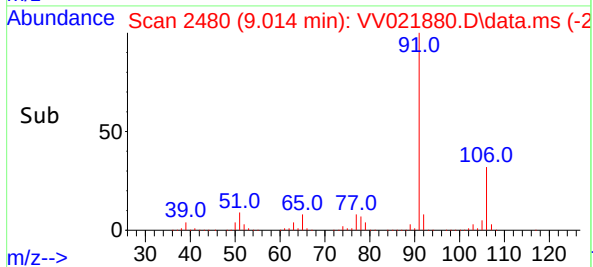
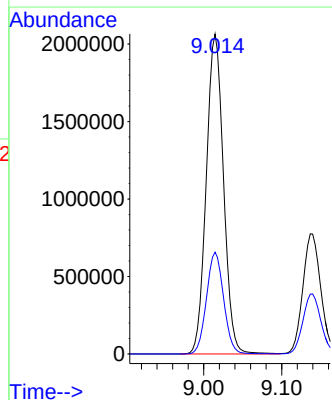
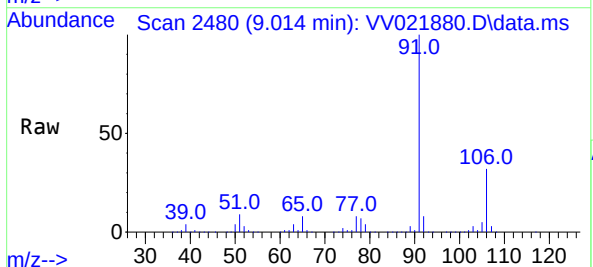
Acq: 19 Aug 2021 10:48

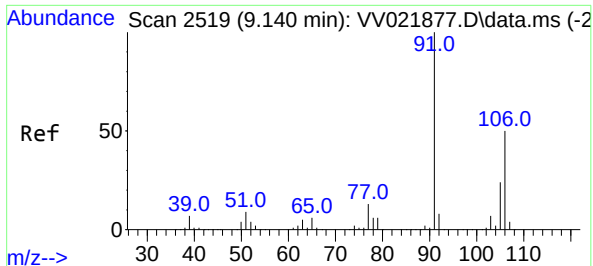
Tgt Ion: 91 Resp: 3172924

Ion Ratio Lower Upper

91 100

106 31.8 22.2 41.2

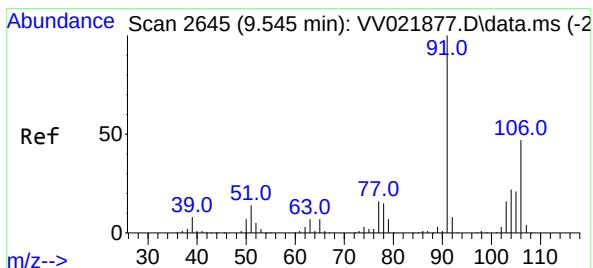
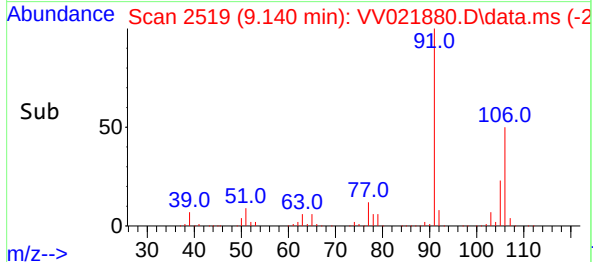
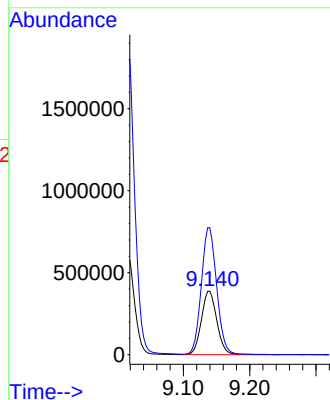
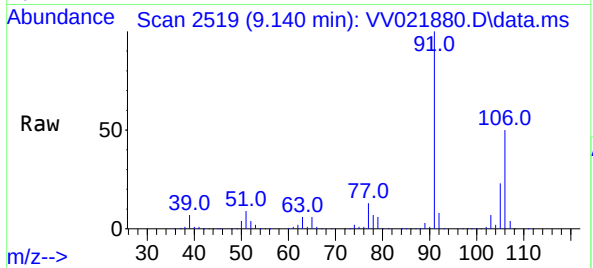




#53
m,p-Xylene
Concen: 118.170 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

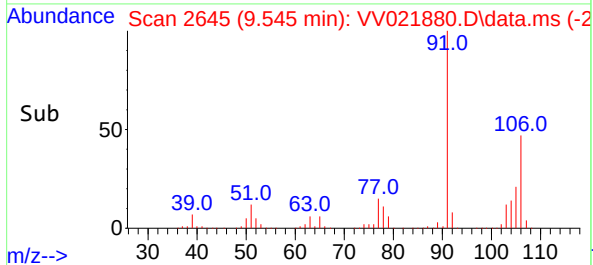
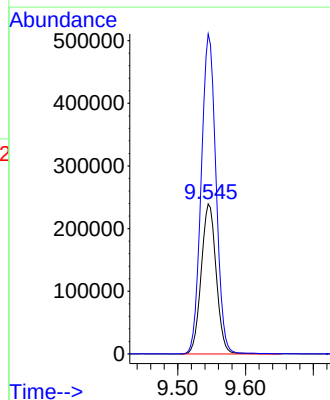
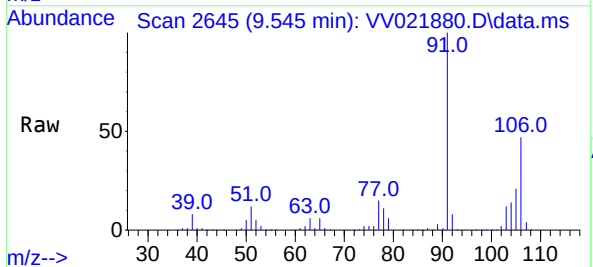
Instrument :
MSVOA_V
ClientSampled :
DBKA9

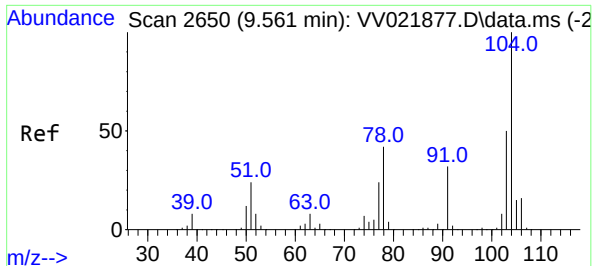
Tgt Ion:106 Resp: 627075
Ion Ratio Lower Upper
106 100
91 199.7 139.2 258.6



#54
o-Xylene
Concen: 69.669 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

Tgt Ion:106 Resp: 366467
Ion Ratio Lower Upper
106 100
91 213.3 148.1 275.0

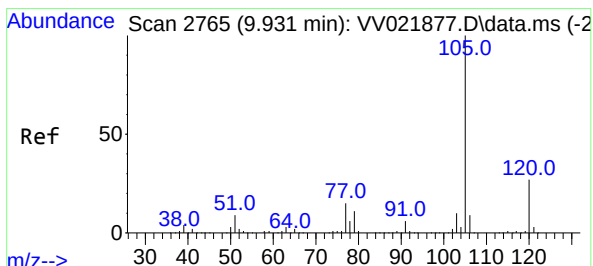
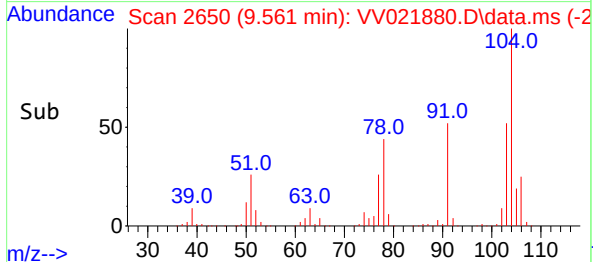
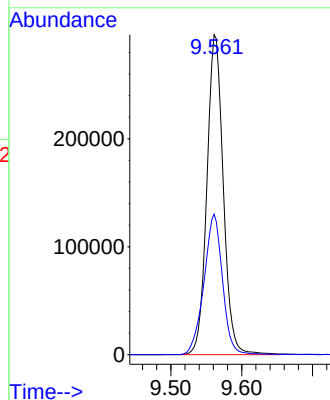
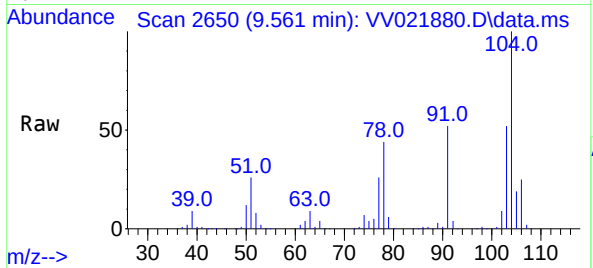




#55
Styrene
Concen: 54.146 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

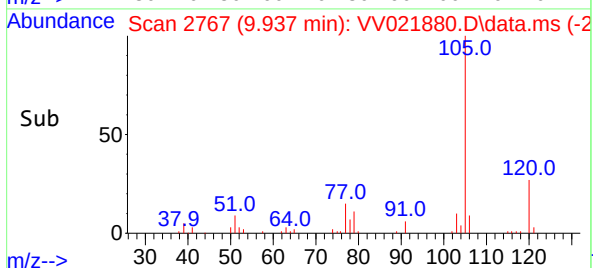
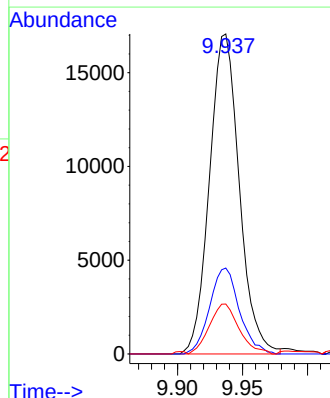
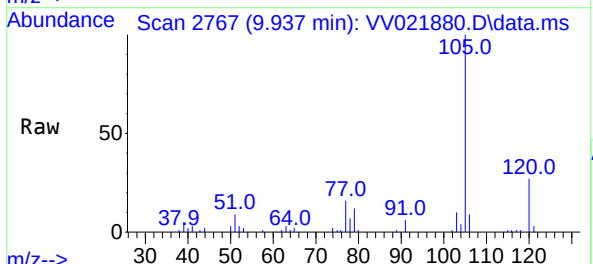
Instrument :
MSVOA_V
ClientSampled :
DBKA9

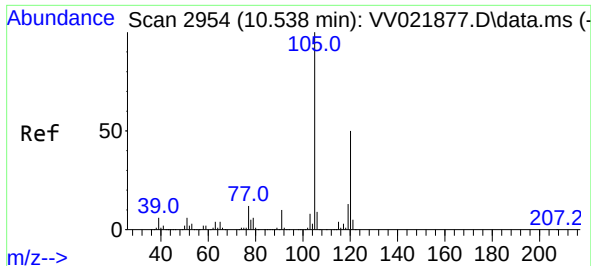
Tgt Ion:104 Resp: 476935
Ion Ratio Lower Upper
104 100
78 43.9 30.2 56.2



#60
Isopropylbenzene
Concen: 1.852 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.007 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

Tgt Ion:105 Resp: 27182
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.5 11.8 17.8

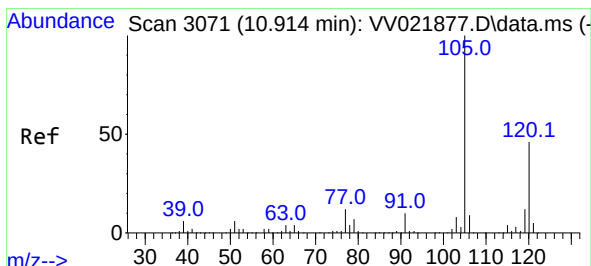
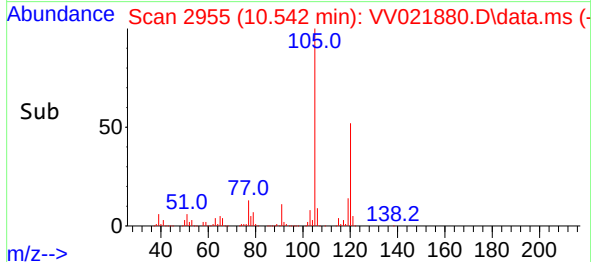
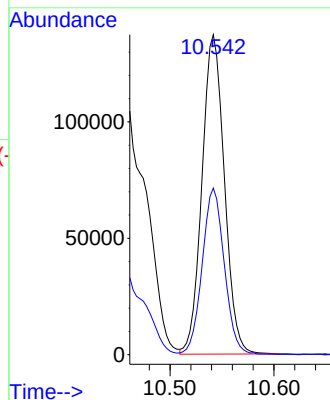
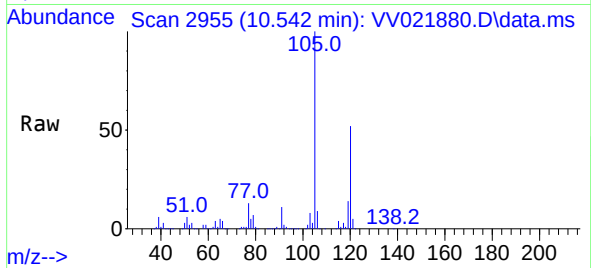




#62
1,3,5-Trimethylbenzene
Concen: 16.675 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

Instrument :
MSVOA_V
ClientSampled :
DBKA9

Tgt Ion:105 Resp: 205337
Ion Ratio Lower Upper
105 100
120 51.4 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 53.204 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48

Tgt Ion:105 Resp: 666134
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

