

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022105.D
 Acq On : 07 Sep 2021 16:12
 Operator : SY/MD
 Sample : M3608-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKK9

Quant Time: Sep 08 01:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

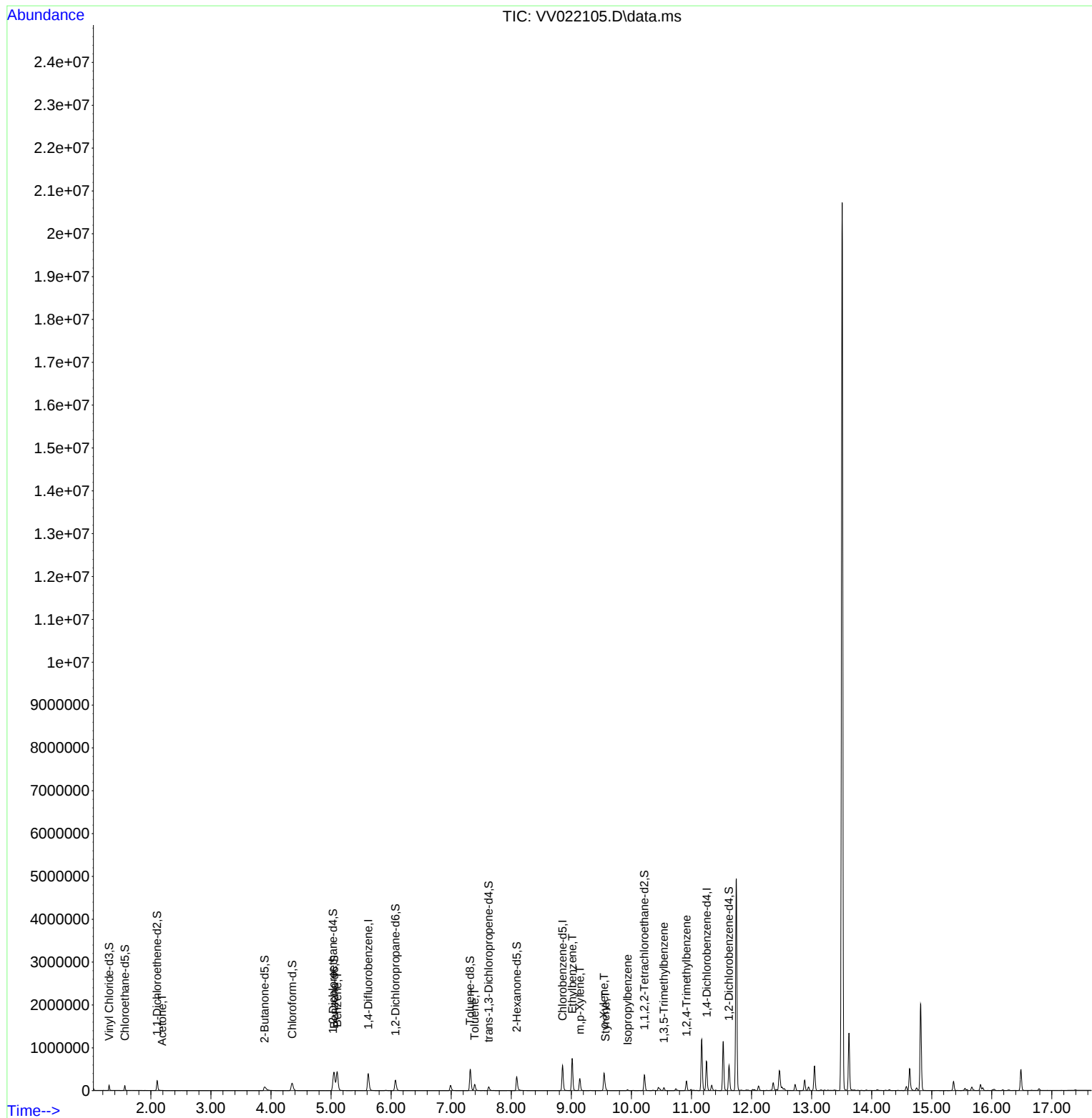
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	352767	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	332196	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181804	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80198	32.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.660%
7) Chloroethane-d5	1.568	69	70691	37.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.100%
11) 1,1-Dichloroethene-d2	2.105	63	118530	29.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.680%#
21) 2-Butanone-d5	3.892	46	163987	97.878	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	4.352	84	183112	41.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.220%
26) 1,2-Dichloroethane-d4	5.034	65	116529	44.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
32) Benzene-d6	5.053	84	369416	40.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.072	67	120278	42.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.900%
41) Toluene-d8	7.317	98	332616	39.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.220%#
43) trans-1,3-Dichloroprop...	7.625	79	49181	36.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.940%
47) 2-Hexanone-d5	8.091	63	115611	106.333	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.330%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	176604	48.664	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	151276	42.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.660%
Target Compounds						
					Qvalue	
13) Acetone	2.185	43	4313	3.072	ug/L #	77
33) Benzene	5.101	78	454464	47.022	ug/L	100
42) Toluene	7.391	91	109531	10.500	ug/L	98
52) Ethylbenzene	9.014	91	513156	45.444	ug/L	99
53) m,p-Xylene	9.143	106	80005	18.228	ug/L	99
54) o-Xylene	9.545	106	104302	24.018	ug/L	99
55) Styrene	9.567	104	42438	5.726	ug/L	92
60) Isopropylbenzene	9.937	105	13112	1.148	ug/L #	97
62) 1,3,5-Trimethylbenzene	10.542	105	35386	3.690	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	120767	12.389	ug/L	100

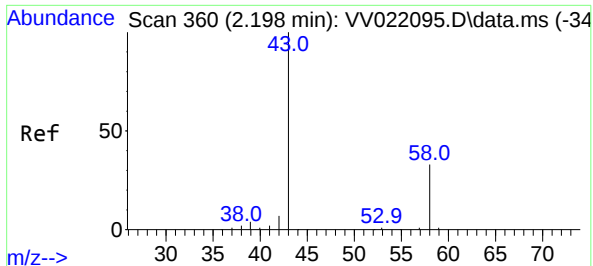
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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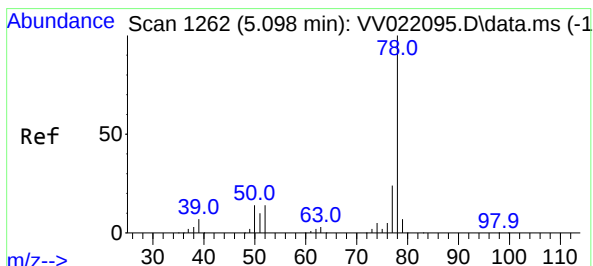
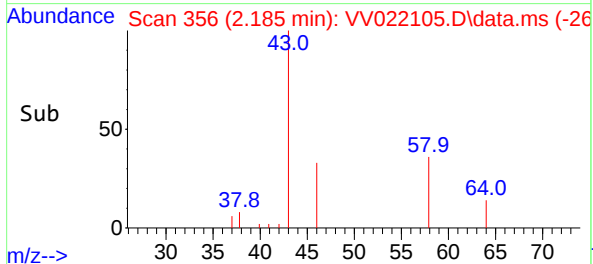
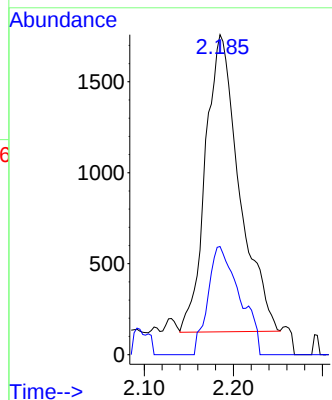
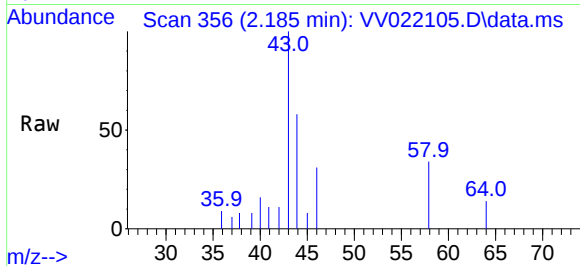




#13
Acetone
Concen: 3.072 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.013 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

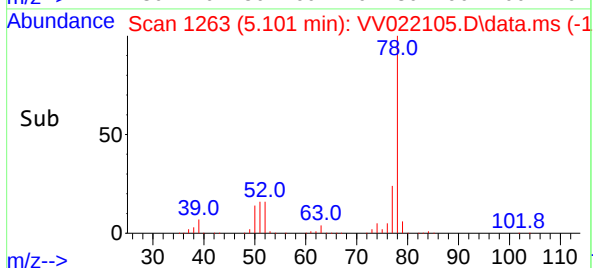
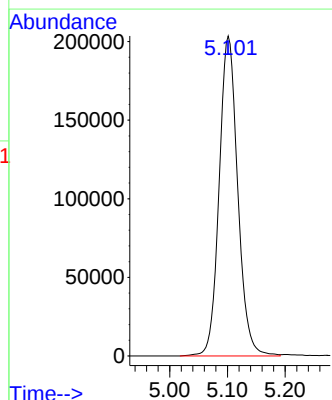
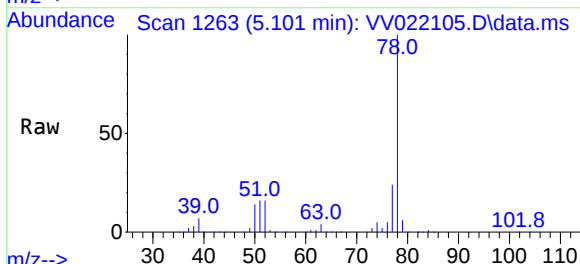
Instrument :
MSVOA_V
ClientSampleId :
DBKK9

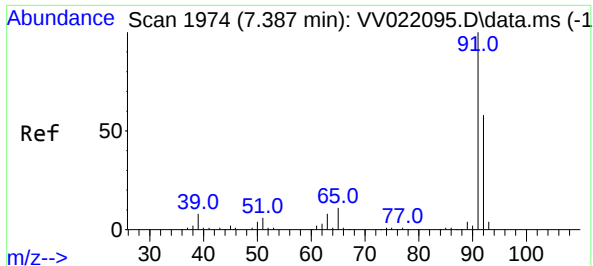
Tgt Ion: 43 Resp: 4313
Ion Ratio Lower Upper
43 100
58 29.1 0.0 0.4#



#33
Benzene
Concen: 47.022 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion: 78 Resp: 454464





#42

Toluene

Concen: 10.500 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022105.D

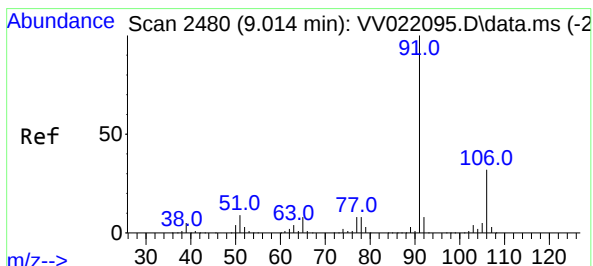
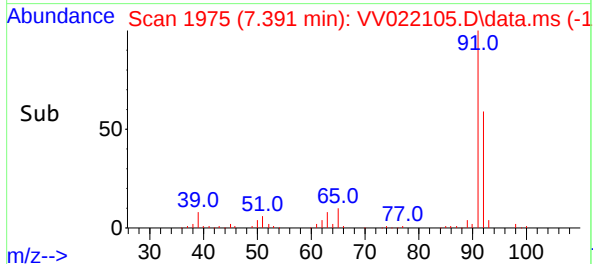
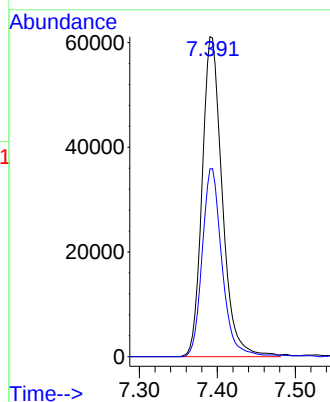
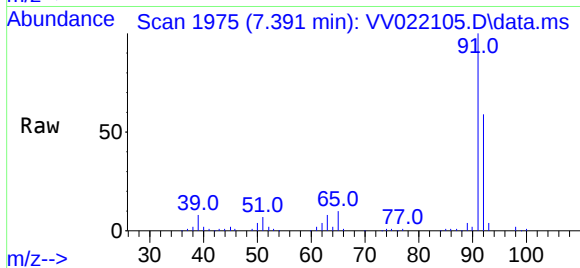
Acq: 07 Sep 2021 16:12

Tgt Ion: 91 Resp: 109531

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.8



#52

Ethylbenzene

Concen: 45.444 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022105.D

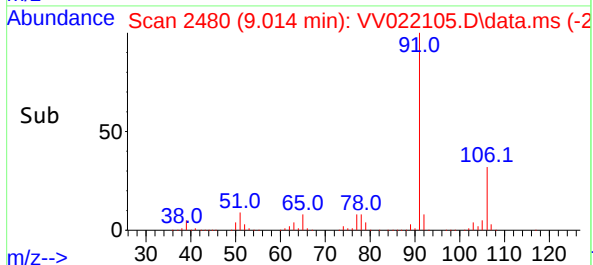
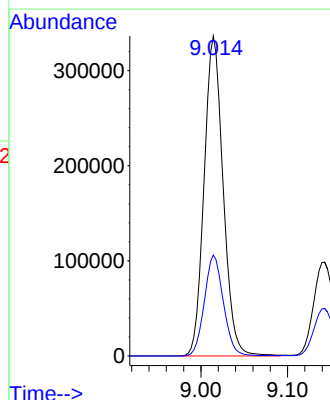
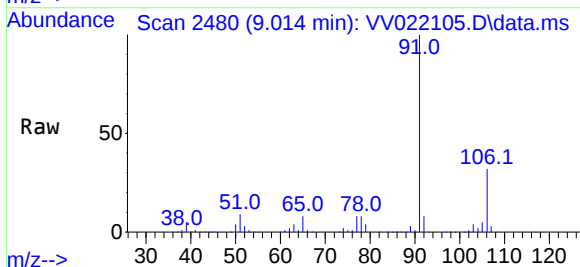
Acq: 07 Sep 2021 16:12

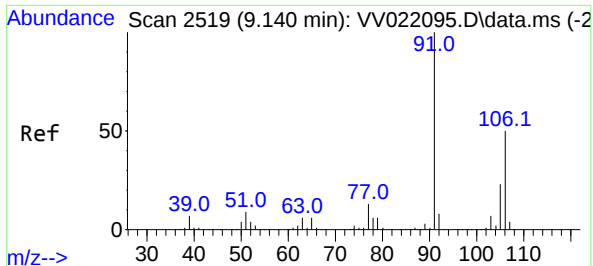
Tgt Ion: 91 Resp: 513156

Ion Ratio Lower Upper

91 100

106 31.6 21.7 40.3

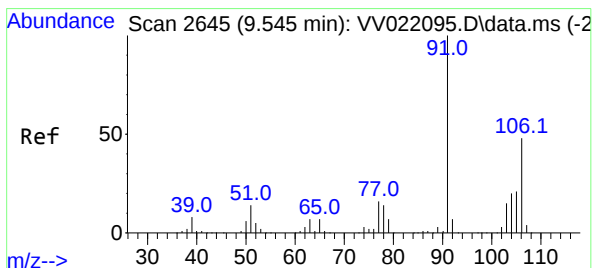
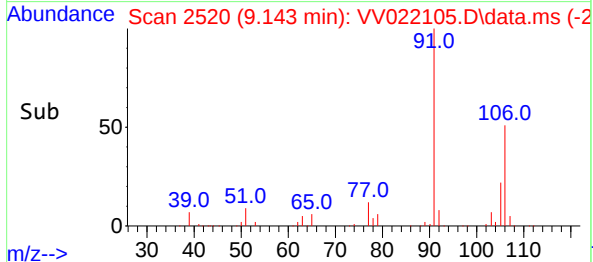
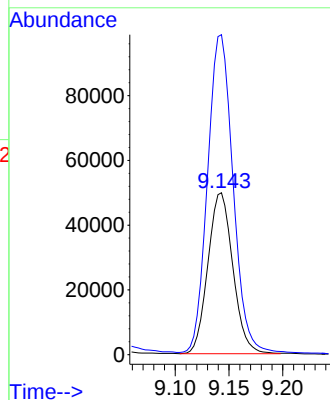
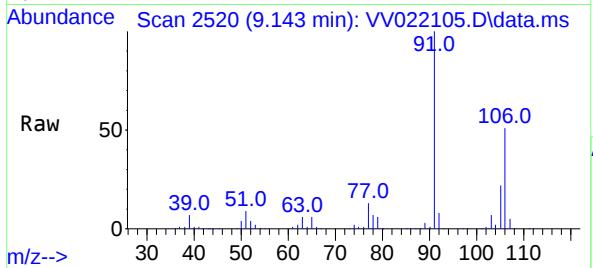




#53
m,p-Xylene
Concen: 18.228 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

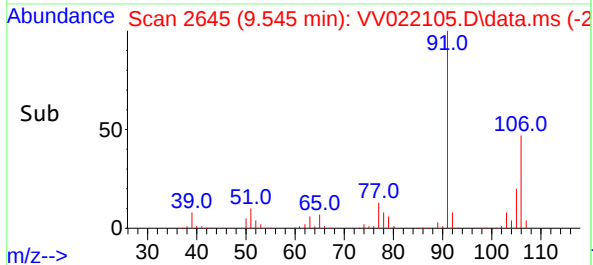
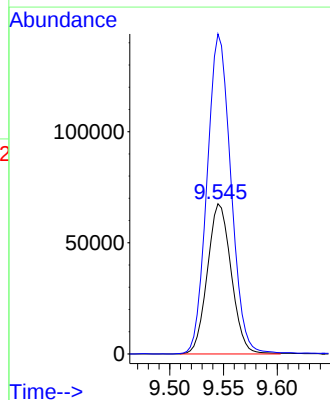
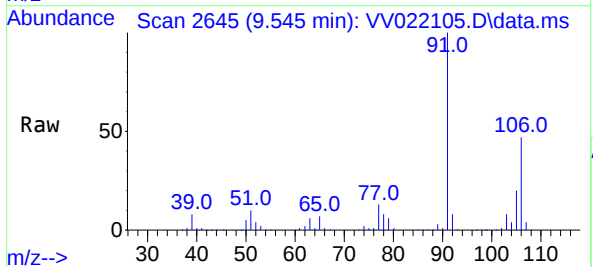
Instrument :
MSVOA_V
ClientSampleId :
DBKK9

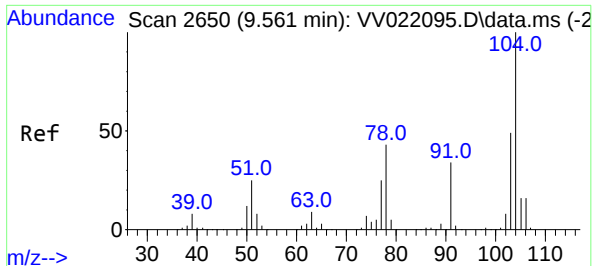
Tgt Ion:106 Resp: 80005
Ion Ratio Lower Upper
106 100
91 197.6 139.1 258.3



#54
o-Xylene
Concen: 24.018 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion:106 Resp: 104302
Ion Ratio Lower Upper
106 100
91 213.0 150.1 278.9

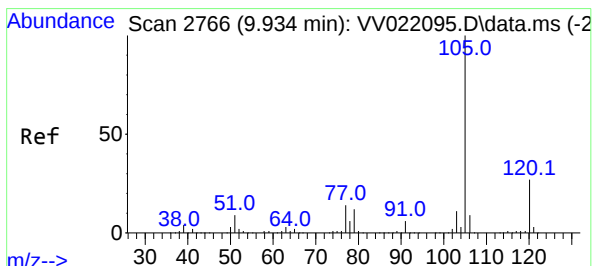
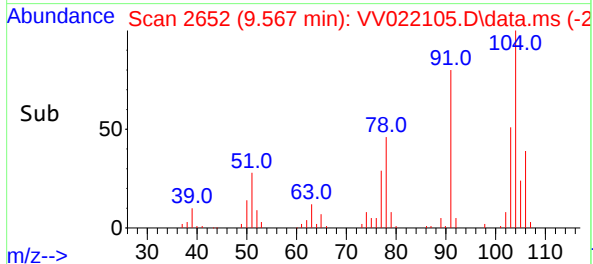
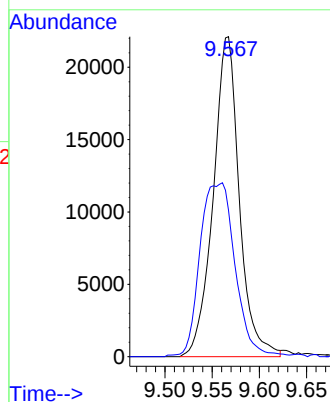
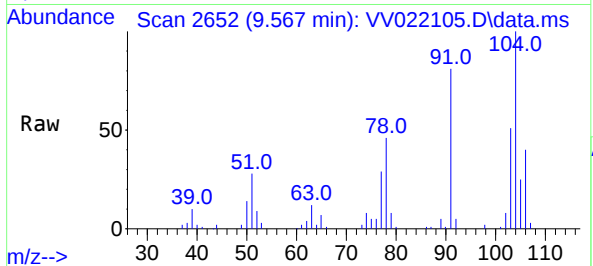




#55
Styrene
Concen: 5.726 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

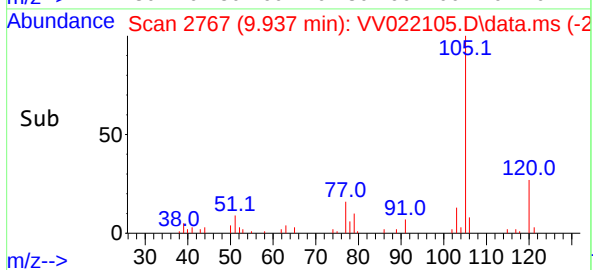
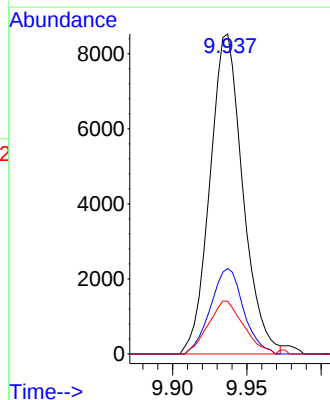
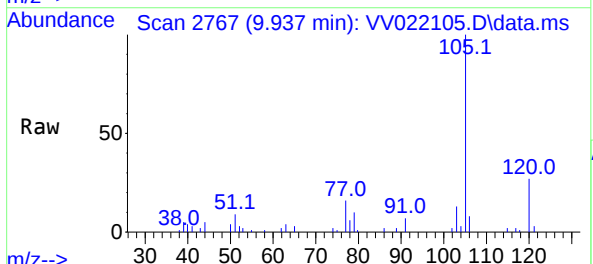
Instrument :
MSVOA_V
ClientSampled :
DBKK9

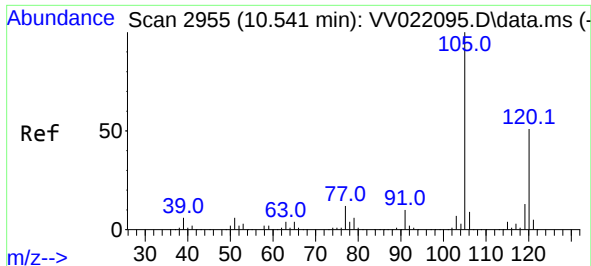
Tgt Ion:104 Resp: 42438
Ion Ratio Lower Upper
104 100
78 45.8 28.6 53.2



#60
Isopropylbenzene
Concen: 1.148 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion:105 Resp: 13112
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 17.7 11.8 17.6#

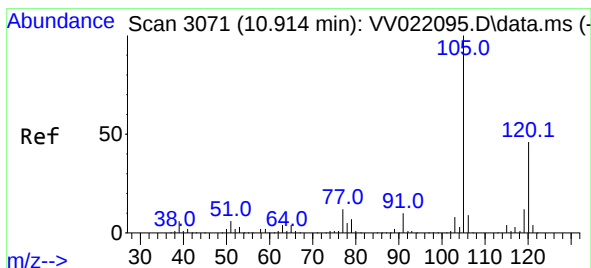
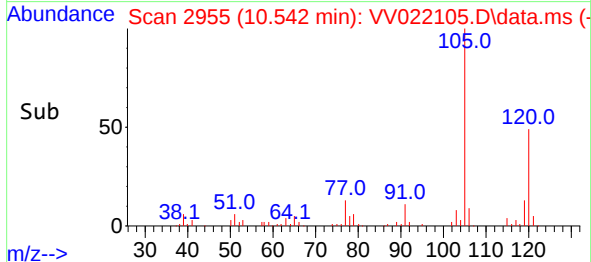
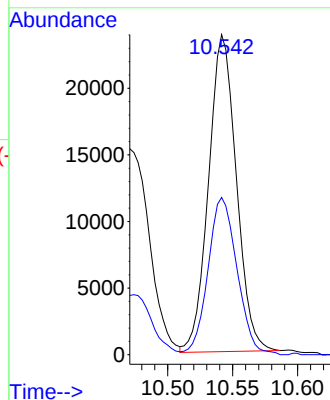
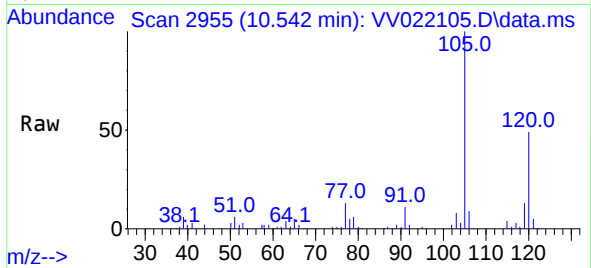




#62
1,3,5-Trimethylbenzene
Concen: 3.690 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Instrument :
MSVOA_V
ClientSampleId :
DBKK9

Tgt Ion:105 Resp: 35386
Ion Ratio Lower Upper
105 100
120 51.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 12.389 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion:105 Resp: 120767
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.0

