

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021071.D
 Acq On : 03 Dec 2021 18:04
 Operator : SY/VA
 Sample : M4881-10RE
 Misc : 3.78g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E6RE

Quant Time: Dec 04 01:40:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

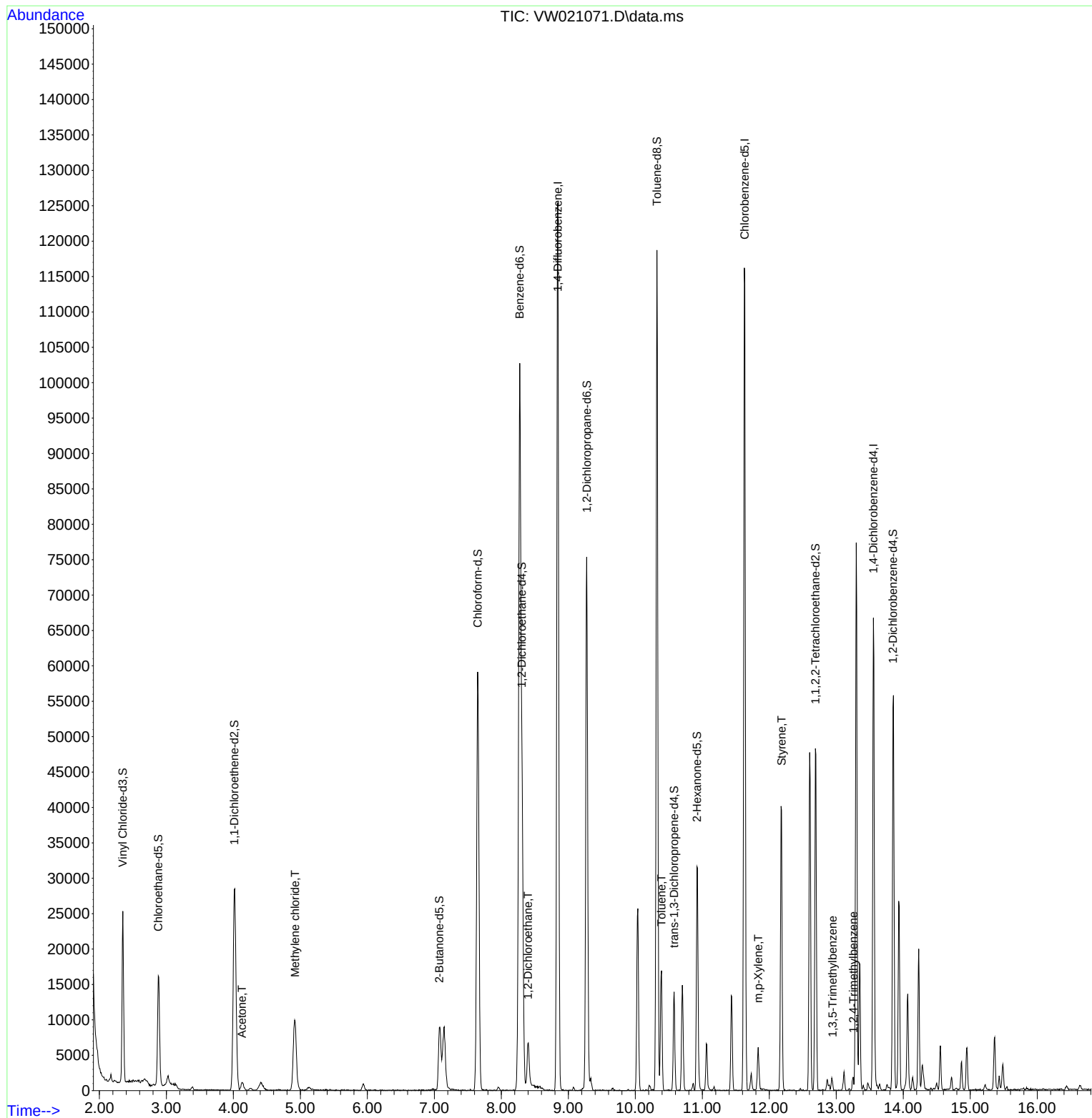
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	106886	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	66005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16916	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21138	14.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.760%
7) Chloroethane-d5	2.879	69	17998	18.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	4.013	63	26653	11.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.800%#
21) 2-Butanone-d5	7.074	46	15834	46.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.220%
24) Chloroform-d	7.647	84	58426	21.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.320%
26) 1,2-Dichloroethane-d4	8.305	65	29168	19.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.680%
32) Benzene-d6	8.275	84	98423	29.163	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.640%
36) 1,2-Dichloropropane-d6	9.275	67	31685	33.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.120%#
41) Toluene-d8	10.323	98	75623	21.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	10.579	79	7221	16.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.840%
47) 2-Hexanone-d5	10.921	63	10747	59.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	21778	25.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	14608	24.102	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	2181	7.049	ug/L	94
16) Methylene chloride	4.922	84	8062	4.788	ug/L	84
27) 1,2-Dichloroethane	8.397	62	5212	3.030	ug/L	98
42) Toluene	10.390	91	12728	2.969	ug/L	99
53) m,p-Xylene	11.835	106	1814	0.909	ug/L	96
55) Styrene	12.183	104	19462	6.068	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	783	0.398	ug/L	95
63) 1,2,4-Trimethylbenzene	13.256	105	1438	0.726	ug/L	99

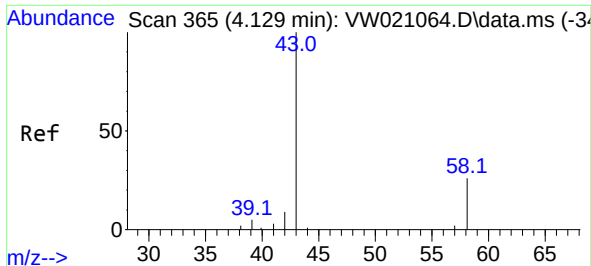
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration

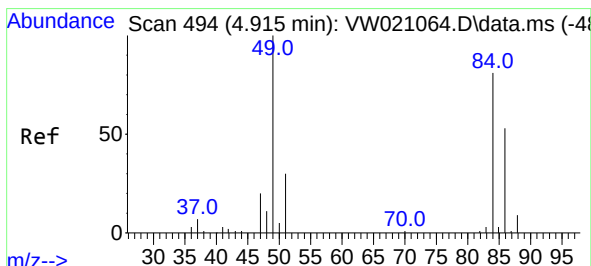
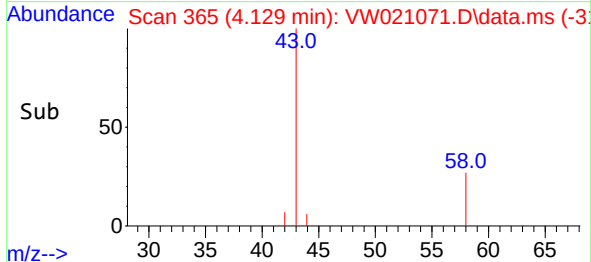
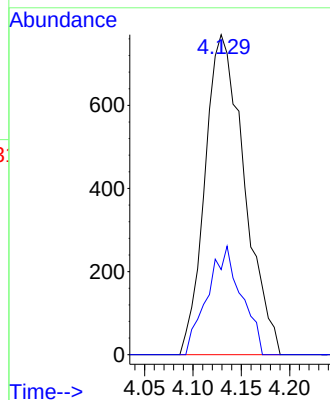
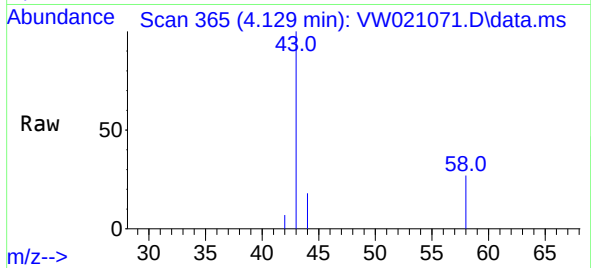




#13
Acetone
Concen: 7.049 ug/L
RT: 4.129 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

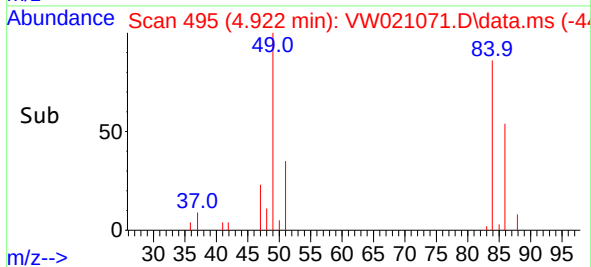
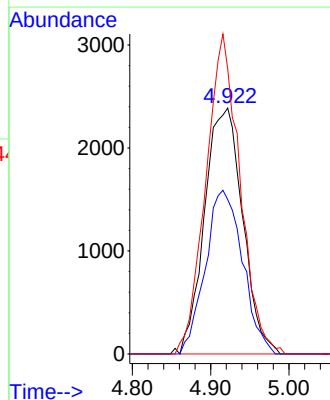
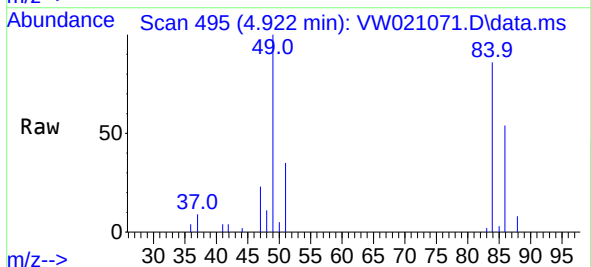
Instrument :
MSVOA_W
ClientSampleId :
EW9E6RE

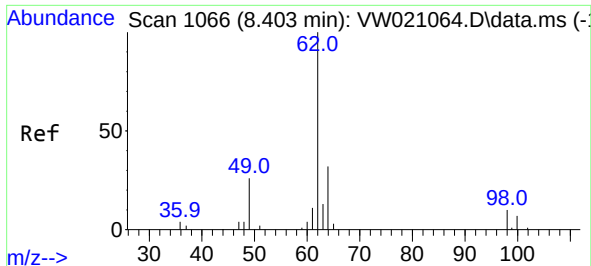
Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#16
Methylene chloride
Concen: 4.788 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Tgt Ion: 84 Resp: 8062
Ion Ratio Lower Upper
84 100
86 62.8 45.5 84.5
49 115.9 100.5 186.7





#27

1,2-Dichloroethane

Concen: 3.030 ug/L

RT: 8.397 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

Instrument :

MSVOA_W

ClientSampleId :

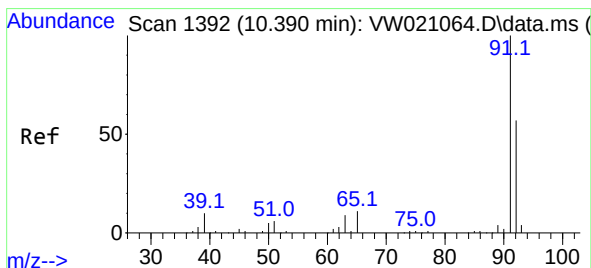
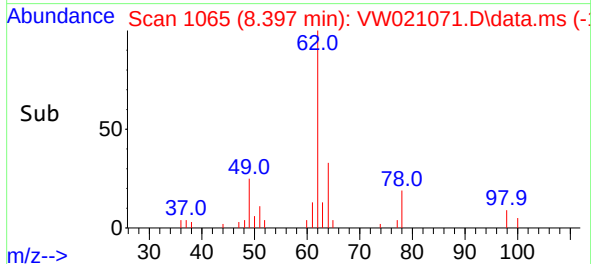
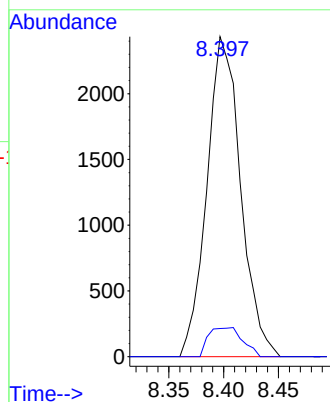
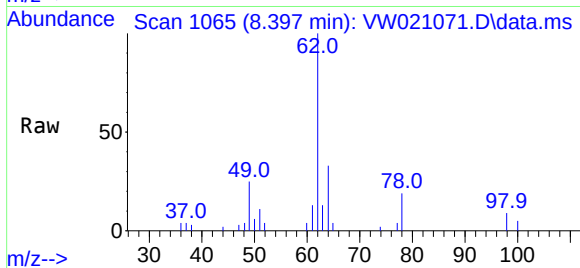
EW9E6RE

Tgt Ion: 62 Resp: 5212

Ion Ratio Lower Upper

62 100

98 8.8 6.5 9.7



#42

Toluene

Concen: 2.969 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021071.D

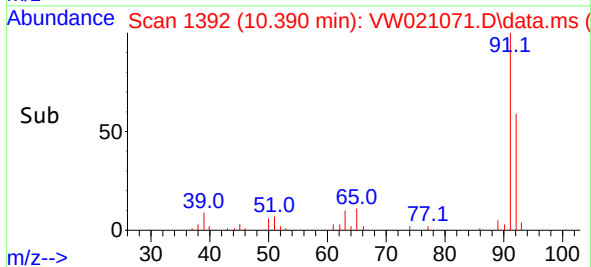
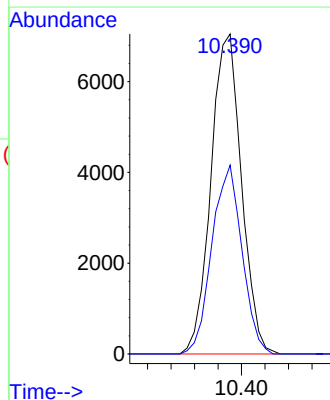
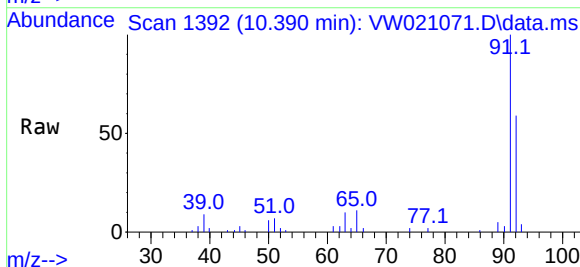
Acq: 03 Dec 2021 18:04

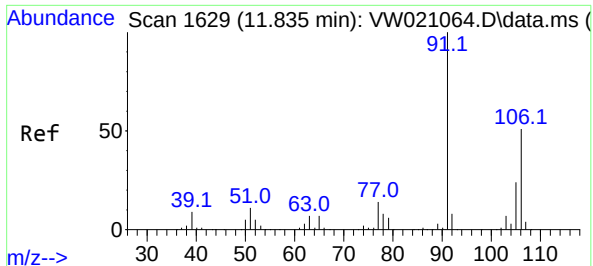
Tgt Ion: 91 Resp: 12728

Ion Ratio Lower Upper

91 100

92 59.0 41.7 77.5

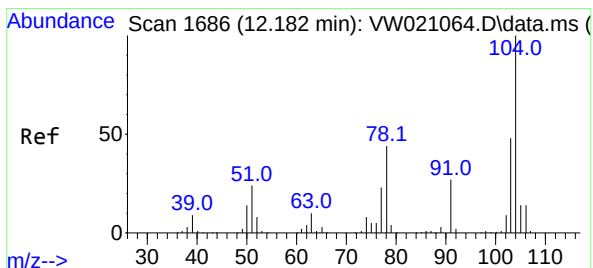
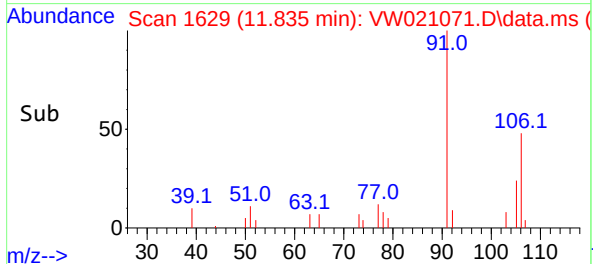
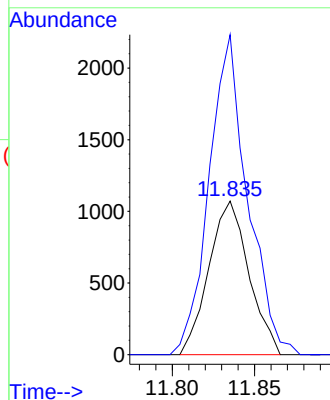
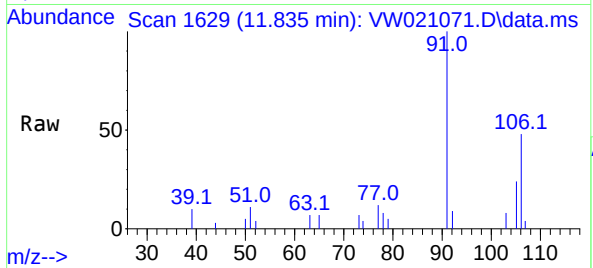




#53
m,p-Xylene
Concen: 0.909 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

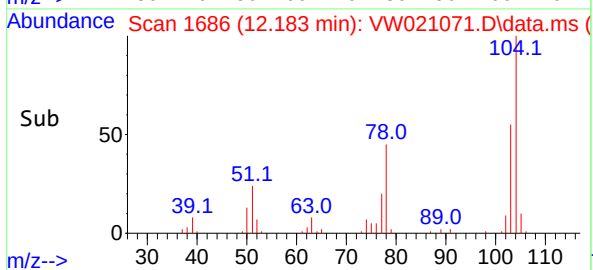
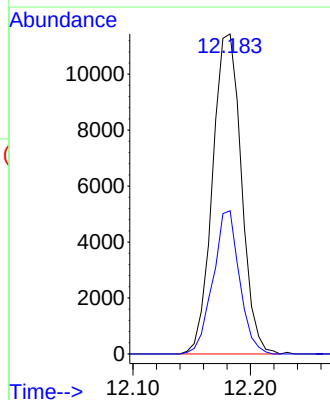
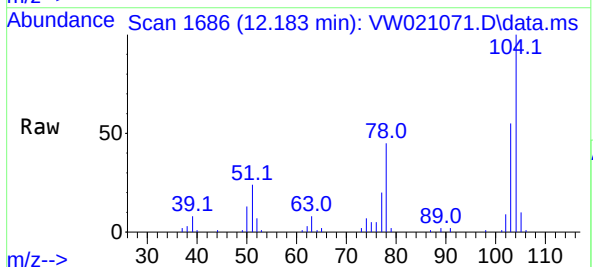
Instrument :
MSVOA_W
ClientSampleId :
EW9E6RE

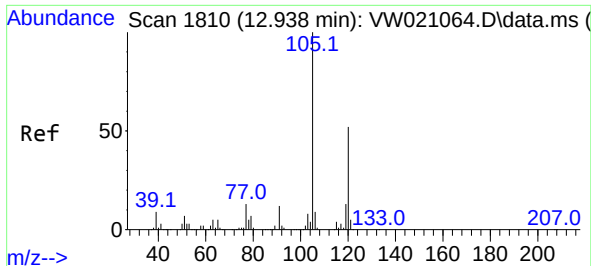
Tgt Ion:106 Resp: 1814
Ion Ratio Lower Upper
106 100
91 208.3 149.9 278.3



#55
Styrene
Concen: 6.068 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021071.D
Acq: 03 Dec 2021 18:04

Tgt Ion:104 Resp: 19462
Ion Ratio Lower Upper
104 100
78 44.7 34.4 64.0





#62

1,3,5-Trimethylbenzene

Concen: 0.398 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

Instrument :

MSVOA_W

ClientSampleId :

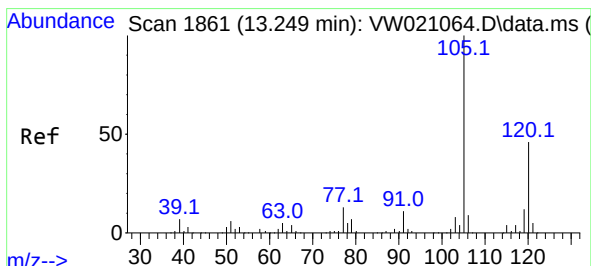
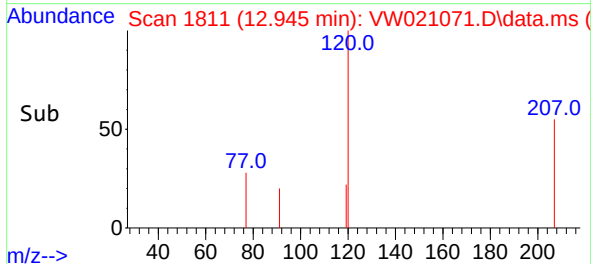
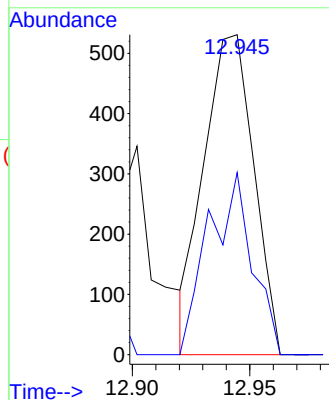
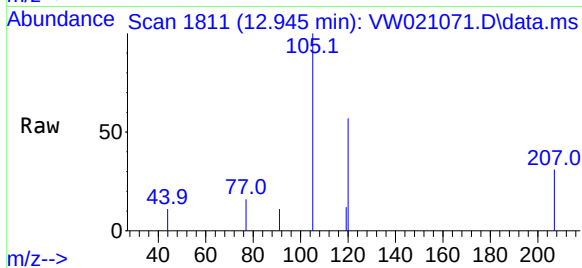
EW9E6RE

Tgt Ion:105 Resp: 783

Ion Ratio Lower Upper

105 100

120 50.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.726 ug/L

RT: 13.256 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VW021071.D

Acq: 03 Dec 2021 18:04

Tgt Ion:105 Resp: 1438

Ion Ratio Lower Upper

105 100

120 42.8 35.0 52.6

