

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021044.D
 Acq On : 02 Dec 2021 14:00
 Operator : SY/VA
 Sample : M4886-04
 Misc : 4.91g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9N0

Quant Time: Dec 03 02:24:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

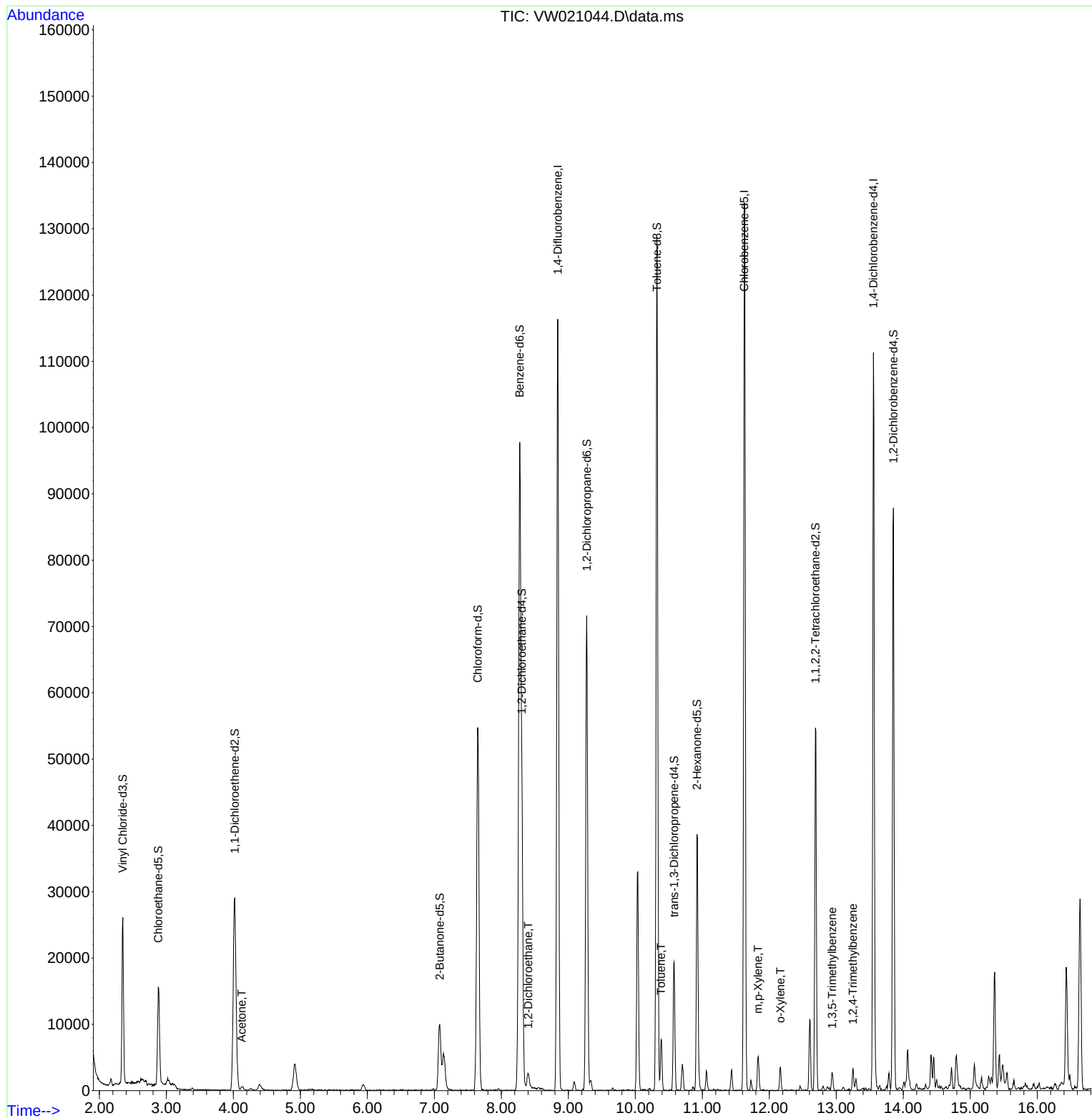
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	98869	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	75847	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	29357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22073	19.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.000%
7) Chloroethane-d5	2.879	69	17363	23.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	4.019	63	26415	11.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.600%
21) 2-Butanone-d5	7.080	46	17141	59.882	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.760%
24) Chloroform-d	7.647	84	54396	21.835	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	8.305	65	30373	24.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.080%
32) Benzene-d6	8.275	84	95356	23.854	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.274	67	30283	26.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.400%
41) Toluene-d8	10.323	98	82630	20.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	10.579	79	10109	18.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.160%
47) 2-Hexanone-d5	10.920	63	12583	66.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25319	29.035	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	23029	22.009	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	1146	4.484	ug/L	95
27) 1,2-Dichloroethane	8.403	62	1922	1.313	ug/L	100
42) Toluene	10.384	91	5624	1.164	ug/L	99
53) m,p-Xylene	11.829	106	1692	0.774	ug/L	83
54) o-Xylene	12.164	106	1076	0.513	ug/L	68
62) 1,3,5-Trimethylbenzene	12.938	105	1480	0.439	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	2082	0.626	ug/L	99

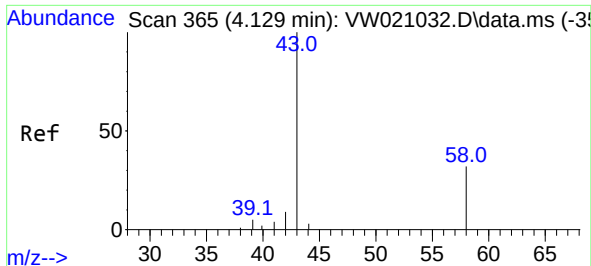
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 02:24:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration

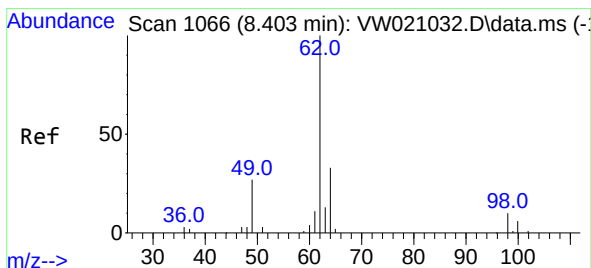
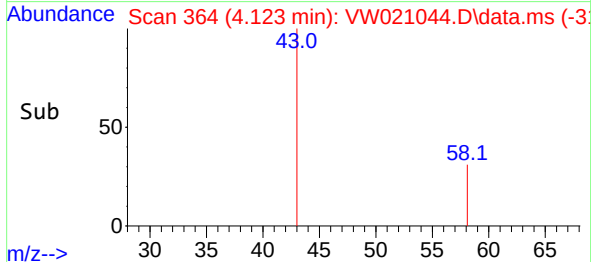
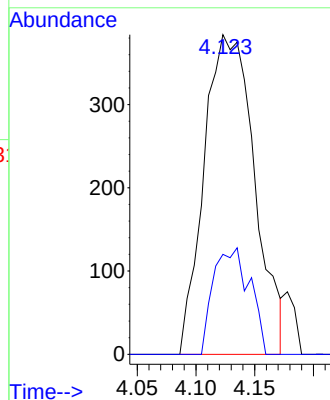
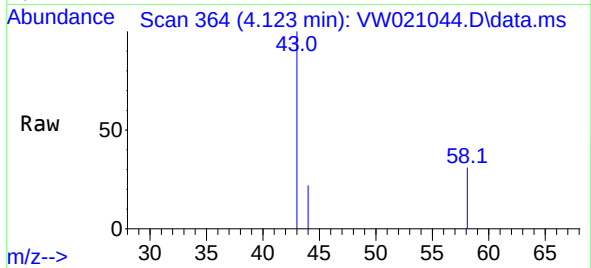




#13
Acetone
Concen: 4.484 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

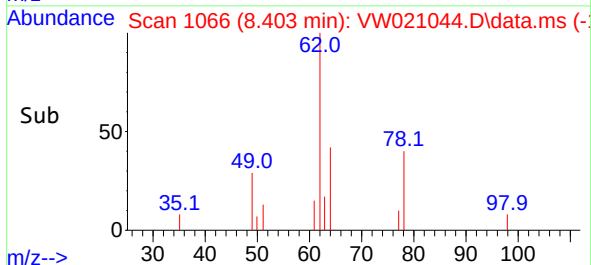
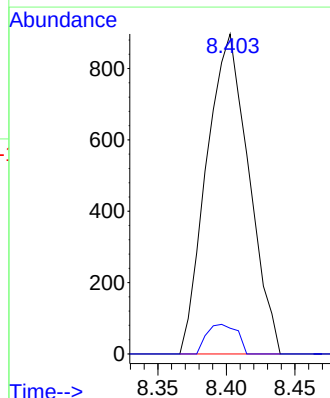
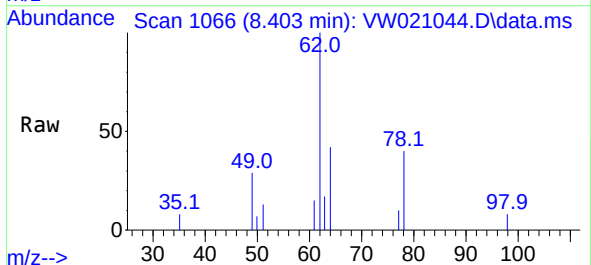
Instrument :
MSVOA_W
ClientSampleId :
EW9N0

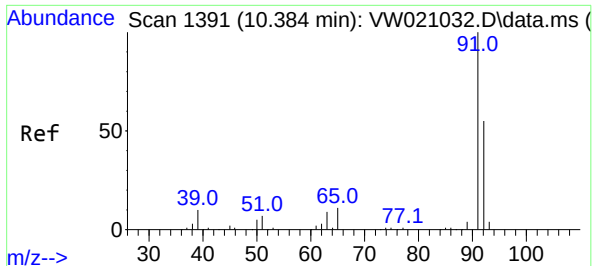
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 24.0 0.0 52.8



#27
1,2-Dichloroethane
Concen: 1.313 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 62 Resp: 1922
Ion Ratio Lower Upper
62 100
98 8.0 6.5 9.7

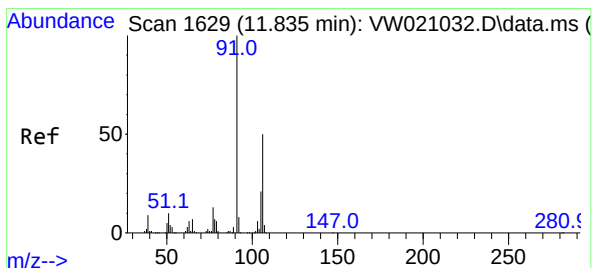
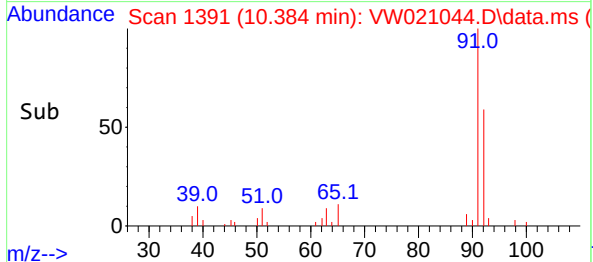
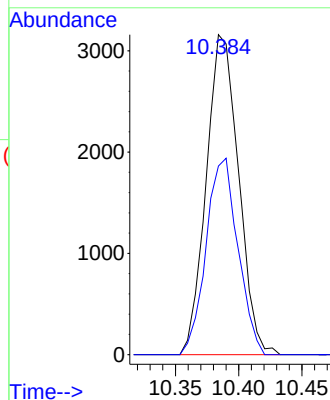
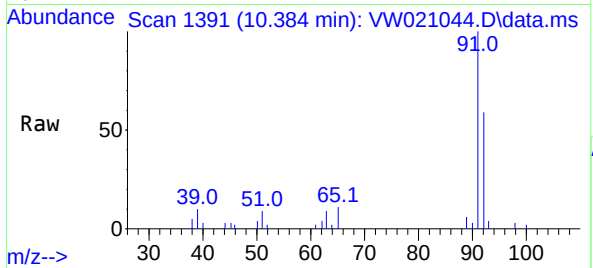




#42
Toluene
Concen: 1.164 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

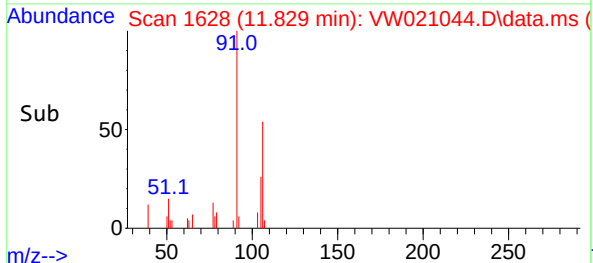
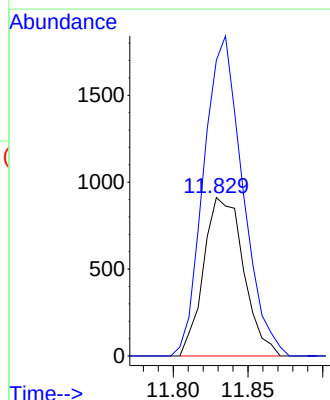
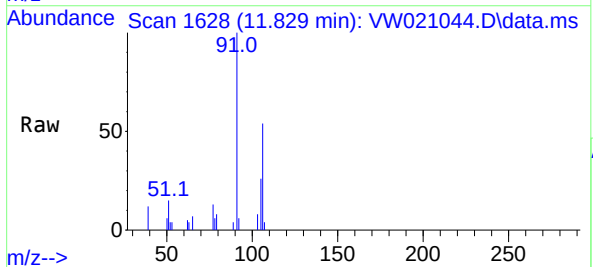
Instrument :
MSVOA_W
ClientSampleId :
EW9N0

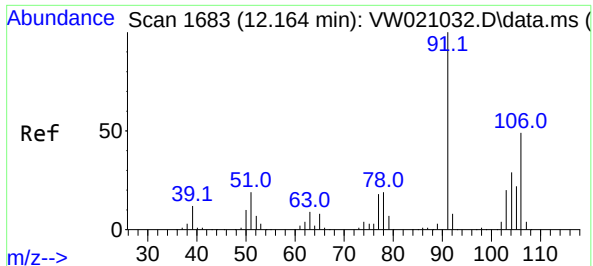
Tgt Ion: 91 Resp: 5624
Ion Ratio Lower Upper
91 100
92 58.9 41.7 77.5



#53
m,p-Xylene
Concen: 0.774 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

Tgt Ion: 106 Resp: 1692
Ion Ratio Lower Upper
106 100
91 186.7 149.9 278.3

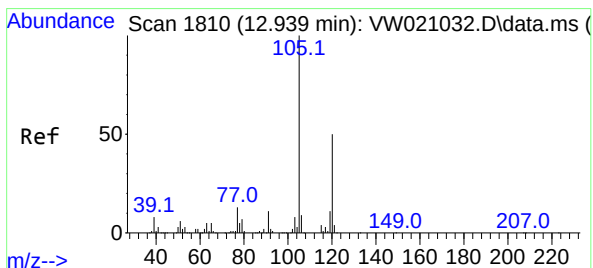
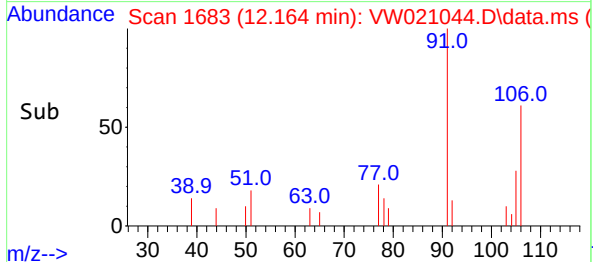
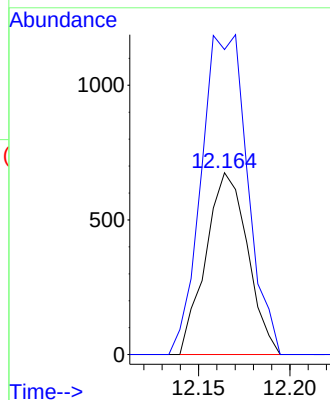
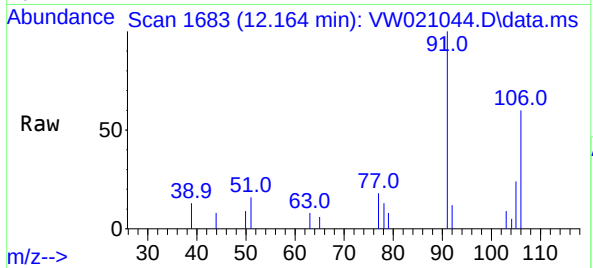




#54
o-Xylene
Concen: 0.513 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

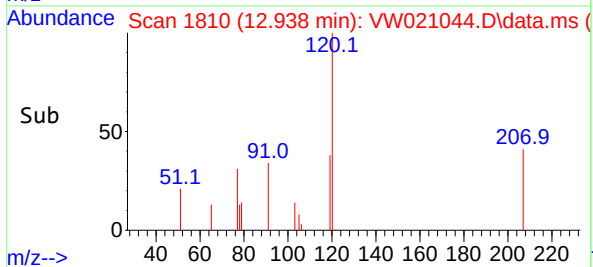
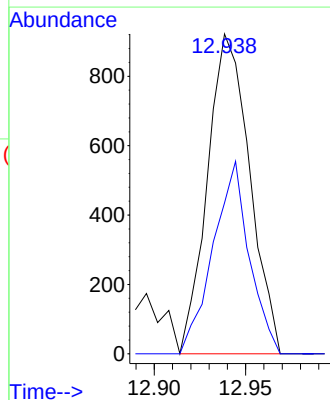
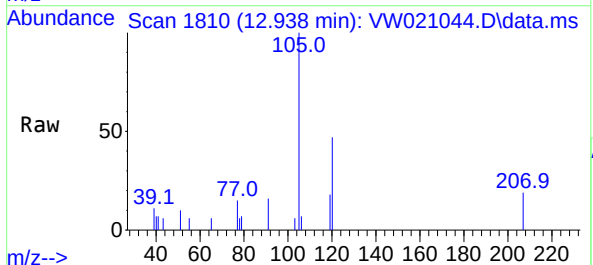
Instrument :
MSVOA_W
ClientSampleId :
EW9N0

Tgt Ion:106 Resp: 1076
Ion Ratio Lower Upper
106 100
91 167.9 153.6 285.3

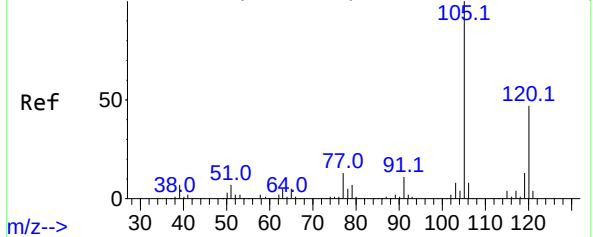


#62
1,3,5-Trimethylbenzene
Concen: 0.439 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

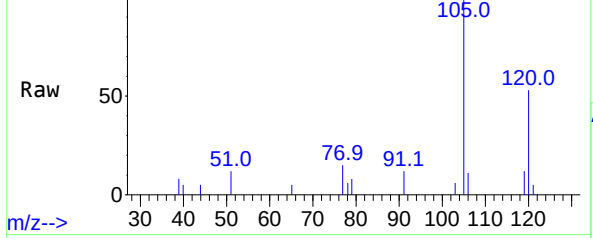
Tgt Ion:105 Resp: 1480
Ion Ratio Lower Upper
105 100
120 51.6 37.4 56.2



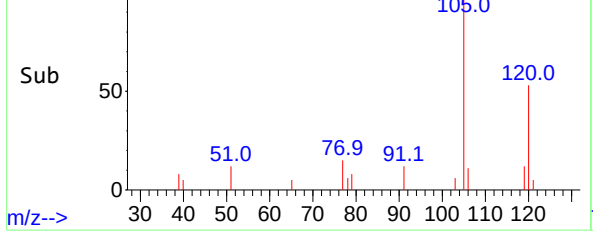
Abundance Scan 1861 (13.249 min): VW021032.D\data.ms (



Abundance Scan 1861 (13.249 min): VW021044.D\data.ms



Abundance Scan 1861 (13.249 min): VW021044.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 0.626 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021044.D
Acq: 02 Dec 2021 14:00

Instrument :
MSVOA_W
ClientSampleId :
EW9N0

Tgt Ion:105 Resp: 2082
Ion Ratio Lower Upper
105 100
120 44.2 35.0 52.6

