

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025936.D
 Acq On : 10 May 2023 17:41
 Operator : SY/MD
 Sample : 02689-12
 Misc : 3.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREM4

Quant Time: May 11 02:13:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

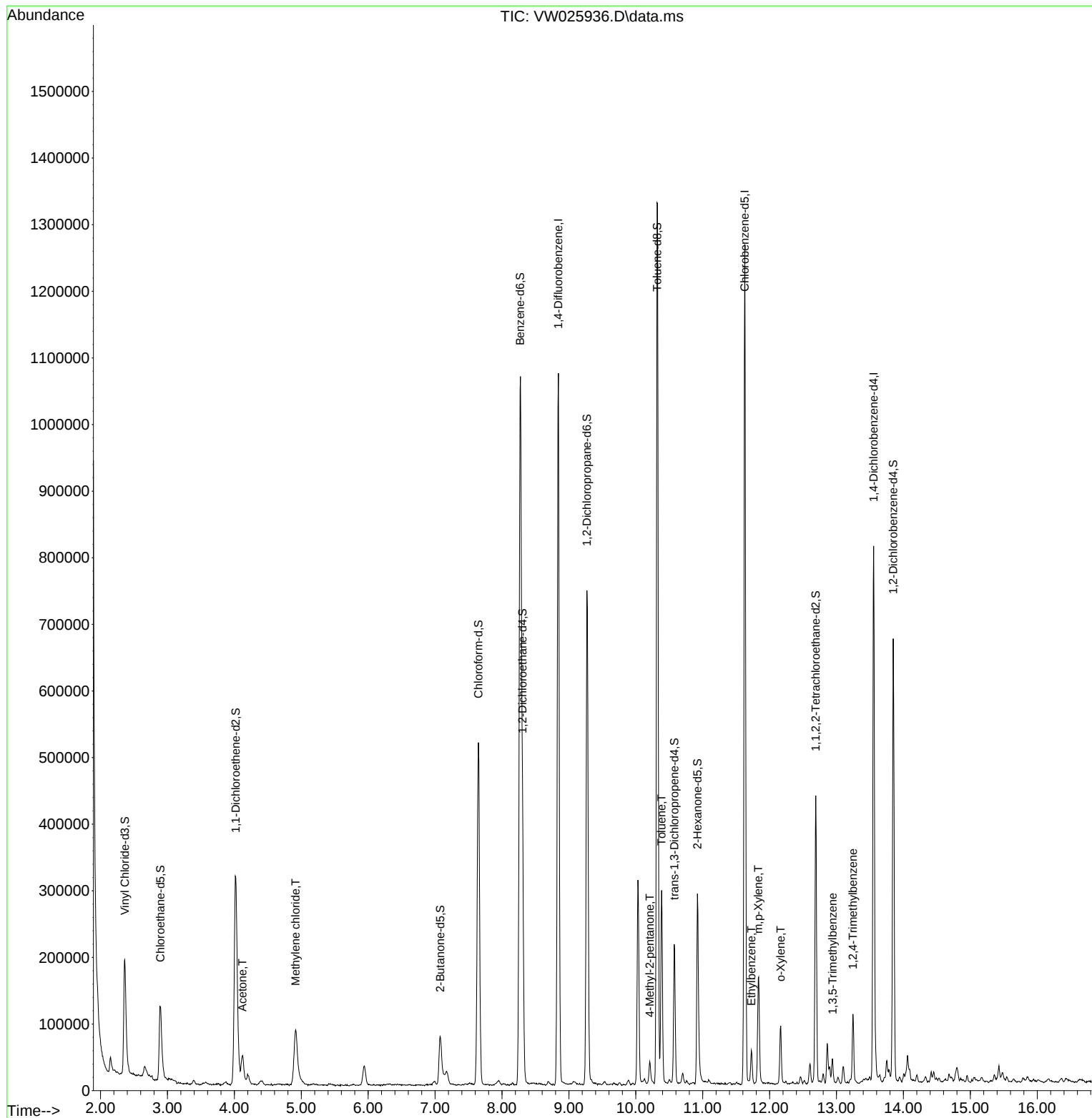
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	831887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	635866	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198024	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247574	21.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.893	69	177476	20.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	4.021	65	123125	20.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.440%
21) 2-Butanone-d5	7.075	46	131223	33.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.340%
24) Chloroform-d	7.648	84	516330	21.525	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	8.307	65	298108	21.977	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.920%
32) Benzene-d6	8.270	84	1072046	25.802	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	9.270	67	347642	26.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.600%
41) Toluene-d8	10.319	98	861546	23.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	10.575	79	108939	20.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.880%
47) 2-Hexanone-d5	10.922	63	90301	39.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218604	21.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	152096	21.069	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.280%
Target Compounds						Qvalue
13) Acetone	4.118	43	73061	21.143	ug/L	100
16) Methylene chloride	4.917	84	68263	3.979	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	23059	2.939	ug/L	98
42) Toluene	10.386	91	205206	4.565	ug/L	98
52) Ethylbenzene	11.727	91	32584	0.644	ug/L	99
53) m,p-Xylene	11.830	106	48266	2.594	ug/L	91
54) o-Xylene	12.166	106	21822	1.244	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	16705	0.701	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	53886	2.449	ug/L	99

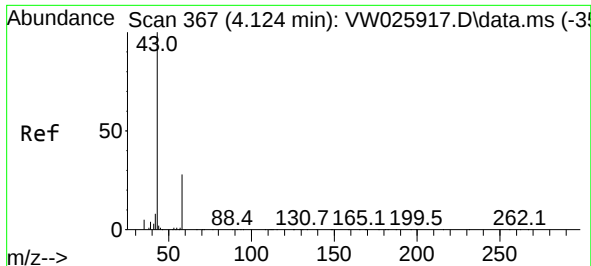
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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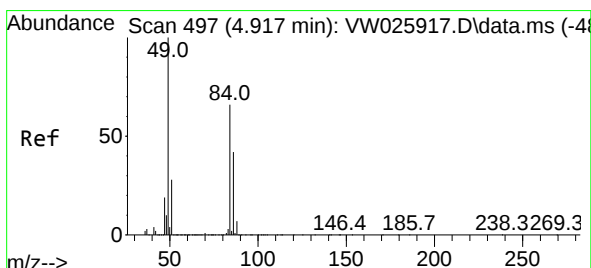
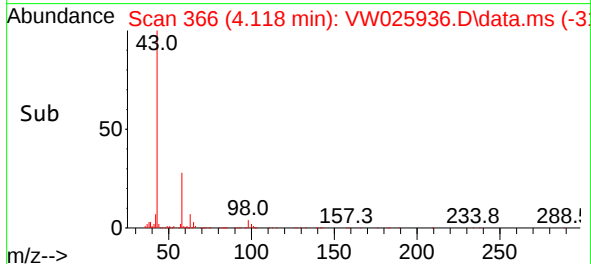
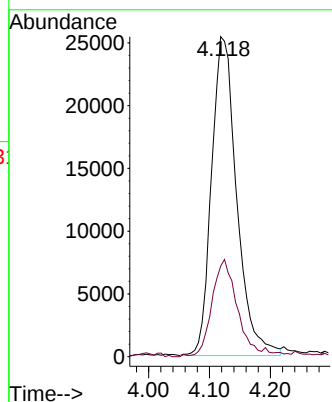
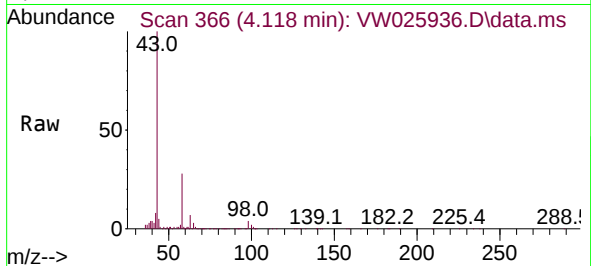




#13
Acetone
Concen: 21.143 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

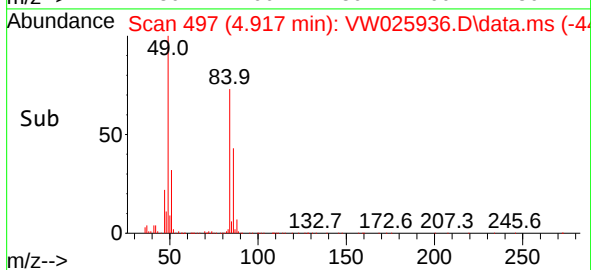
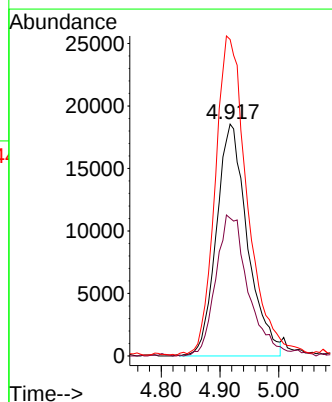
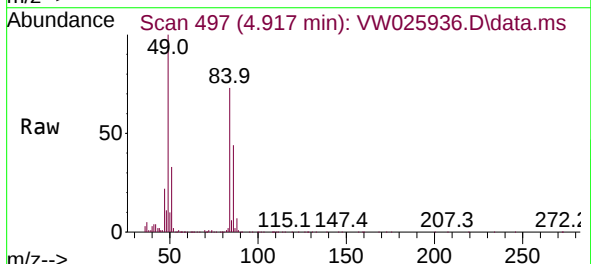
Instrument :
MSVOA_W
ClientSampleId :
JREM4

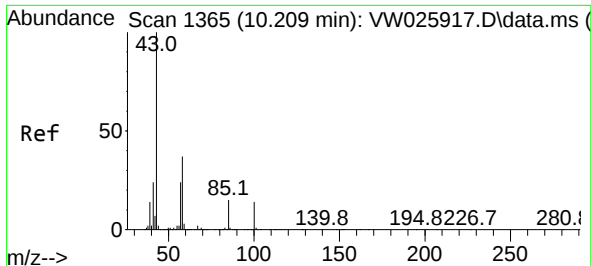
Tgt Ion: 43 Resp: 73061
Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.2



#16
Methylene chloride
Concen: 3.979 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

Tgt Ion: 84 Resp: 68263
Ion Ratio Lower Upper
84 100
86 59.4 41.7 77.5
49 136.5 95.3 177.1





#40

4-Methyl-2-pentanone

Concen: 2.939 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025936.D

Acq: 10 May 2023 17:41

Instrument :

MSVOA_W

ClientSampleId :

JREM4

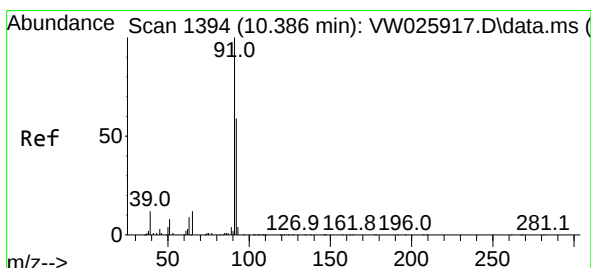
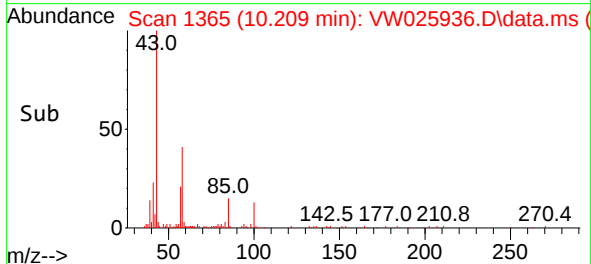
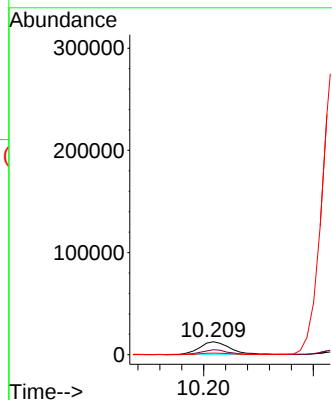
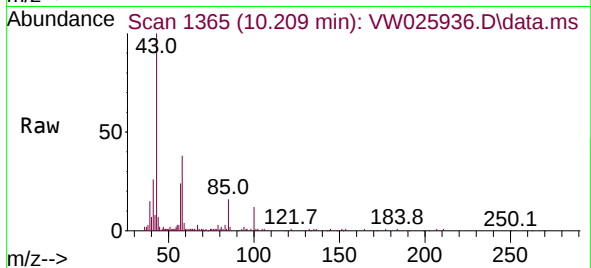
Tgt Ion: 43 Resp: 23059

Ion Ratio Lower Upper

43 100

58 38.0 29.4 44.0

100 13.9 10.1 15.1



#42

Toluene

Concen: 4.565 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025936.D

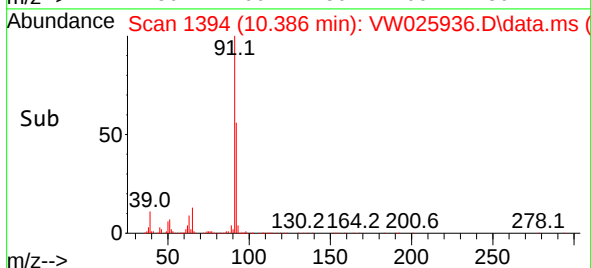
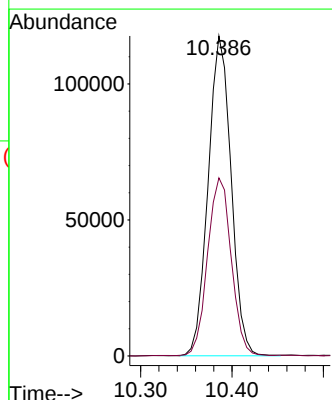
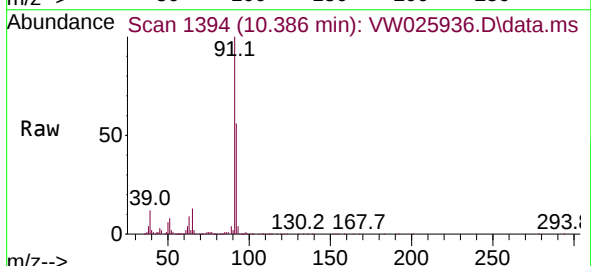
Acq: 10 May 2023 17:41

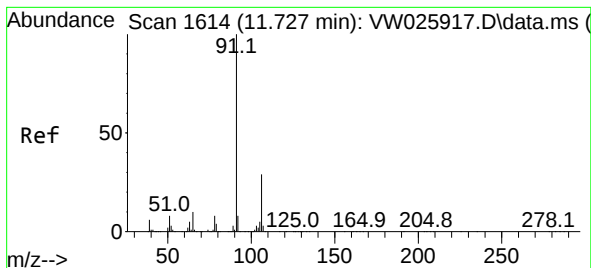
Tgt Ion: 91 Resp: 205206

Ion Ratio Lower Upper

91 100

92 55.6 40.2 74.6

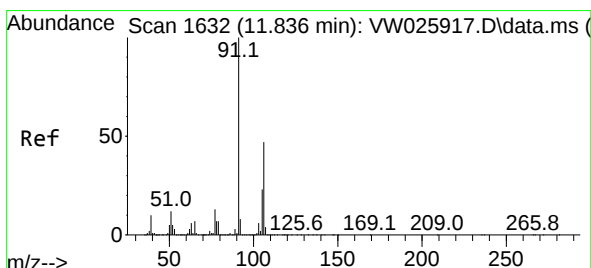
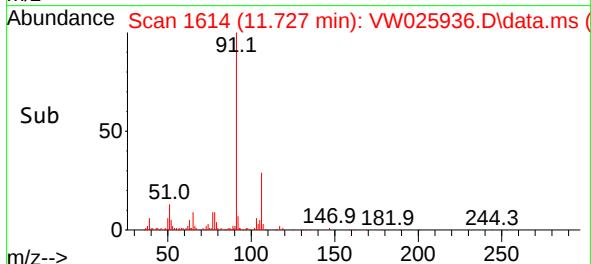
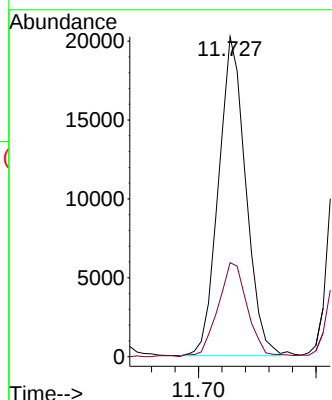
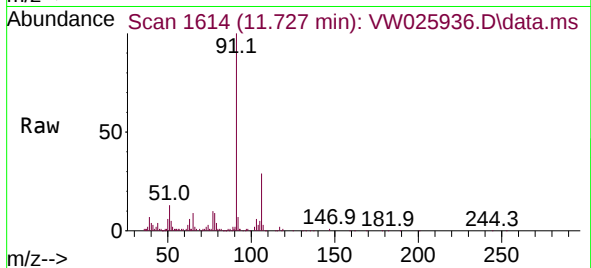




#52
Ethylbenzene
Concen: 0.644 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

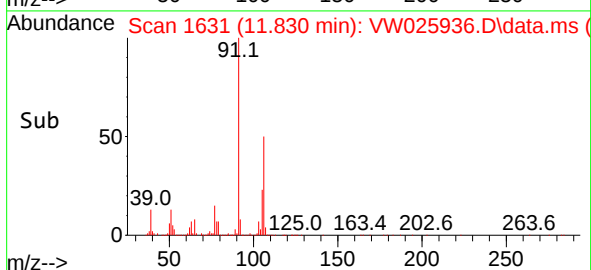
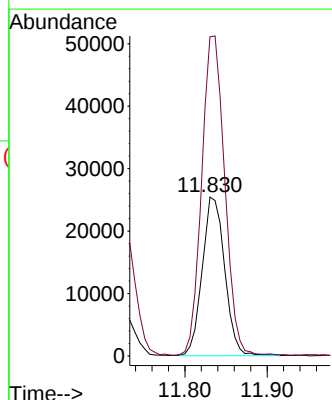
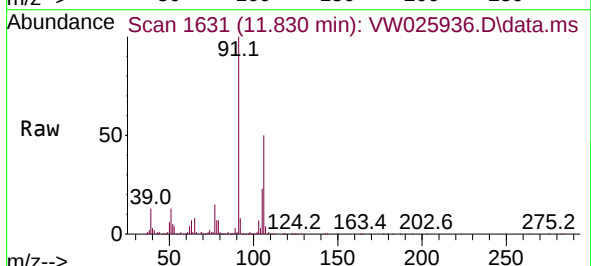
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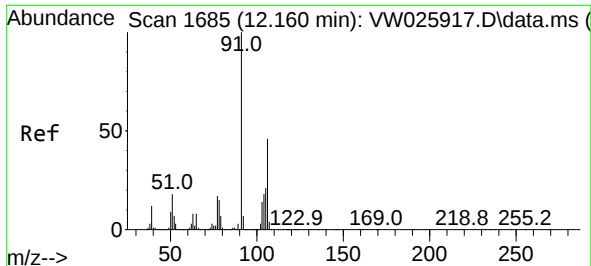
Tgt Ion: 91 Resp: 32584
Ion Ratio Lower Upper
91 100
106 29.4 20.8 38.6



#53
m,p-Xylene
Concen: 2.594 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

Tgt Ion: 106 Resp: 48266
Ion Ratio Lower Upper
106 100
91 200.9 150.1 278.9

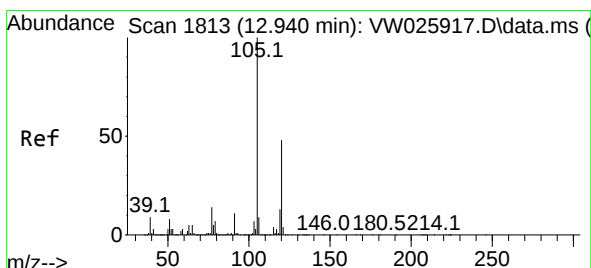
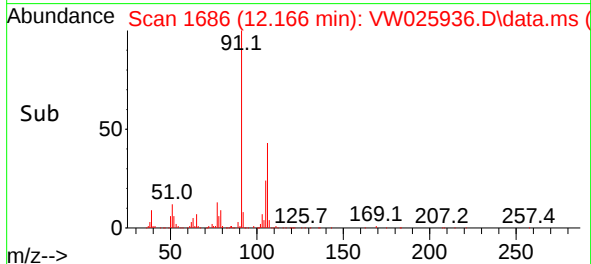
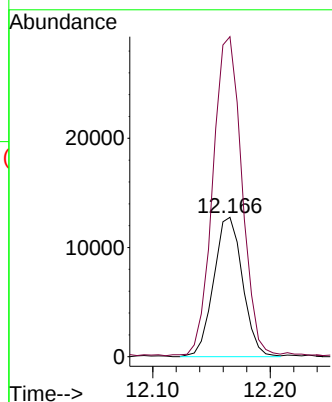
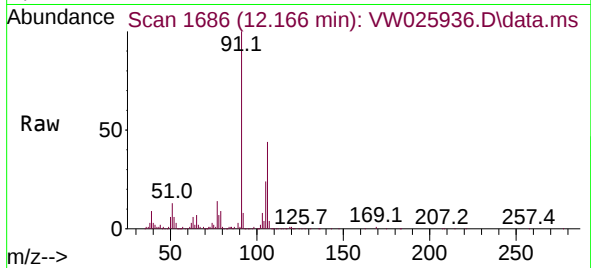




#54
o-Xylene
Concen: 1.244 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

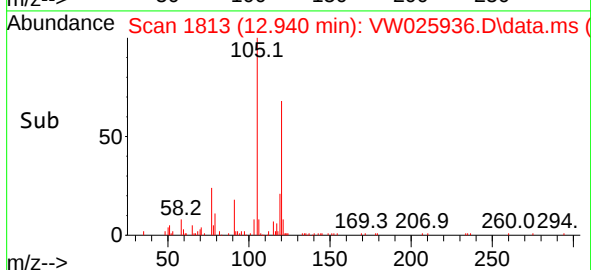
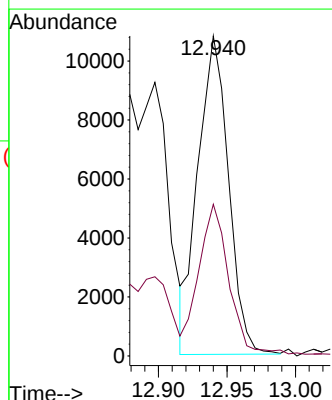
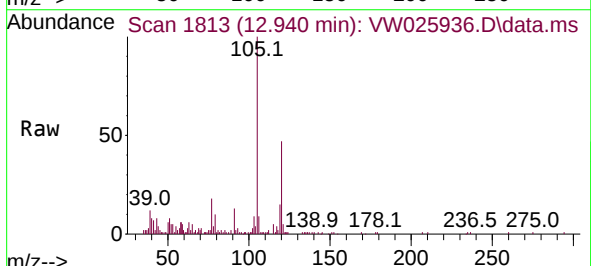
Instrument :
MSVOA_W
ClientSampleId :
JREM4

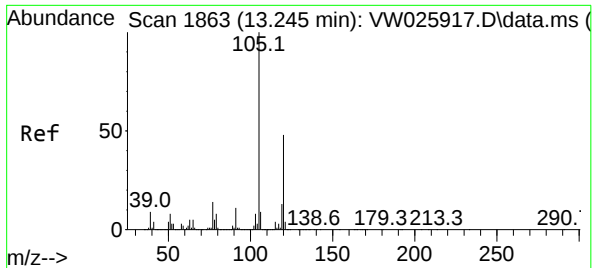
Tgt Ion:106 Resp: 21822
Ion Ratio Lower Upper
106 100
91 229.7 157.8 293.1



#62
1,3,5-Trimethylbenzene
Concen: 0.701 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

Tgt Ion:105 Resp: 16705
Ion Ratio Lower Upper
105 100
120 42.8 37.1 55.7





#63
 1,2,4-Trimethylbenzene
 Concen: 2.449 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025936.D
 Acq: 10 May 2023 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 JREM4

Tgt Ion:	105	Resp:	53886
Ion Ratio	Lower	Upper	
105	100		
120	44.3	34.7	52.1

