

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)

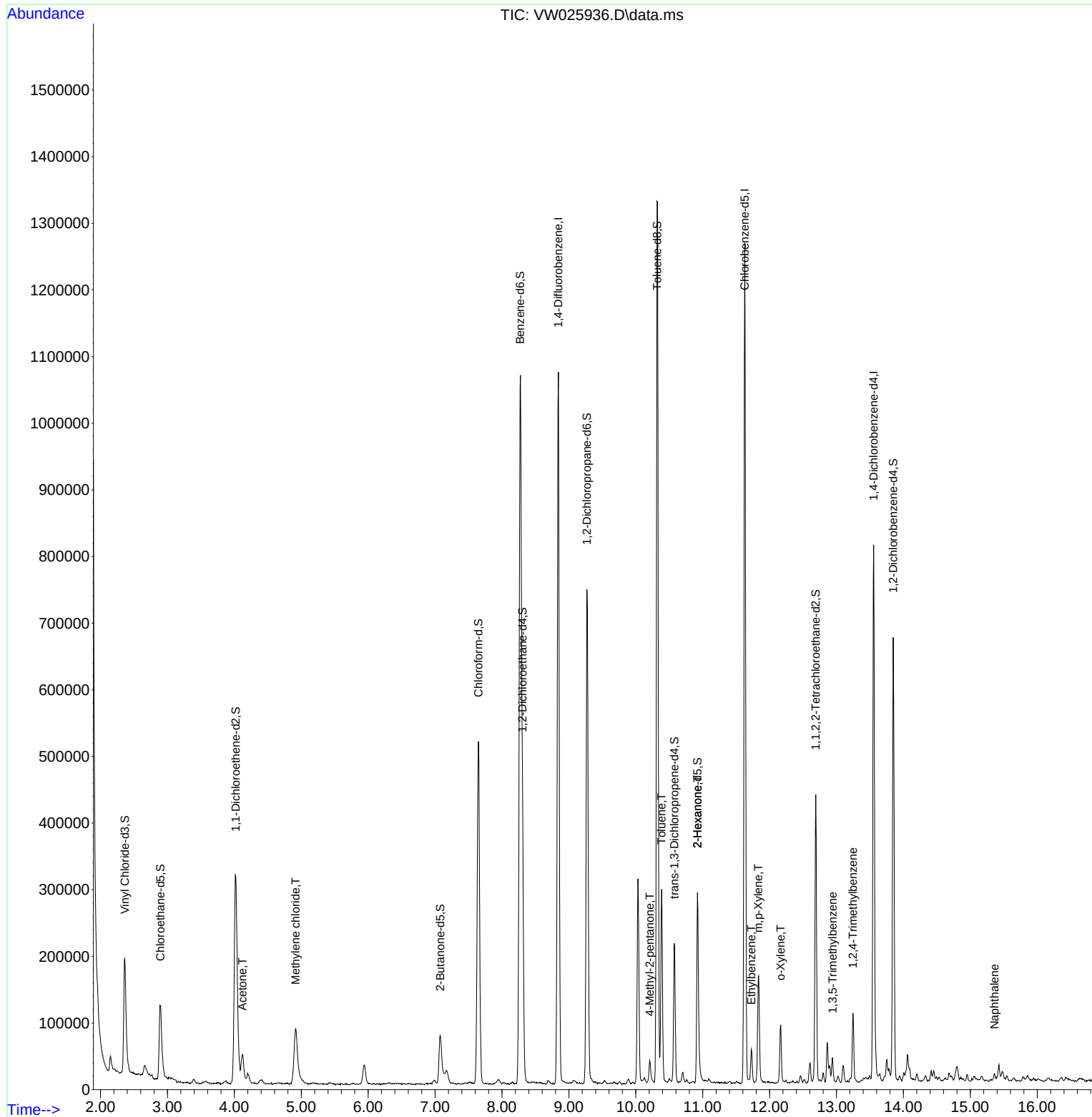
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	831887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	635866	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198024	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247574	21.002	ug/L	0.00
Spiked Amount	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
48) 2-Hexanone	10.922	43	22851	4.066	ug/L #	62
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
71) Naphthalene	15.360	128	8586	0.631	ug/L #	88

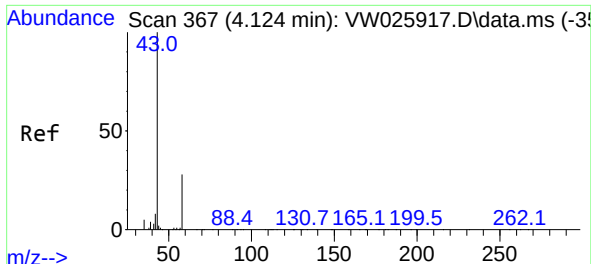
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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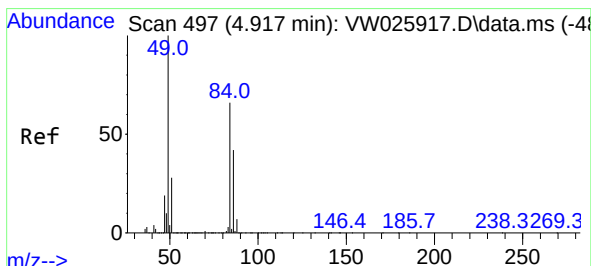
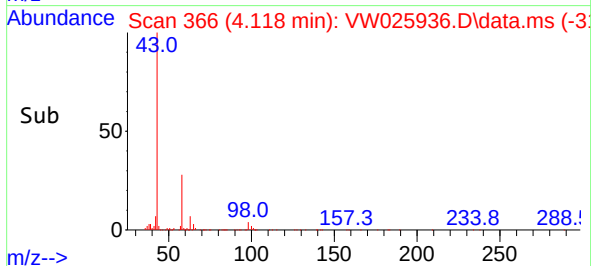
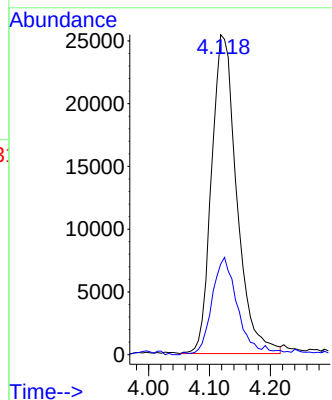
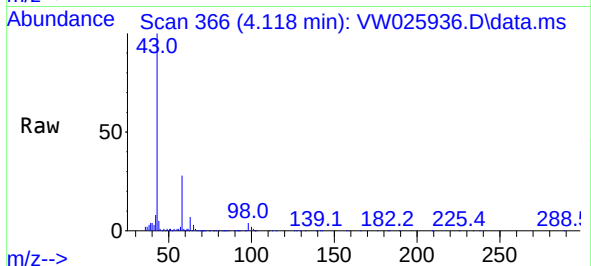




#13
Acetone
Concen: 21.143 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

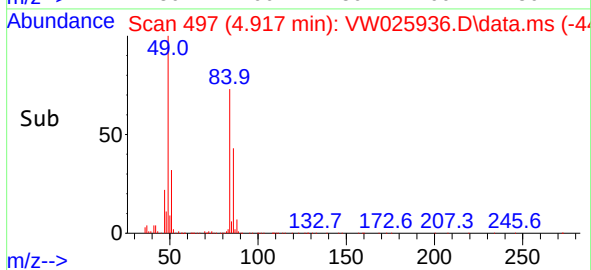
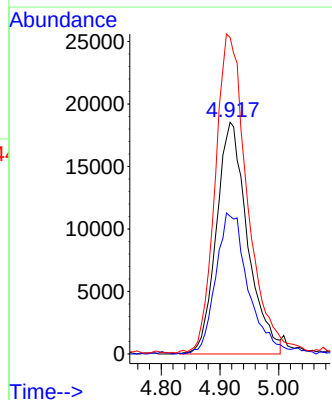
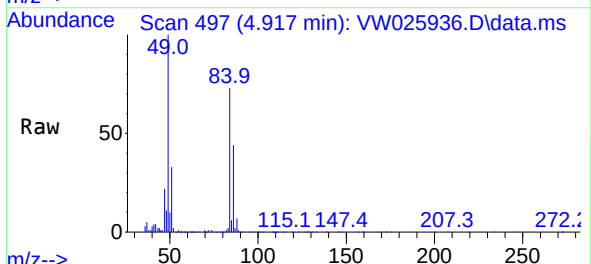
Instrument :
MSVOA_W
ClientSampleId :
JREM4

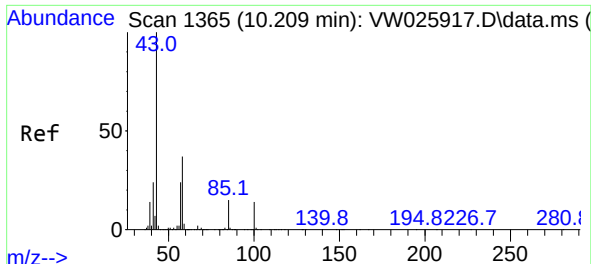
Tgt Ion: 43 Resp: 73061
Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.2



#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

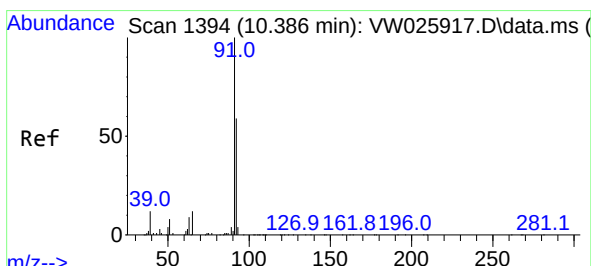
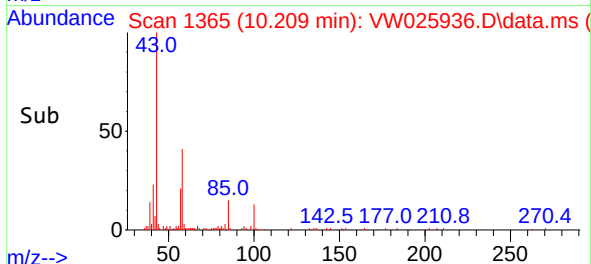
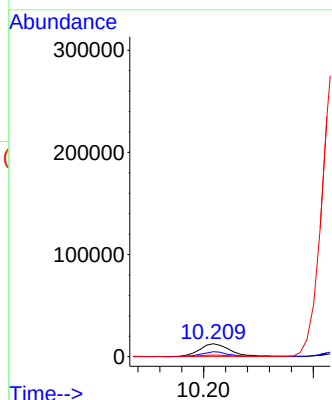
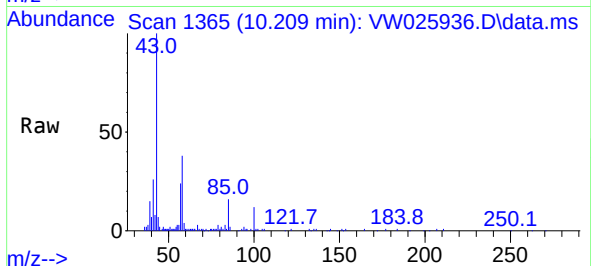




#40
4-Methyl-2-pentanone
Concen: 2.939 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

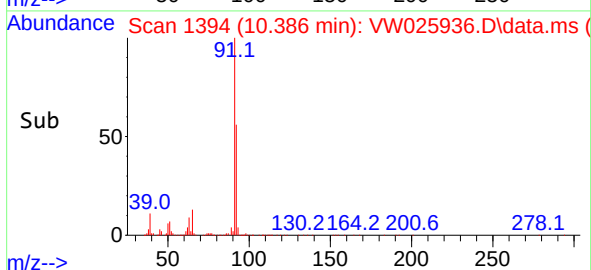
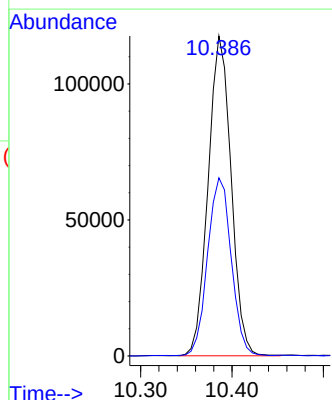
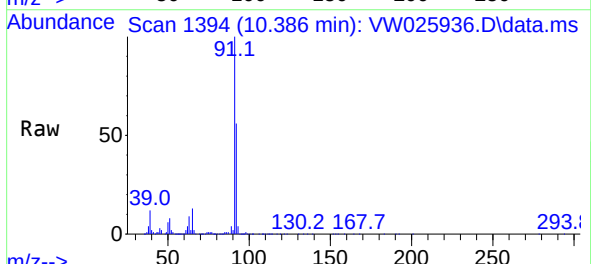
Instrument :
MSVOA_W
ClientSampleId :
JREM4

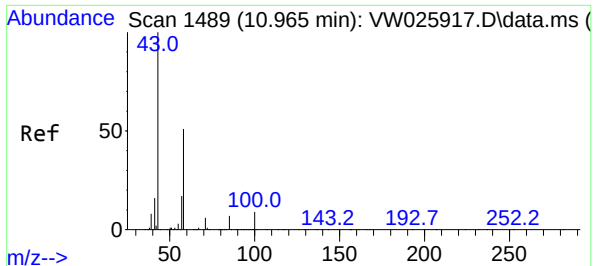
Tgt Ion:	43	Resp:	23059
Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.4	44.0
100	13.9	10.1	15.1



#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





#48

2-Hexanone

Concen: 4.066 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW025936.D

Acq: 10 May 2023 17:41

Instrument :

MSVOA_W

ClientSampleId :

JREM4

Tgt Ion: 43 Resp: 22851

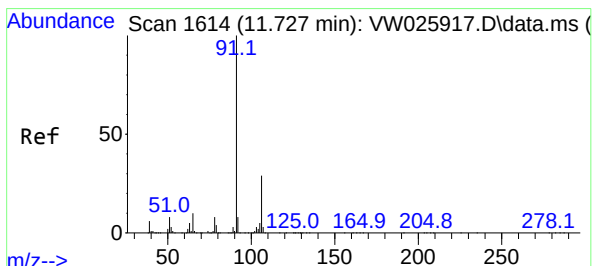
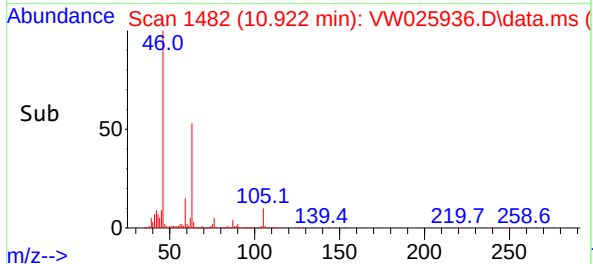
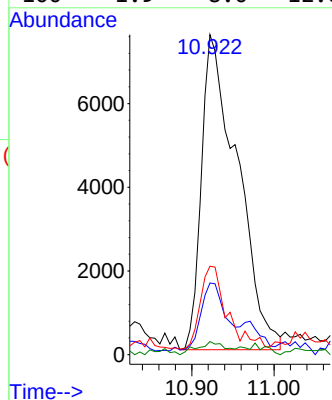
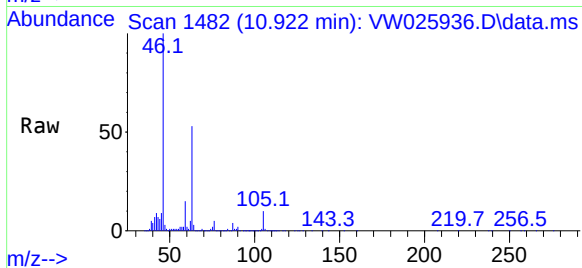
Ion Ratio Lower Upper

43 100

58 14.2 40.8 61.2#

57 17.6 13.6 20.4

100 1.9 8.0 12.0#



#52

Ethylbenzene

Concen: 0.644 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW025936.D

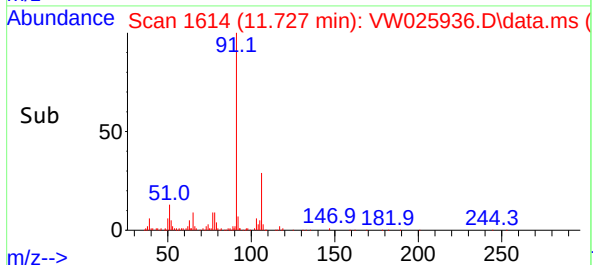
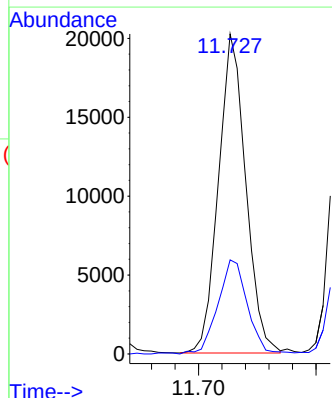
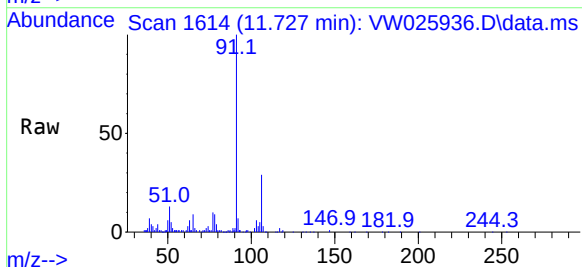
Acq: 10 May 2023 17:41

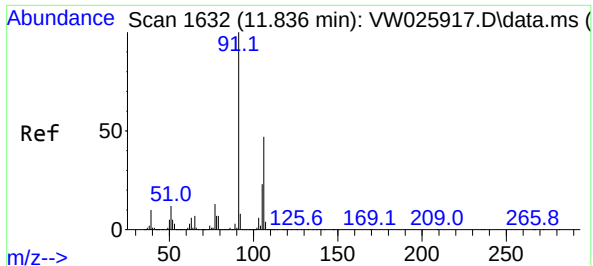
Tgt Ion: 91 Resp: 32584

Ion Ratio Lower Upper

91 100

106 29.4 20.8 38.6

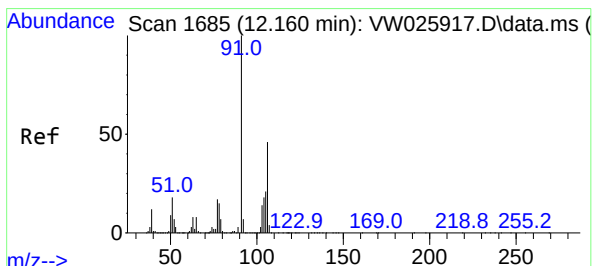
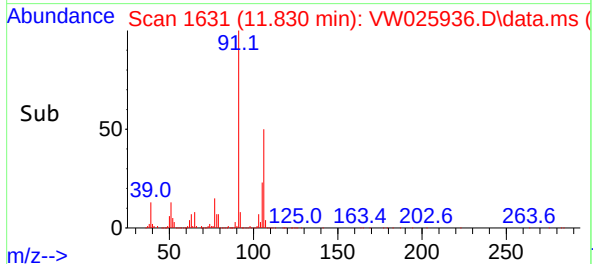
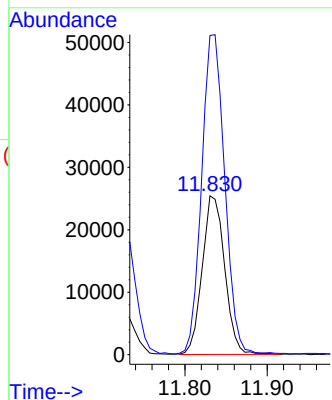
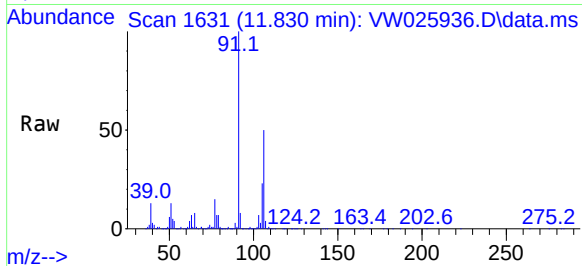




#53
m,p-Xylene
Concen: 2.594 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

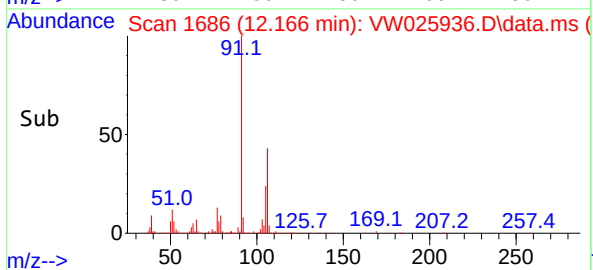
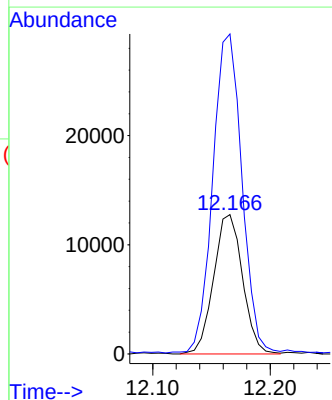
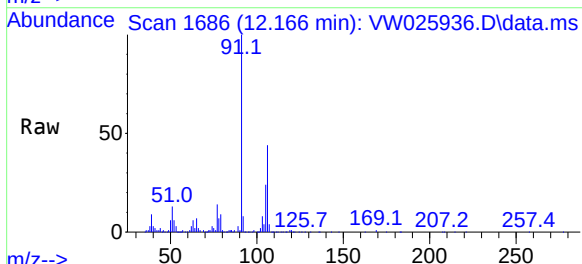
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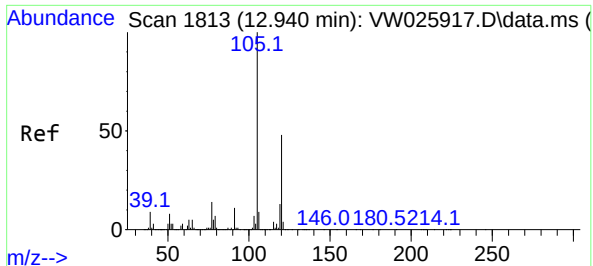
Tgt Ion:106 Resp: 48266
Ion Ratio Lower Upper
106 100
91 200.9 150.1 278.9



#54
o-Xylene
Concen: 1.244 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

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

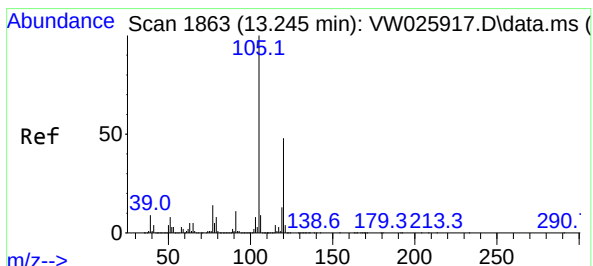
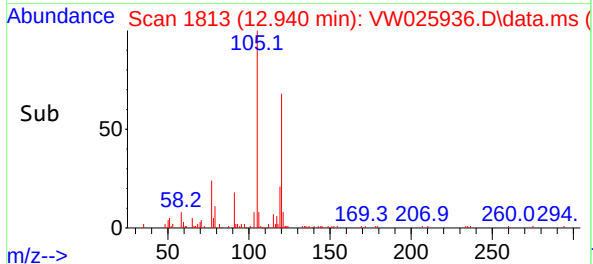
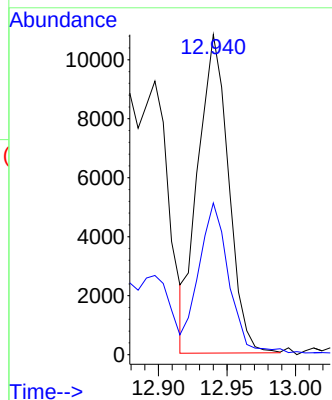
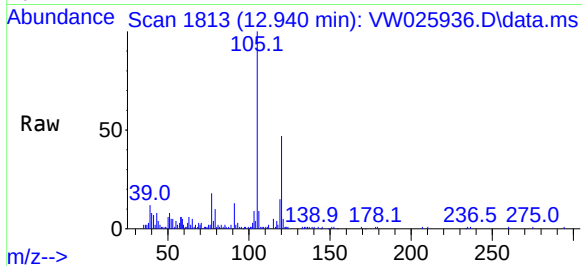




#62
1,3,5-Trimethylbenzene
Concen: 0.701 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

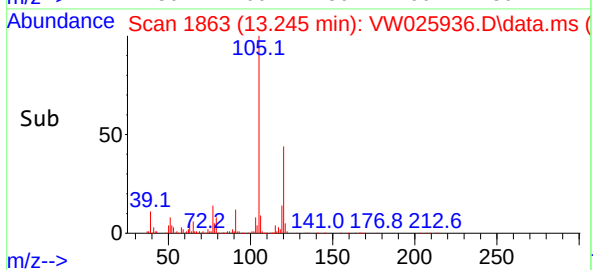
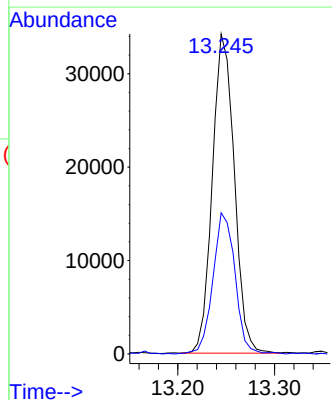
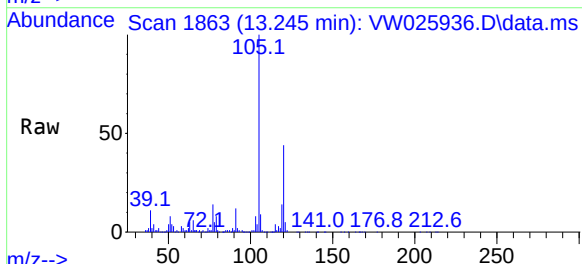
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ClientSampleId :
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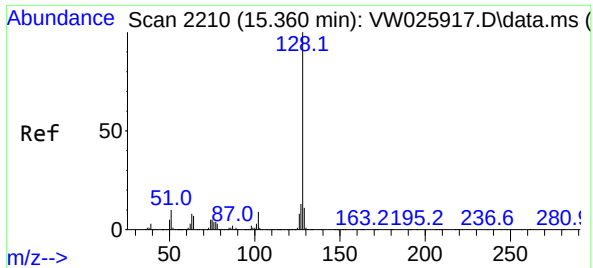
Tgt Ion:105 Resp: 16705
Ion Ratio Lower Upper
105 100
120 42.8 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 2.449 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

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





#71
Naphthalene
Concen: 0.631 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025936.D
Acq: 10 May 2023 17:41

Instrument :
MSVOA_W
ClientSampleId :
JREM4

Tgt Ion:	128	Resp:	8586
Ion	Ratio	Lower	Upper
128	100		
127	19.3	10.5	15.7#
129	13.7	8.5	12.7#

