

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027136.D
 Acq On : 18 Sep 2023 18:51
 Operator : SY/MD
 Sample : 04417-23
 Misc : 6.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:36:33 2023
 Response via : Initial Calibration

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

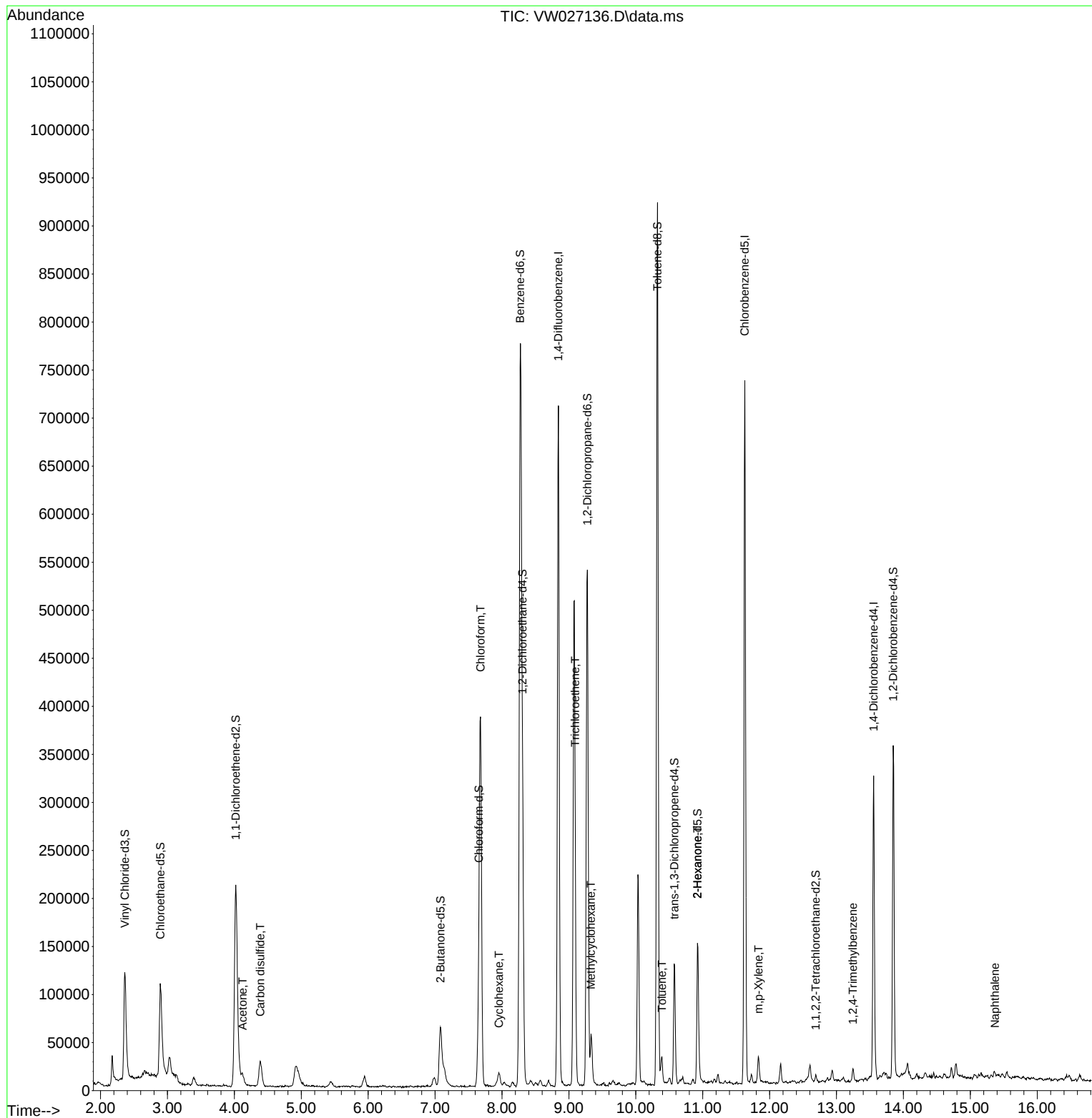
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	427506	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85762	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166639	17.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.360%
7) Chloroethane-d5	2.893	69	155892	20.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	4.021	65	78503	18.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.120%
21) 2-Butanone-d5	7.081	46	97080	53.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.540%
24) Chloroform-d	7.654	84	70900	3.894	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	15.560%#
26) 1,2-Dichloroethane-d4	8.307	65	227881	25.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	8.270	84	853646	30.920	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.680%
36) 1,2-Dichloropropane-d6	9.276	67	273699	35.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.160%#
41) Toluene-d8	10.325	98	623666	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.575	79	74179	23.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.922	63	44253	47.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	3498	0.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	2.240%#
66) 1,2-Dichlorobenzene-d4	13.848	152	97906	31.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.880%#
Target Compounds					Qvalue	
13) Acetone	4.125	43	14874	8.721	ug/L	98
14) Carbon disulfide	4.387	76	63058	2.140	ug/L	100
25) Chloroform	7.679	83	379762	21.987	ug/L	98
29) Cyclohexane	7.953	56	7533	0.736	ug/L	97
34) Trichloroethene	9.093	95	32390	4.341	ug/L	88
35) Methylcyclohexane	9.331	83	18440	1.449	ug/L #	86
42) Toluene	10.392	91	21630	0.725	ug/L	89
48) 2-Hexanone	10.922	43	6115	2.696	ug/L #	85
53) m,p-Xylene	11.837	106	8040	0.641	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	6912	0.776	ug/L	91
71) Naphthalene	15.367	128	6335	1.229	ug/L #	83

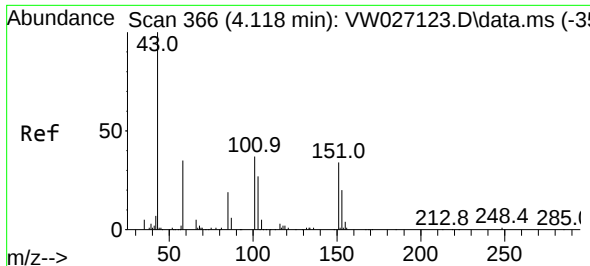
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Sep 18 22:36:33 2023
Response via : Initial Calibration

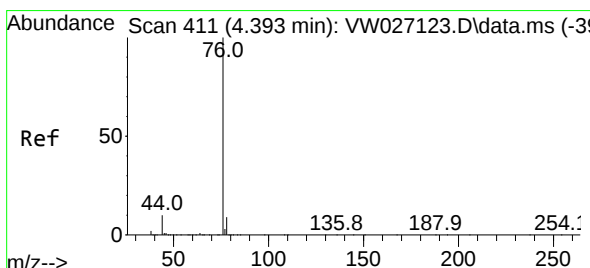
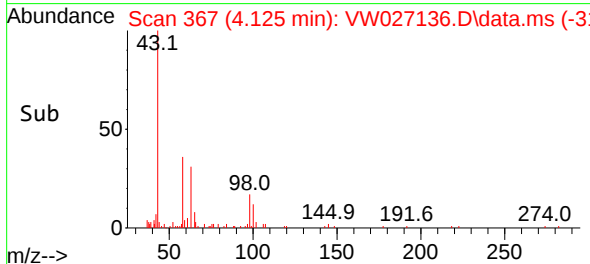
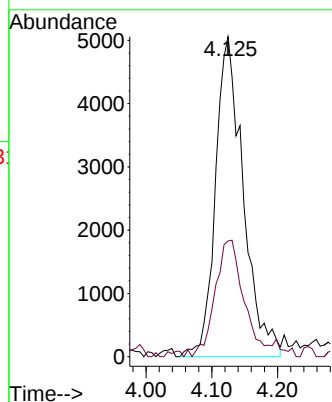
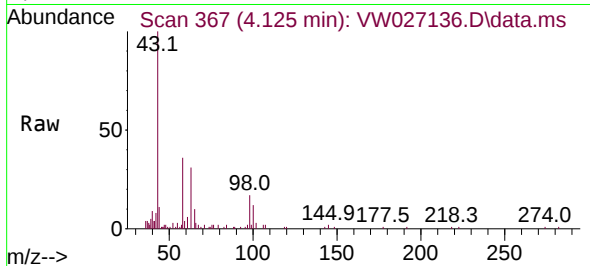




#13
Acetone
Concen: 8.721 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

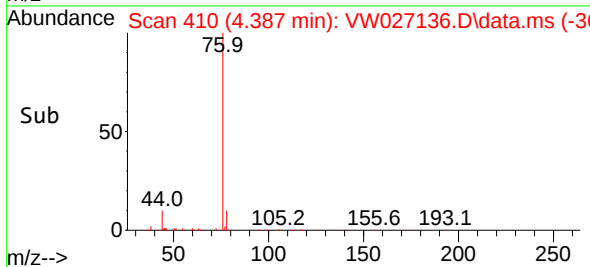
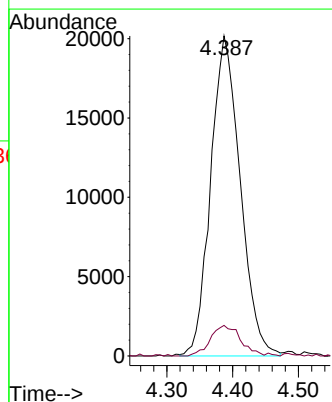
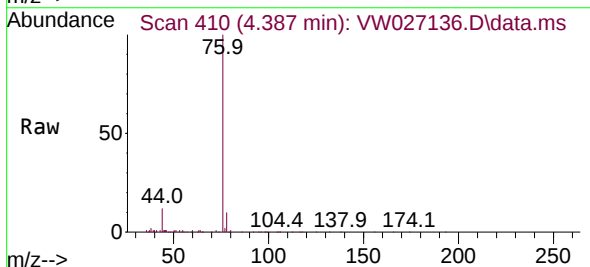
Instrument :
MSVOA_W
ClientSampleId :

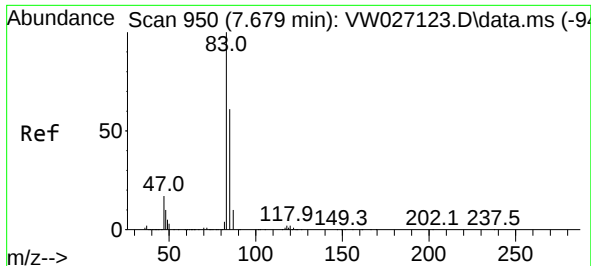
Tgt Ion: 43 Resp: 14874
Ion Ratio Lower Upper
43 100
58 37.7 0.0 77.4



#14
Carbon disulfide
Concen: 2.140 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

Tgt Ion: 76 Resp: 63058
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

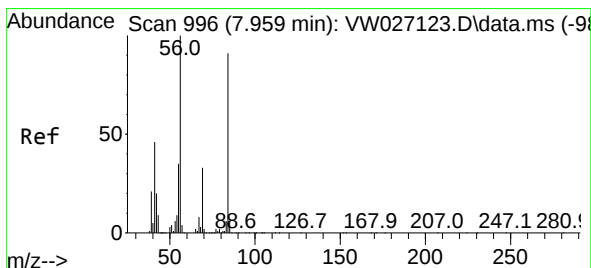
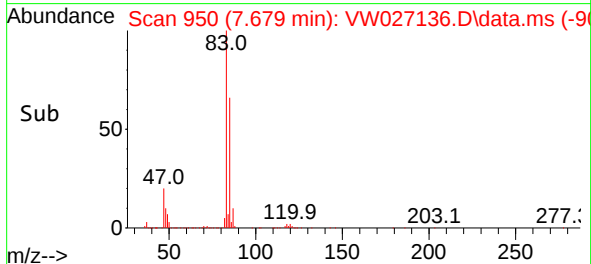
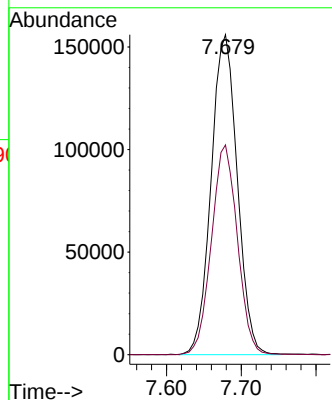
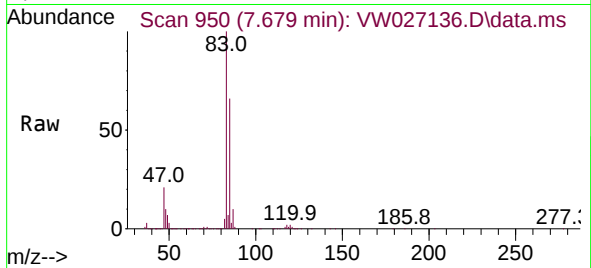




#25
Chloroform
Concen: 21.987 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

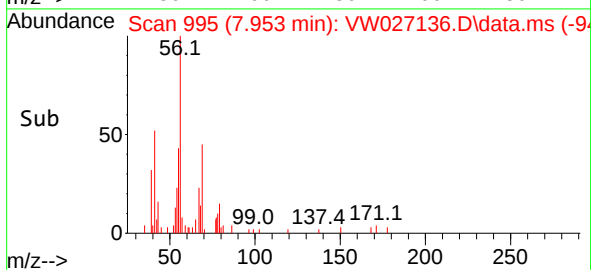
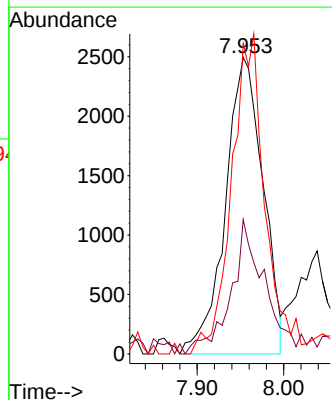
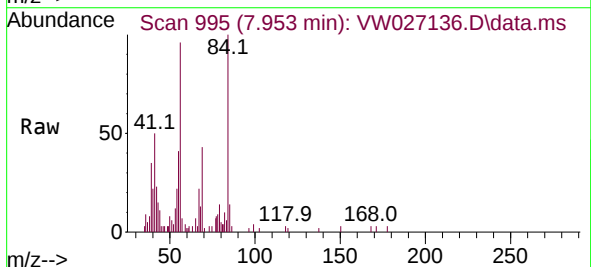
Instrument :
MSVOA_W
ClientSampleId :

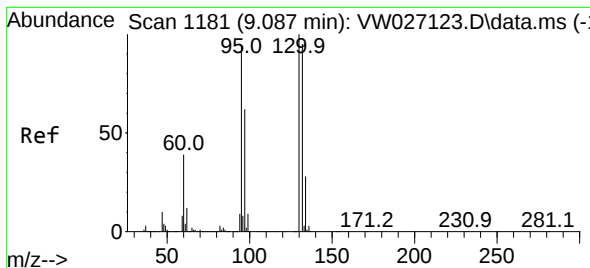
Tgt Ion: 83 Resp: 379762
Ion Ratio Lower Upper
83 100
85 65.6 44.9 83.5



#29
Cyclohexane
Concen: 0.736 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

Tgt Ion: 56 Resp: 7533
Ion Ratio Lower Upper
56 100
69 37.5 26.5 39.7
84 91.5 74.4 111.6





#34

Trichloroethene

Concen: 4.341 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

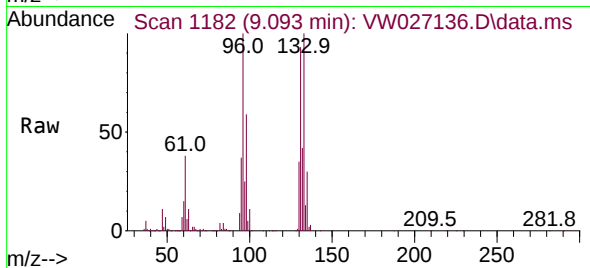
Lab File: VW027136.D

Acq: 18 Sep 2023 18:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 32390

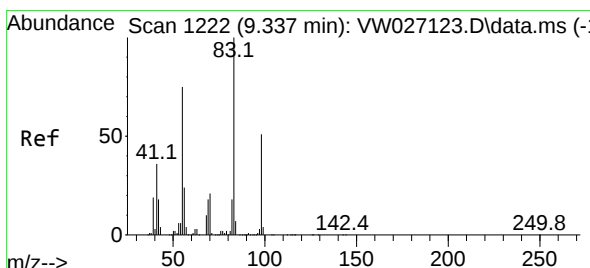
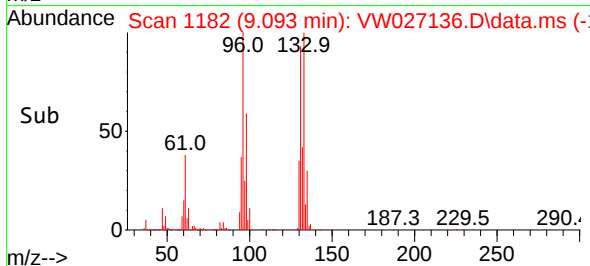
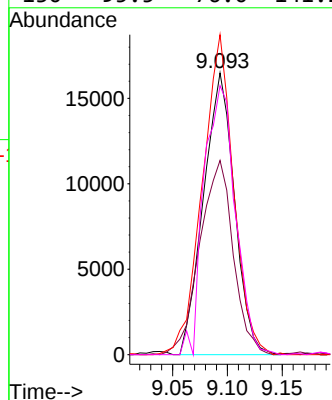
Ion Ratio Lower Upper

95 100

97 69.0 46.1 85.7

132 113.6 67.9 126.1

130 95.5 76.0 141.2



#35

Methylcyclohexane

Concen: 1.449 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027136.D

Acq: 18 Sep 2023 18:51

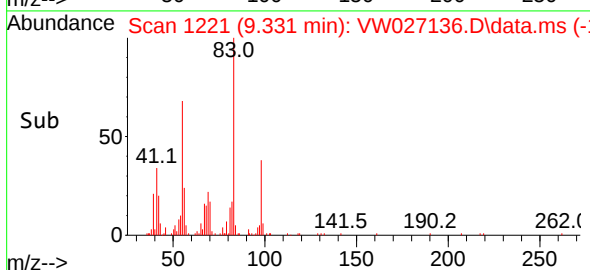
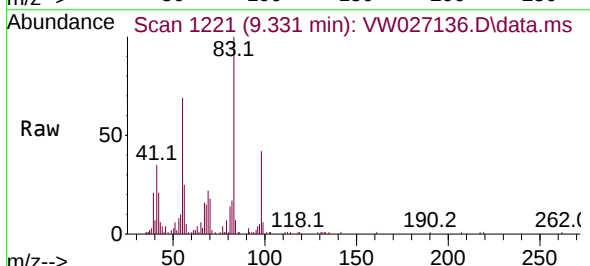
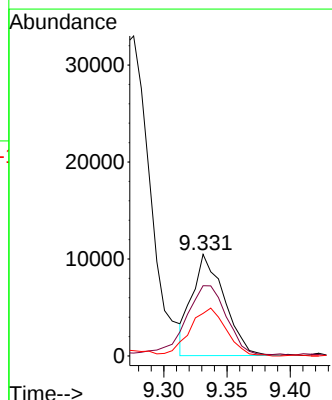
Tgt Ion: 83 Resp: 18440

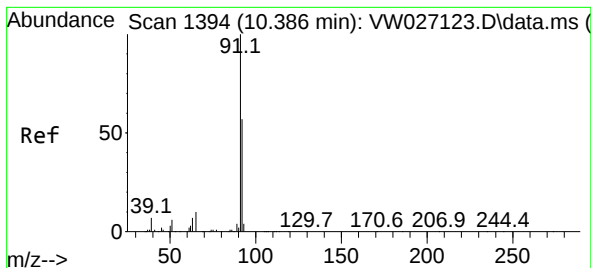
Ion Ratio Lower Upper

83 100

55 88.9 58.0 87.0#

98 51.6 38.5 57.7





#42

Toluene

Concen: 0.725 ug/L

RT: 10.392 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027136.D

Acq: 18 Sep 2023 18:51

Instrument :

MSVOA_W

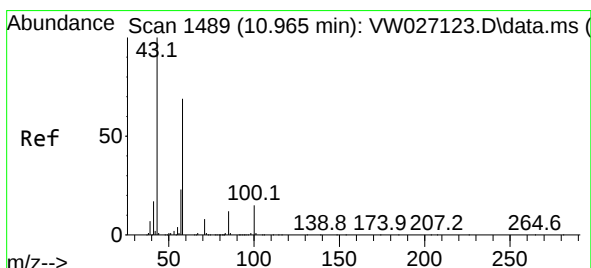
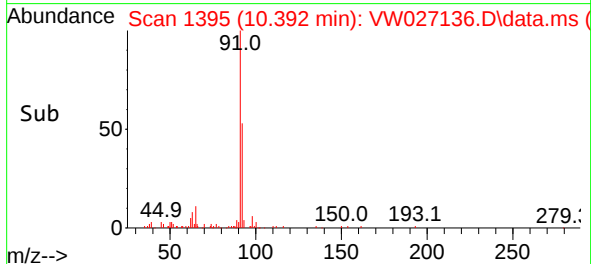
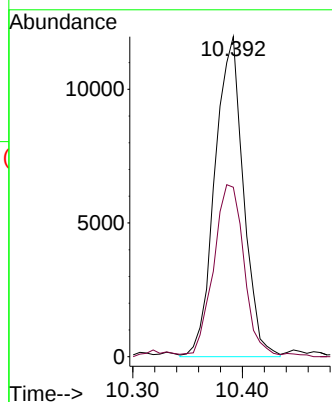
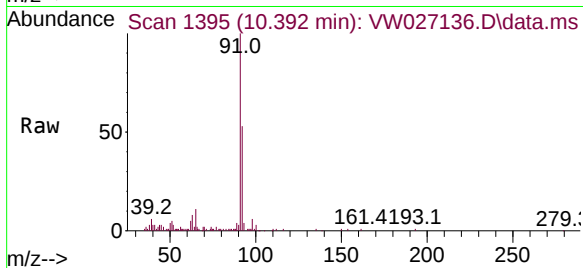
ClientSampleId :

Tgt Ion: 91 Resp: 21630

Ion Ratio Lower Upper

91 100

92 52.9 42.7 79.3



#48

2-Hexanone

Concen: 2.696 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW027136.D

Acq: 18 Sep 2023 18:51

Tgt Ion: 43 Resp: 6115

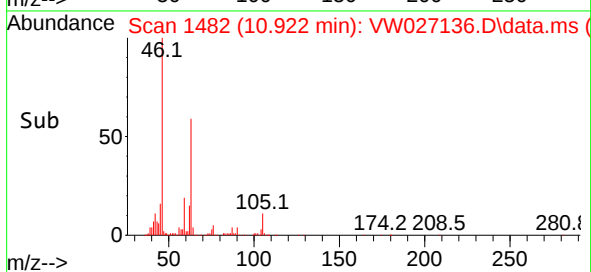
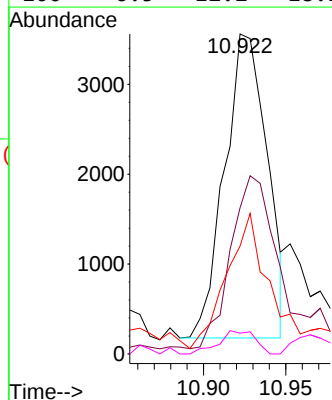
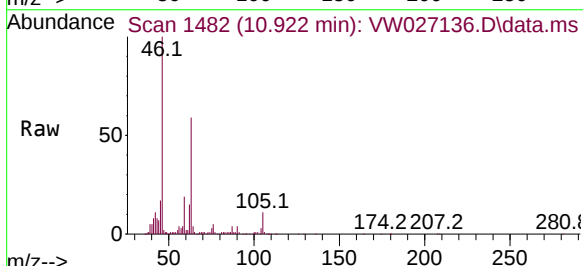
Ion Ratio Lower Upper

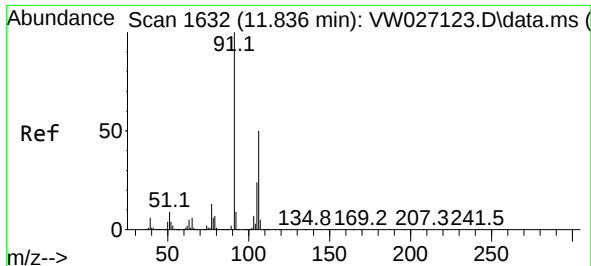
43 100

58 61.6 51.4 77.0

57 42.7 17.2 25.8#

100 6.5 12.2 18.2#

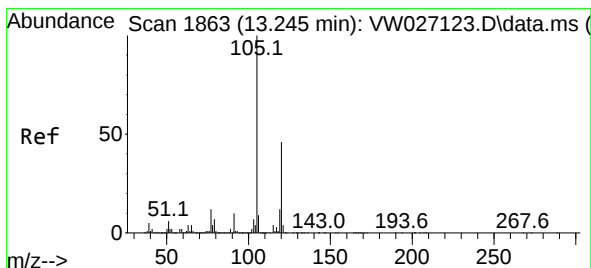
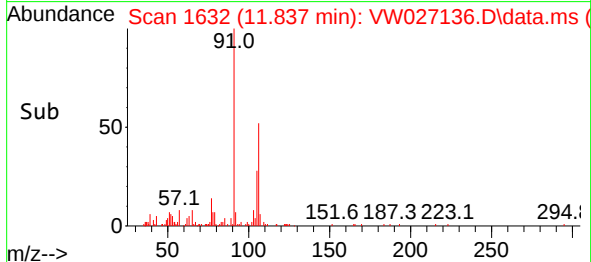
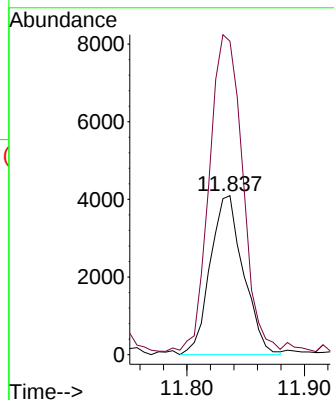
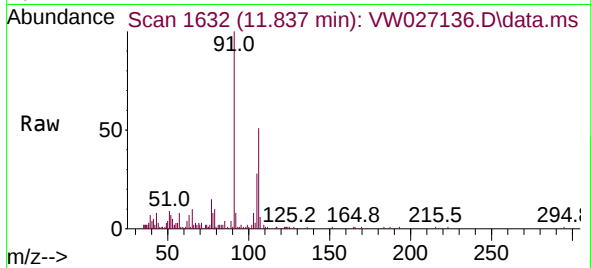




#53
m,p-Xylene
Concen: 0.641 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

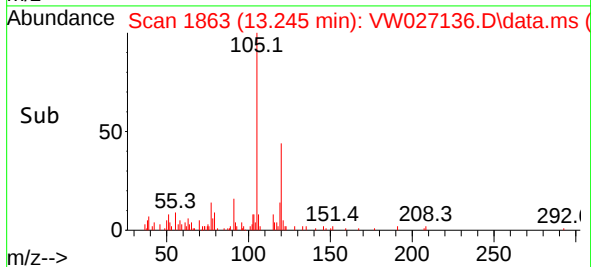
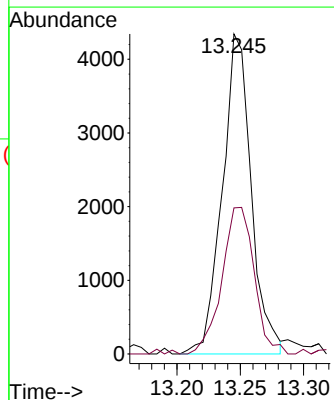
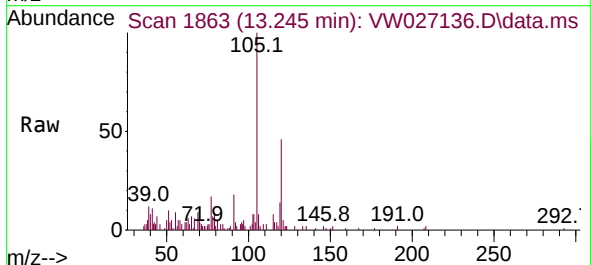
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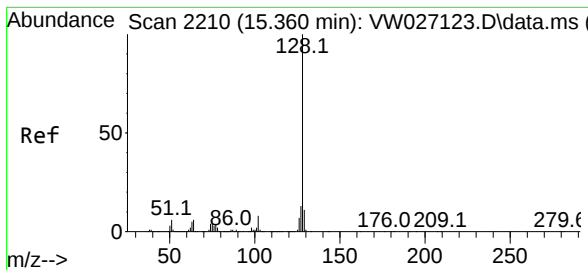
Tgt Ion:106 Resp: 8040
Ion Ratio Lower Upper
106 100
91 197.0 142.7 265.1



#63
1,2,4-Trimethylbenzene
Concen: 0.776 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

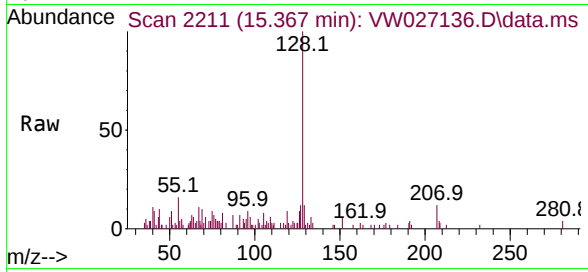
Tgt Ion:105 Resp: 6912
Ion Ratio Lower Upper
105 100
120 51.1 36.2 54.2





#71
Naphthalene
Concen: 1.229 ug/L
RT: 15.367 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027136.D
Acq: 18 Sep 2023 18:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 6335
Ion Ratio Lower Upper
128 100
127 4.8 10.7 16.1#
129 15.0 8.8 13.2#

