

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
 Data File : VW029892.D
 Acq On : 12 Aug 2024 15:12
 Operator : SY/MD
 Sample : P3481-07
 Misc : 5.38g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:28:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 13 01:26:37 2024
 Response via : Initial Calibration

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

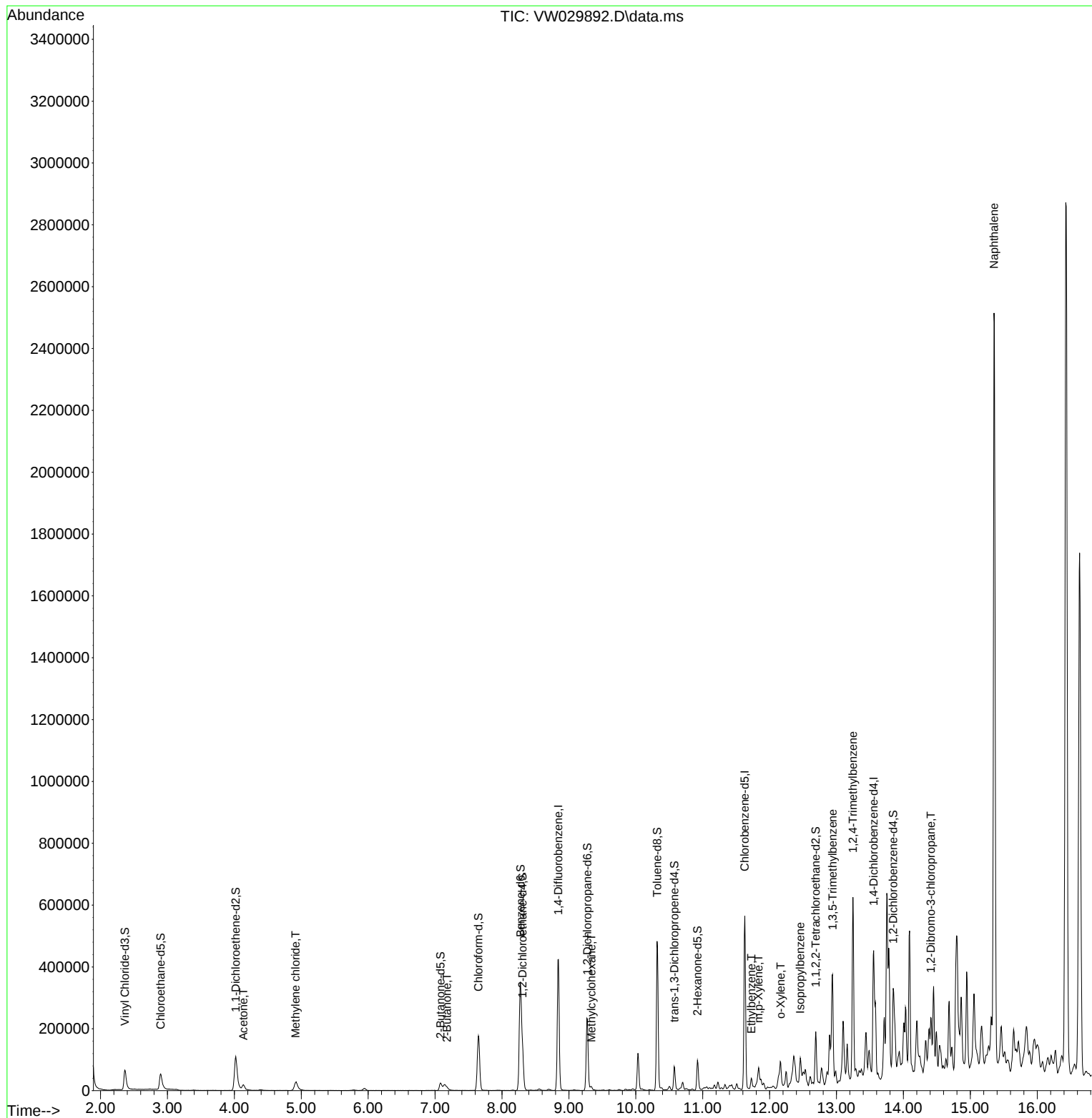
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343771	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98850	20.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
7) Chloroethane-d5	2.899	69	80992	23.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.021	65	41289	18.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.081	46	39791	29.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.500%
24) Chloroform-d	7.648	84	180461	20.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	8.307	65	101491	20.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	345465	21.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.276	67	105582	20.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.040%
41) Toluene-d8	10.319	98	303104	21.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	10.575	79	39591	19.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.922	63	29071	34.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76308	19.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	69094	21.565	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.280%
Target Compounds						Qvalue
13) Acetone	4.137	43	28491	17.139	ug/L	94
16) Methylene chloride	4.917	84	24666	3.432	ug/L	86
22) 2-Butanone	7.179	43	13186	6.191	ug/L	85
35) Methylcyclohexane	9.337	83	4044	0.453	ug/L	95
52) Ethylbenzene	11.727	91	20324	0.863	ug/L	94
53) m,p-Xylene	11.837	106	14664	1.694	ug/L	94
54) o-Xylene	12.166	106	19605	2.459	ug/L	97
60) Isopropylbenzene	12.459	105	45284	2.836	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	143828	12.119	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	307829	24.253	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.409	75	1419	2.490	ug/L #	20
71) Naphthalene	15.354	128	1978863	264.112	ug/L	99

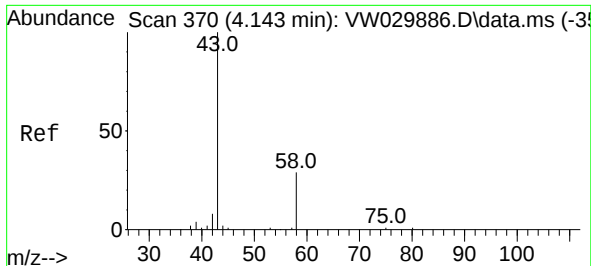
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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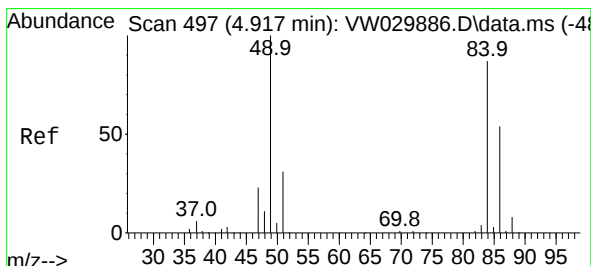
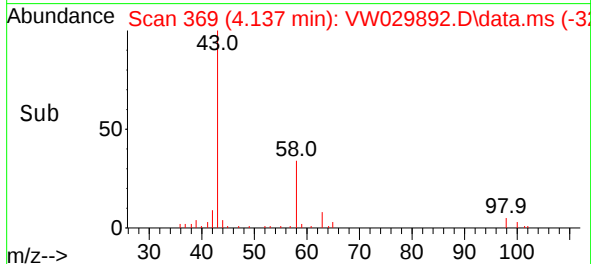
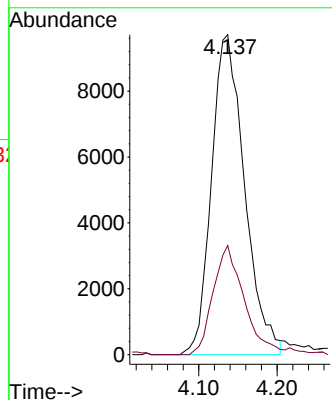
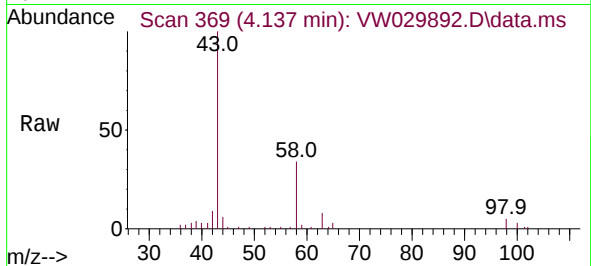




#13
Acetone
Concen: 17.139 ug/L
RT: 4.137 min Scan# 370
Delta R.T. -0.006 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

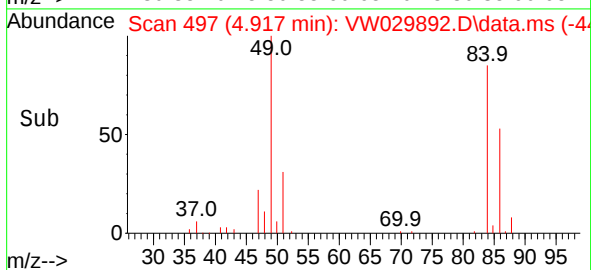
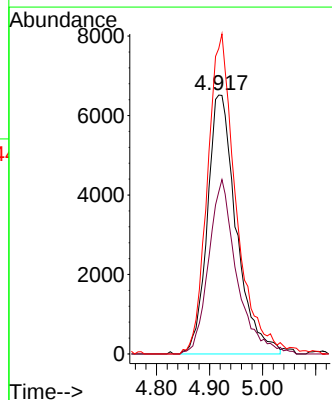
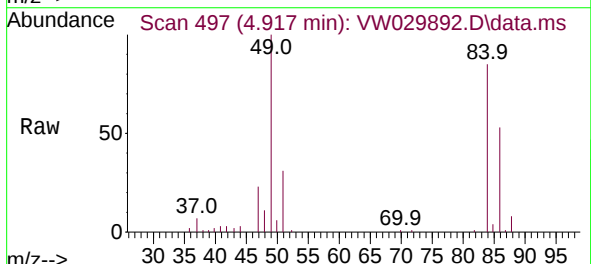
Instrument :
MSVOA_W
ClientSampleId :

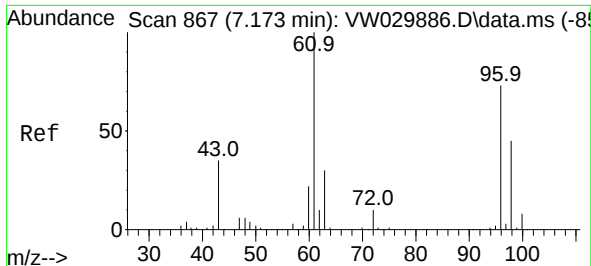
Tgt Ion: 43 Resp: 28491
Ion Ratio Lower Upper
43 100
58 31.9 0.0 57.6



#16
Methylene chloride
Concen: 3.432 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Tgt Ion: 84 Resp: 24666
Ion Ratio Lower Upper
84 100
86 62.6 44.7 82.9
49 118.0 99.0 184.0





#22

2-Butanone

Concen: 6.191 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

Instrument :

MSVOA_W

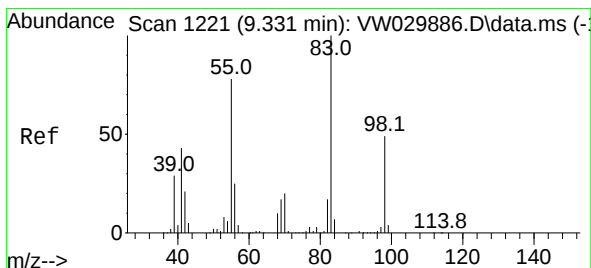
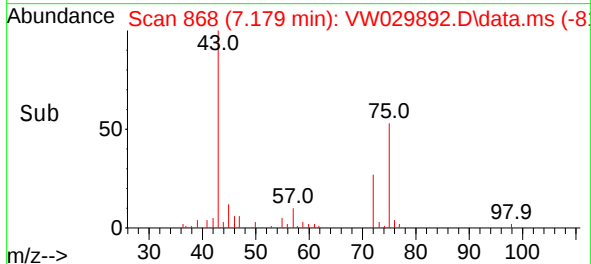
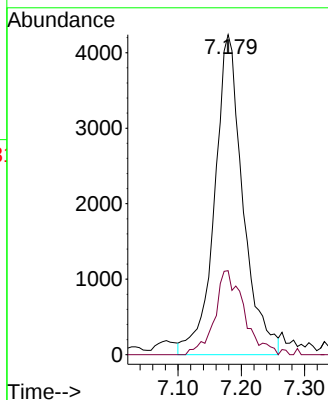
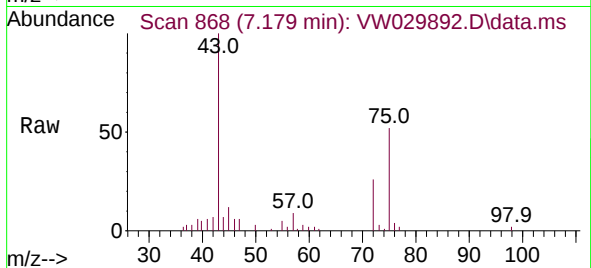
ClientSampleId :

Tgt Ion: 43 Resp: 13186

Ion Ratio Lower Upper

43 100

72 16.1 11.7 35.1



#35

Methylcyclohexane

Concen: 0.453 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

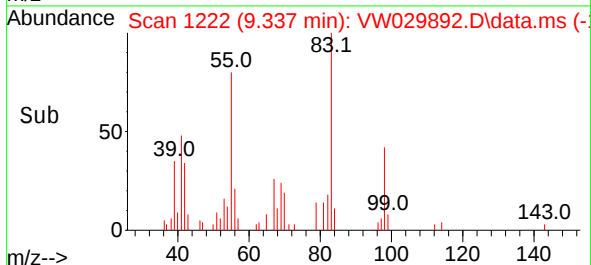
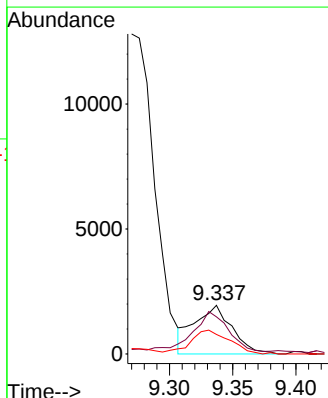
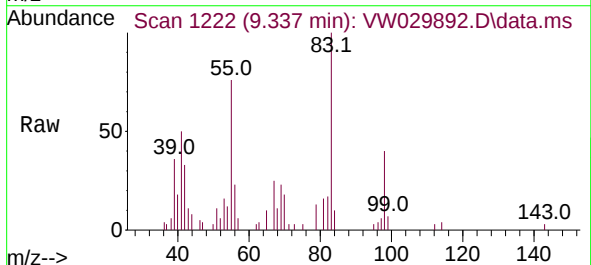
Tgt Ion: 83 Resp: 4044

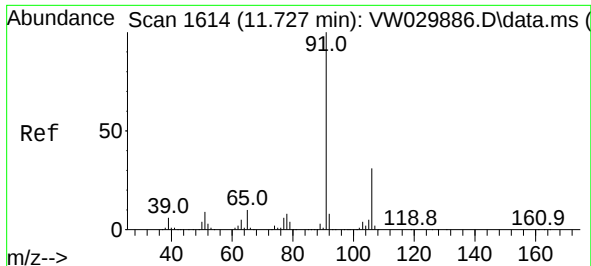
Ion Ratio Lower Upper

83 100

55 81.1 67.4 101.2

98 50.2 36.7 55.1





#52

Ethylbenzene

Concen: 0.863 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

Instrument :

MSVOA_W

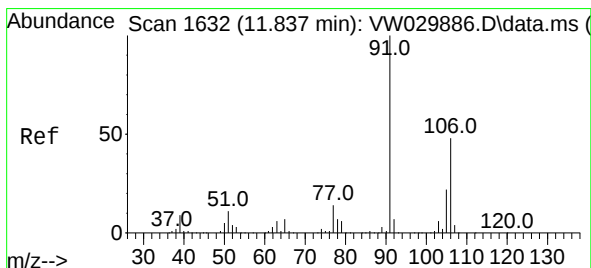
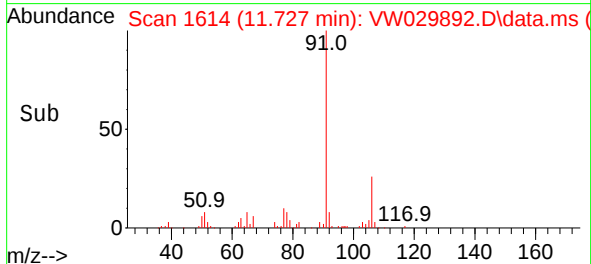
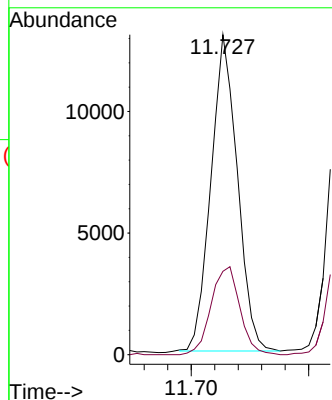
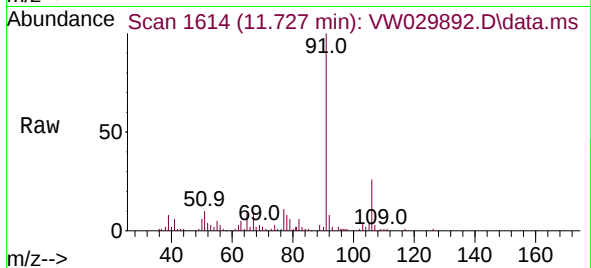
ClientSampleId :

Tgt Ion: 91 Resp: 20324

Ion Ratio Lower Upper

91 100

106 26.0 20.4 38.0



#53

m,p-Xylene

Concen: 1.694 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029892.D

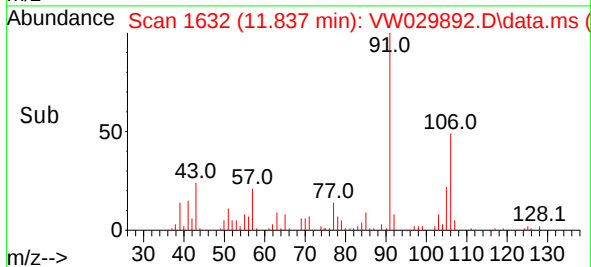
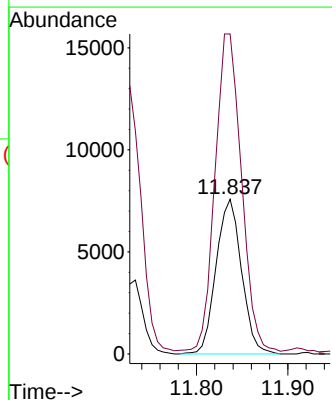
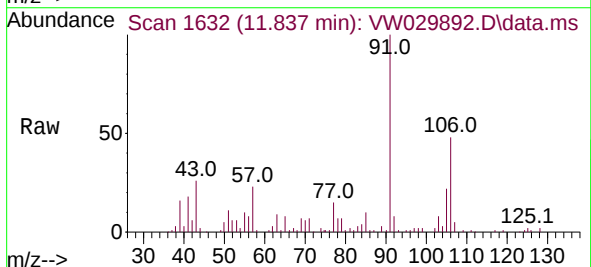
Acq: 12 Aug 2024 15:12

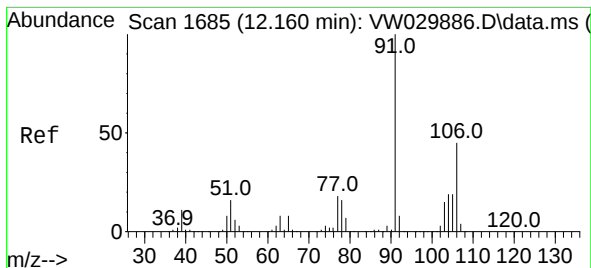
Tgt Ion:106 Resp: 14664

Ion Ratio Lower Upper

106 100

91 206.9 151.4 281.2





#54

o-Xylene

Concen: 2.459 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

Instrument :

MSVOA_W

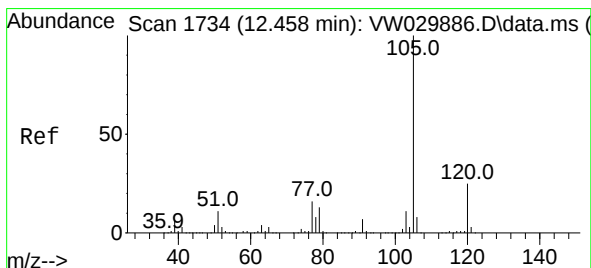
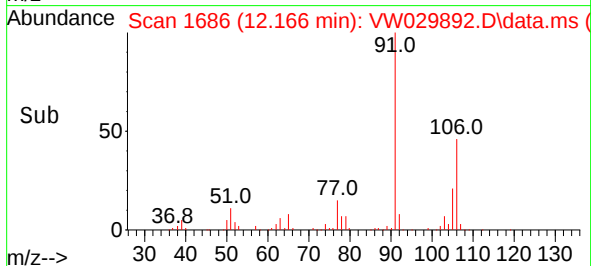
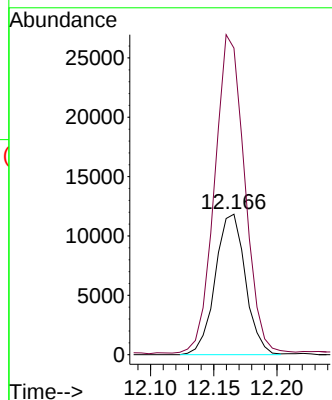
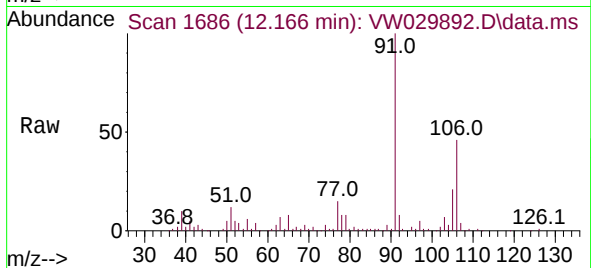
ClientSampleId :

Tgt Ion:106 Resp: 19605

Ion Ratio Lower Upper

106 100

91 218.3 155.8 289.4



#60

Isopropylbenzene

Concen: 2.836 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

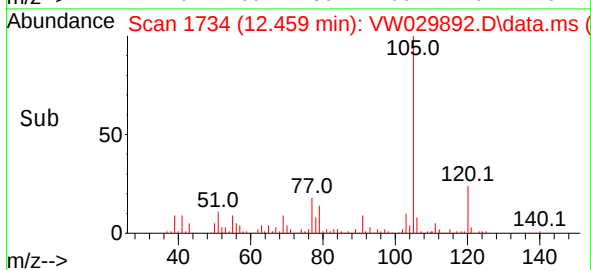
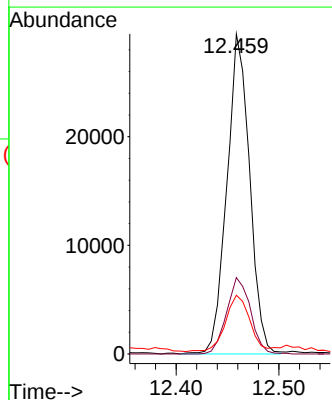
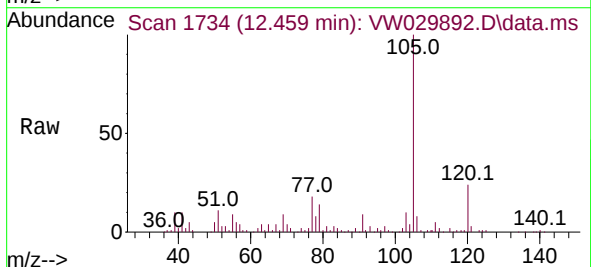
Tgt Ion:105 Resp: 45284

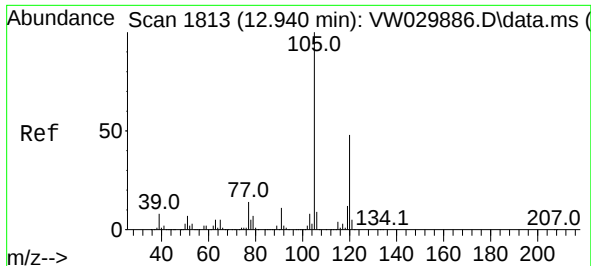
Ion Ratio Lower Upper

105 100

120 25.0 20.3 30.5

77 18.7 14.0 21.0





#62

1,3,5-Trimethylbenzene

Concen: 12.119 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

Instrument :

MSVOA_W

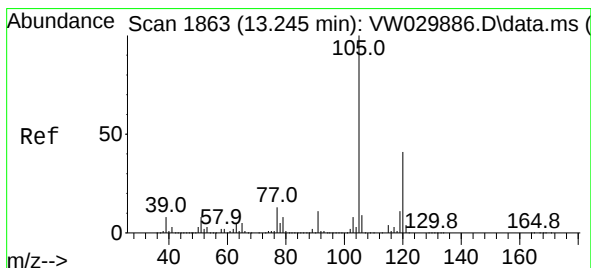
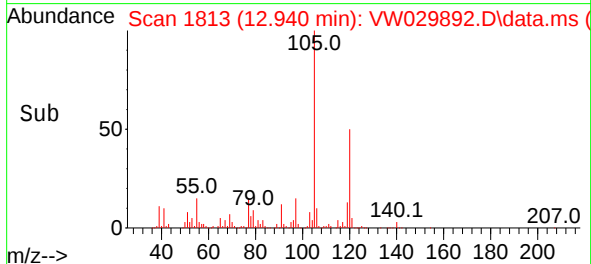
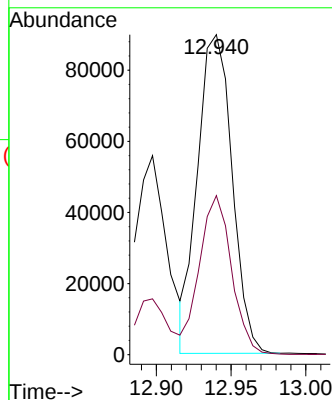
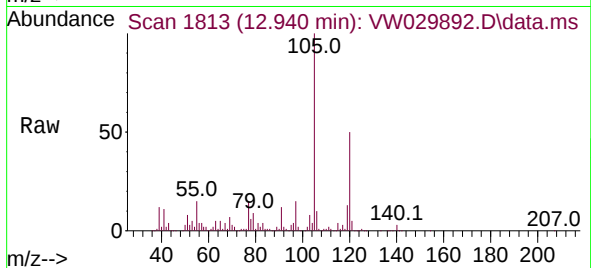
ClientSampleId :

Tgt Ion:105 Resp: 143828

Ion Ratio Lower Upper

105 100

120 46.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 24.253 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029892.D

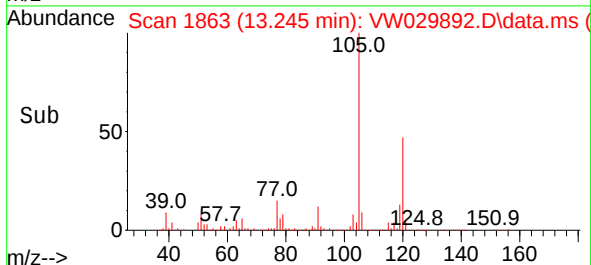
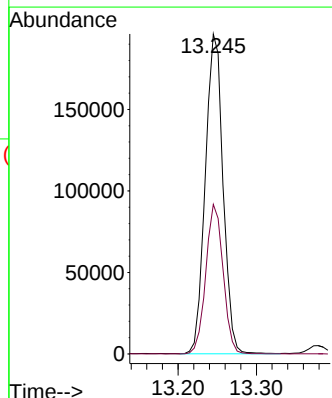
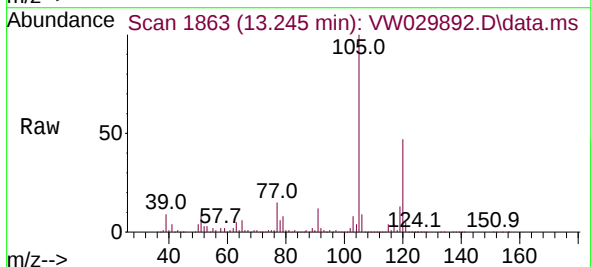
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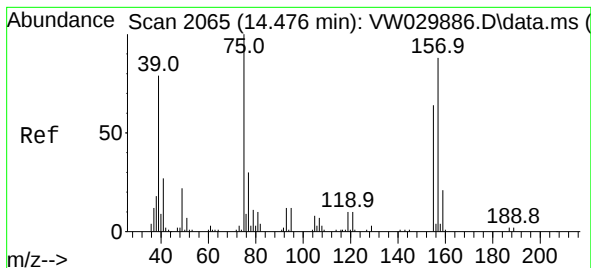
Tgt Ion:105 Resp: 307829

Ion Ratio Lower Upper

105 100

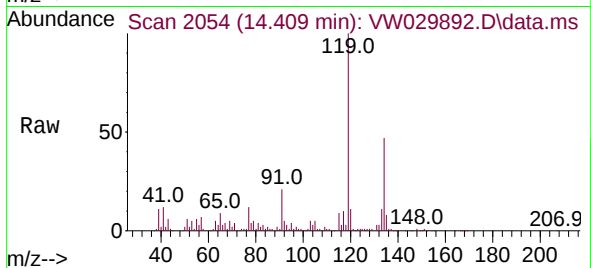
120 45.4 35.4 53.0



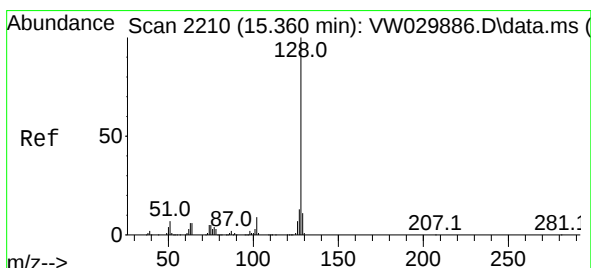
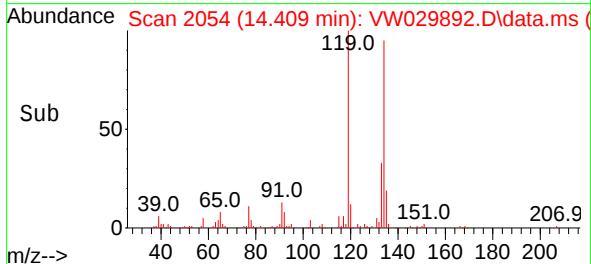
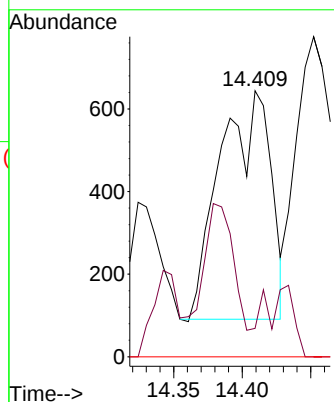


#68
1,2-Dibromo-3-chloropropane
Concen: 2.490 ug/L
RT: 14.409 min Scan# 2065
Delta R.T. -0.067 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 1419
Ion Ratio Lower Upper
75 100
155 10.7 47.8 71.6#
157 0.0 63.7 95.5#



#71
Naphthalene
Concen: 264.112 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Tgt Ion:128 Resp: 1978863
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.4 8.9 13.3

