

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030576.D
 Acq On : 12 Oct 2024 03:13
 Operator : SY/MD
 Sample : P4361-05
 Misc : 2.39g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAY7

Quant Time: Oct 14 04:51:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

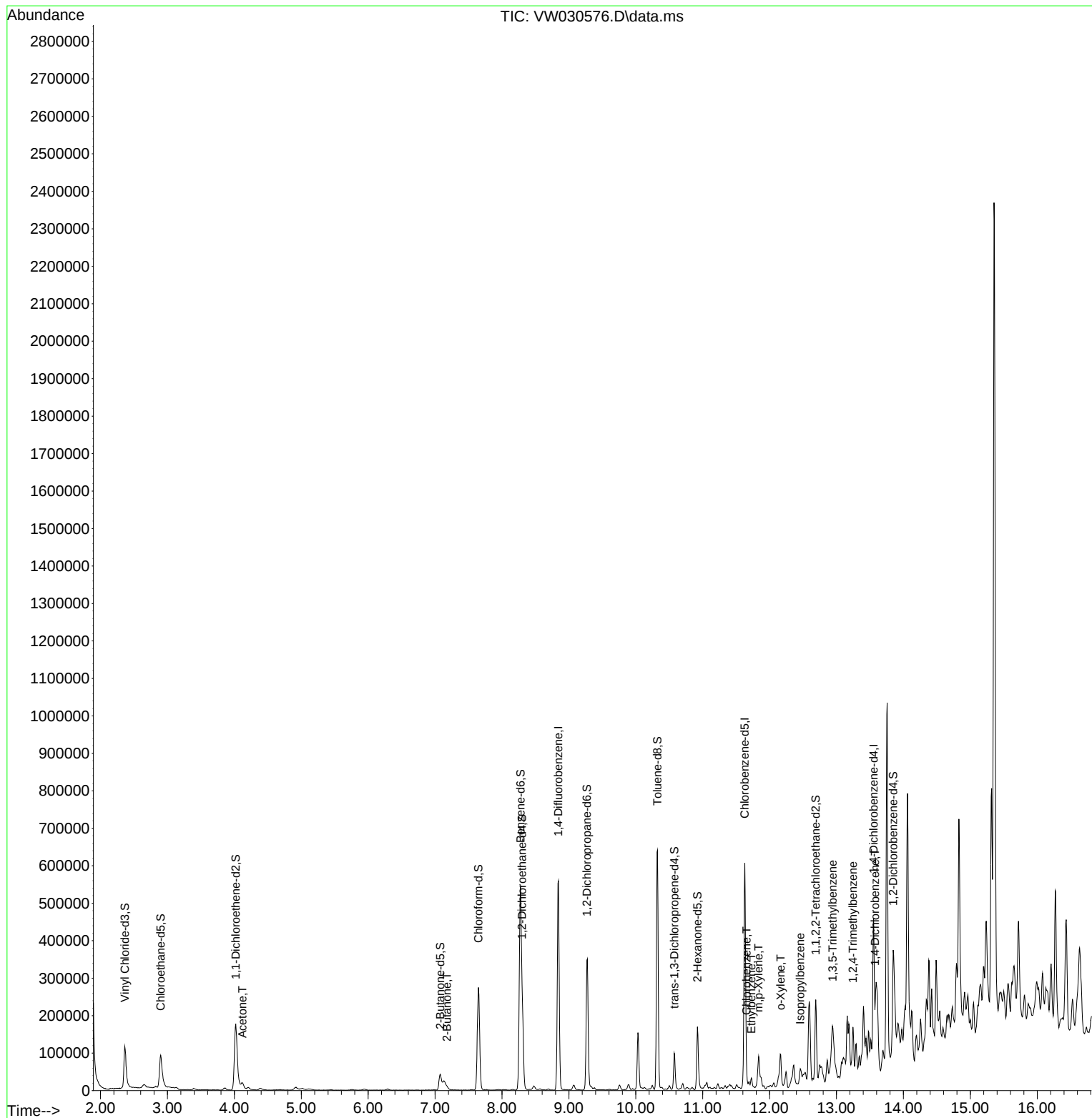
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	455918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	317863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88927	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	161083	22.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.920%
7) Chloroethane-d5	2.899	69	136682	25.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.021	65	64533	21.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.075	46	70105	54.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.720%
24) Chloroform-d	7.648	84	274060	21.020	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.080%
26) 1,2-Dichloroethane-d4	8.301	65	154568	22.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.276	84	532087	28.841	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.360%
36) 1,2-Dichloropropane-d6	9.270	67	156026	28.814	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.240%
41) Toluene-d8	10.325	98	420338	24.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.575	79	50175	22.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.520%
47) 2-Hexanone-d5	10.922	63	51908	74.427	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.860%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95014	23.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	67019	22.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.080%
Target Compounds						Qvalue
13) Acetone	4.118	43	24132	12.781	ug/L	97
22) 2-Butanone	7.179	43	13258	6.514	ug/L #	68
51) Chlorobenzene	11.654	112	9858	0.694	ug/L	91
52) Ethylbenzene	11.727	91	18101	0.719	ug/L	94
53) m,p-Xylene	11.837	106	23574	2.499	ug/L	100
54) o-Xylene	12.166	106	22256	2.552	ug/L	99
60) Isopropylbenzene	12.458	105	17958	1.304	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	31790	2.926	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	71559	6.727	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	8678	1.402	ug/L #	48

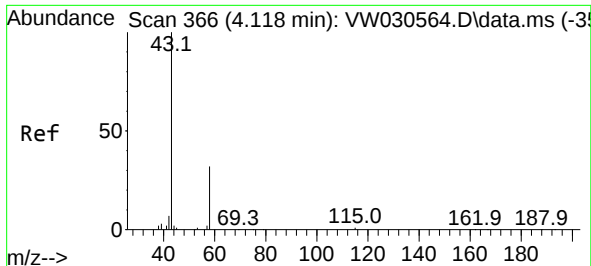
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 14 04:33:53 2024
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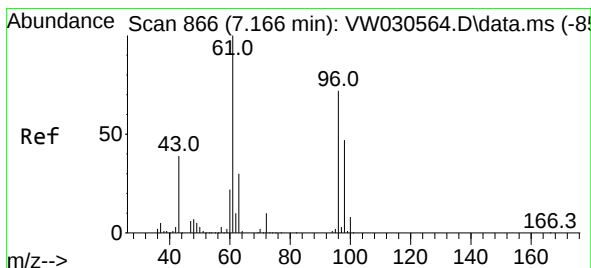
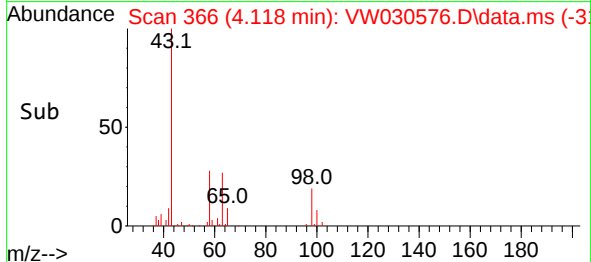
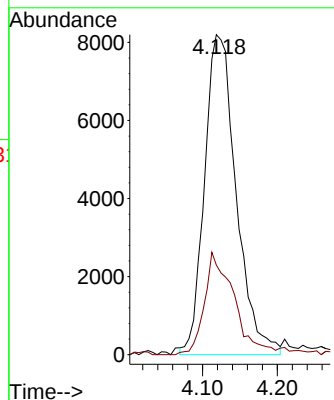
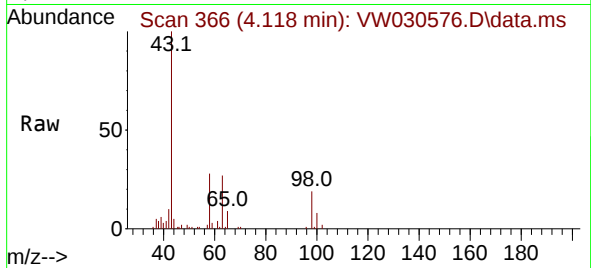




#13
Acetone
Concen: 12.781 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030576.D
Acq: 12 Oct 2024 03:13

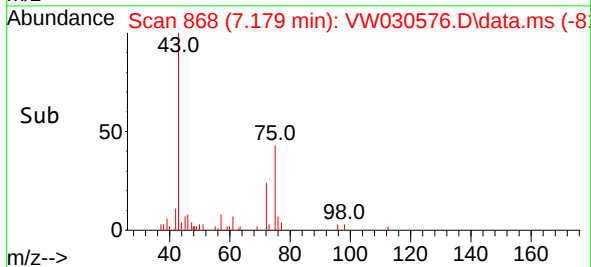
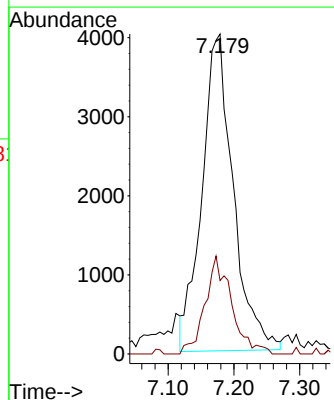
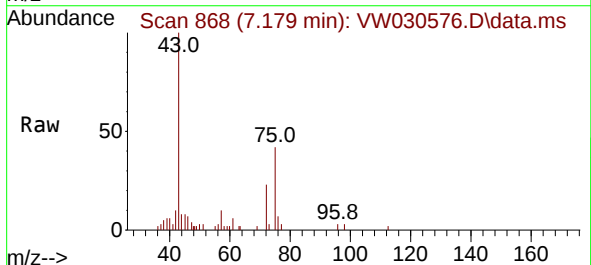
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

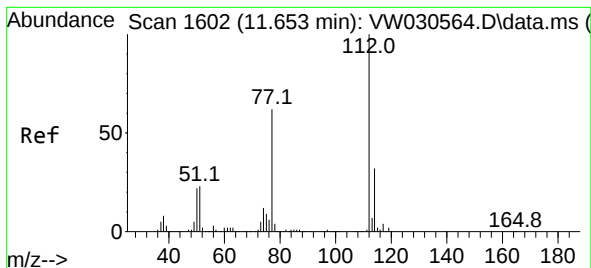
Tgt Ion: 43 Resp: 24132
Ion Ratio Lower Upper
43 100
58 27.4 0.0 57.6



#22
2-Butanone
Concen: 6.514 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW030576.D
Acq: 12 Oct 2024 03:13

Tgt Ion: 43 Resp: 13258
Ion Ratio Lower Upper
43 100
72 11.5 14.4 43.0#





#51

Chlorobenzene

Concen: 0.694 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030576.D

Acq: 12 Oct 2024 03:13

Instrument :

MSVOA_W

ClientSampleId :

EOAY7

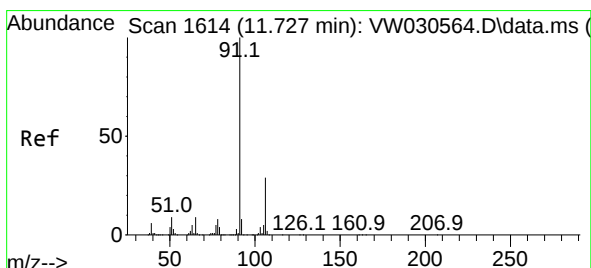
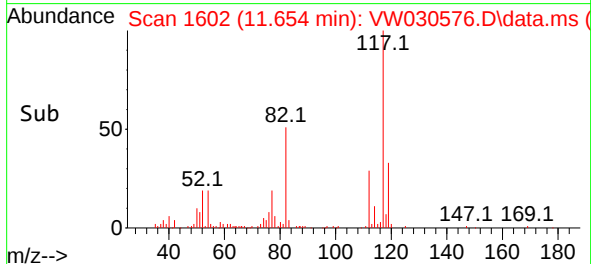
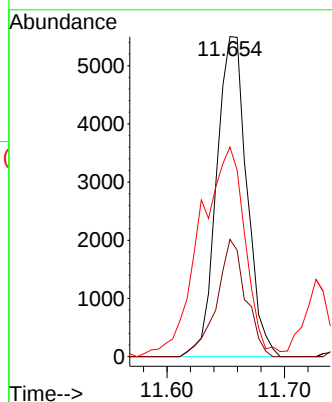
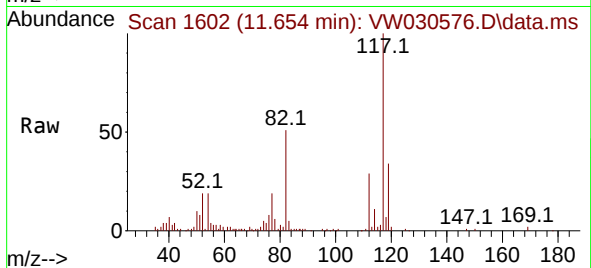
Tgt Ion:112 Resp: 9858

Ion Ratio Lower Upper

112 100

114 36.6 22.4 41.6

77 65.5 47.1 70.7



#52

Ethylbenzene

Concen: 0.719 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030576.D

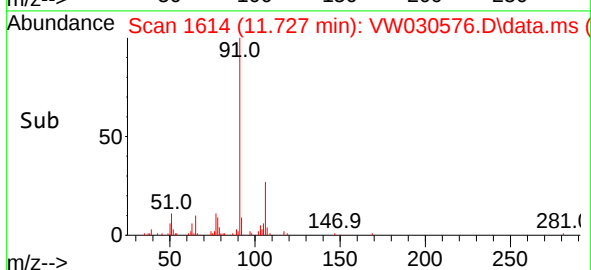
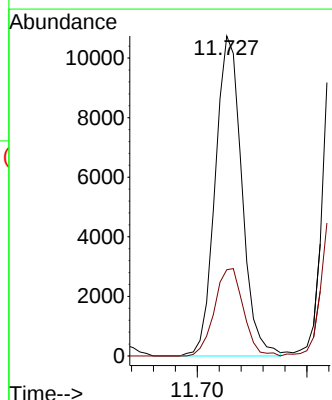
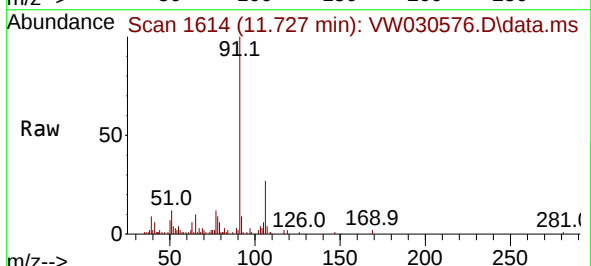
Acq: 12 Oct 2024 03:13

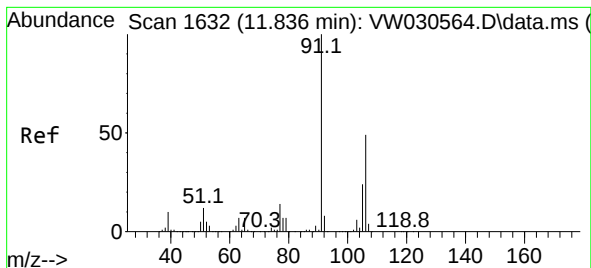
Tgt Ion: 91 Resp: 18101

Ion Ratio Lower Upper

91 100

106 27.0 21.1 39.1





#53

m,p-Xylene

Concen: 2.499 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030576.D

Acq: 12 Oct 2024 03:13

Instrument :

MSVOA_W

ClientSampleId :

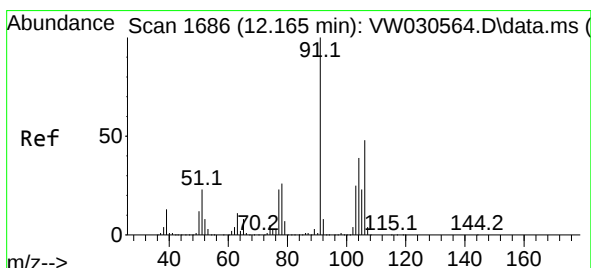
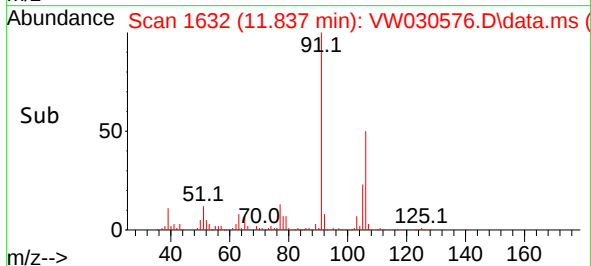
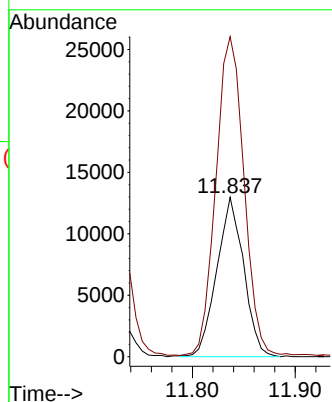
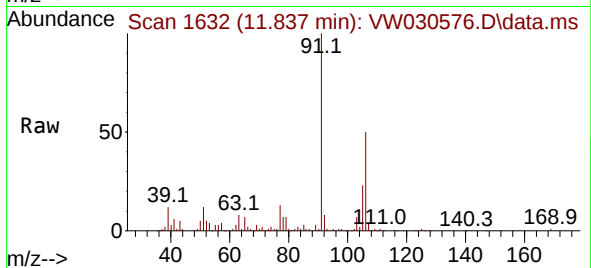
EOAY7

Tgt Ion:106 Resp: 23574

Ion Ratio Lower Upper

106 100

91 200.8 140.6 261.2



#54

o-Xylene

Concen: 2.552 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW030576.D

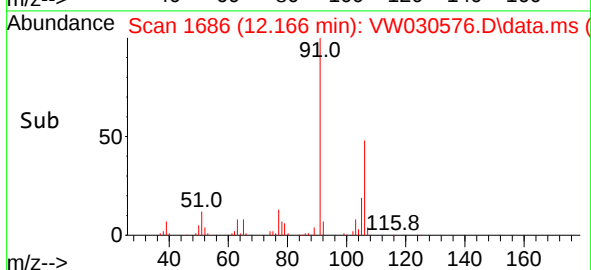
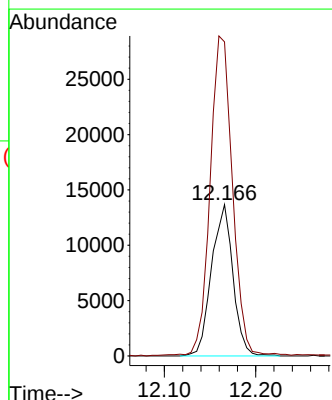
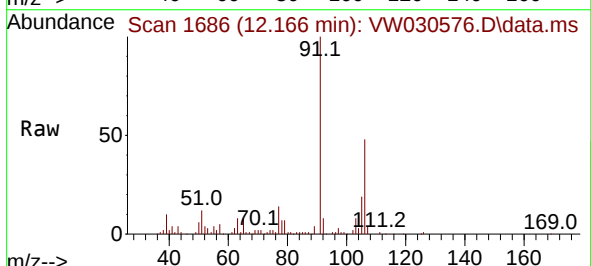
Acq: 12 Oct 2024 03:13

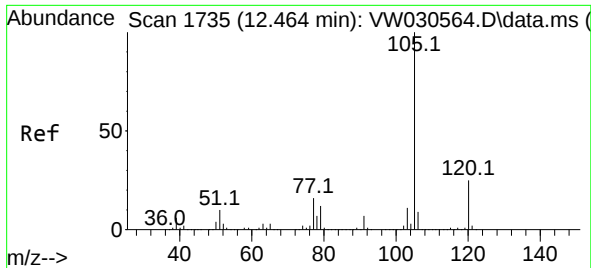
Tgt Ion:106 Resp: 22256

Ion Ratio Lower Upper

106 100

91 207.5 144.5 268.4

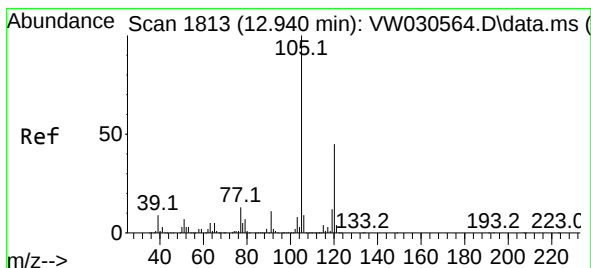
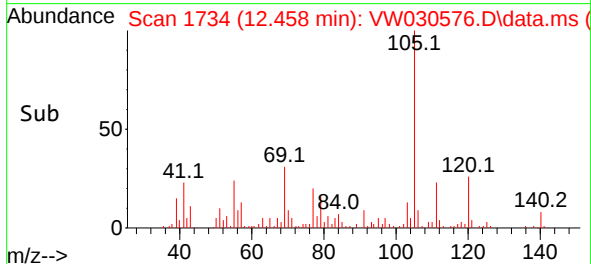
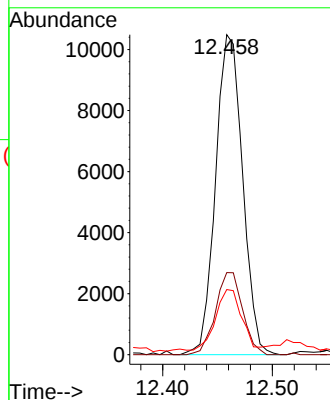
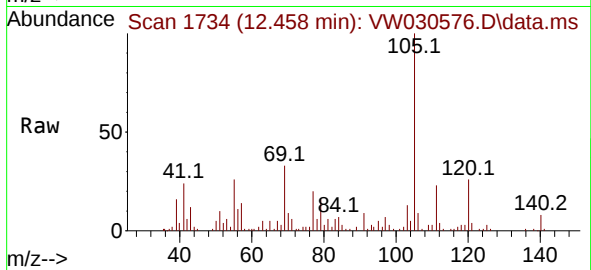




#60
Isopropylbenzene
Concen: 1.304 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030576.D
Acq: 12 Oct 2024 03:13

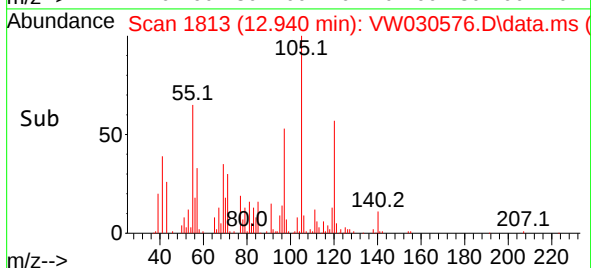
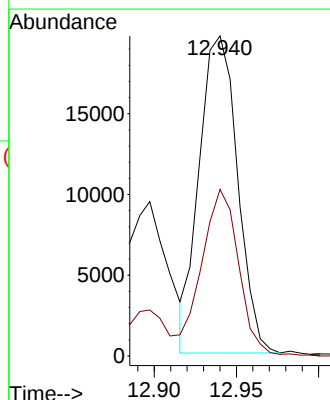
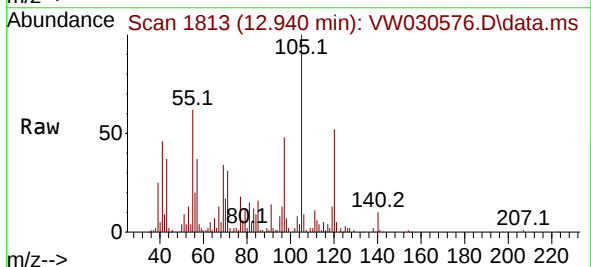
Instrument :
MSVOA_W
ClientSampleId :
EOAY7

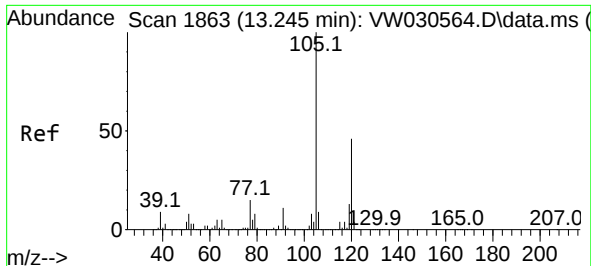
Tgt Ion:105 Resp: 17958
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 18.1 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 2.926 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030576.D
Acq: 12 Oct 2024 03:13

Tgt Ion:105 Resp: 31790
Ion Ratio Lower Upper
105 100
120 50.5 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 6.727 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030576.D

Acq: 12 Oct 2024 03:13

Instrument :

MSVOA_W

ClientSampleId :

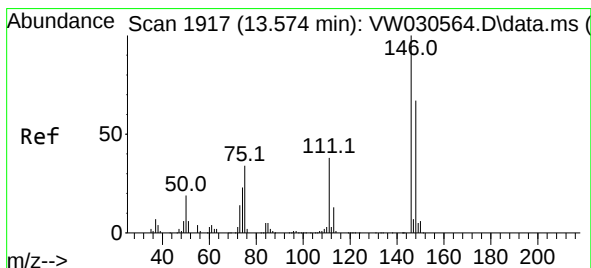
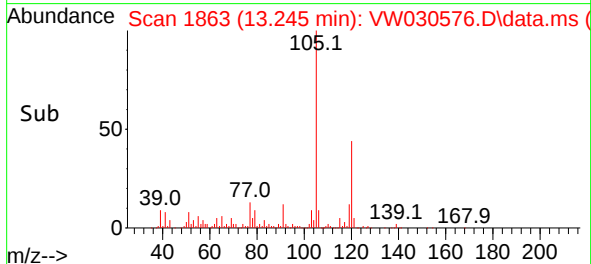
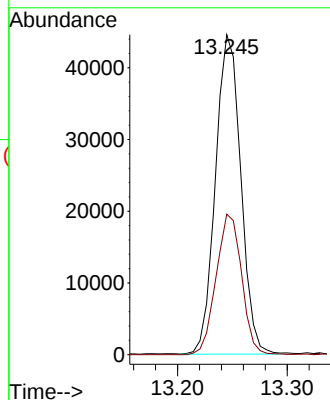
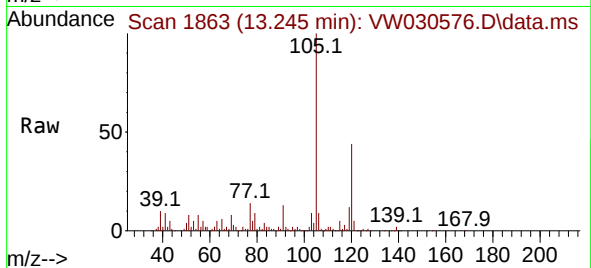
EOAY7

Tgt Ion:105 Resp: 71559

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.6



#65

1,4-Dichlorobenzene

Concen: 1.402 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030576.D

Acq: 12 Oct 2024 03:13

Tgt Ion:146 Resp: 8678

Ion Ratio Lower Upper

146 100

111 118.4 26.8 49.8#

148 58.9 41.0 76.2

