

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024654.D
 Acq On : 28 Sep 2022 13:30
 Operator : SY/VA
 Sample : N4858-03RE
 Misc : 6.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSF6

Quant Time: Sep 29 04:43:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

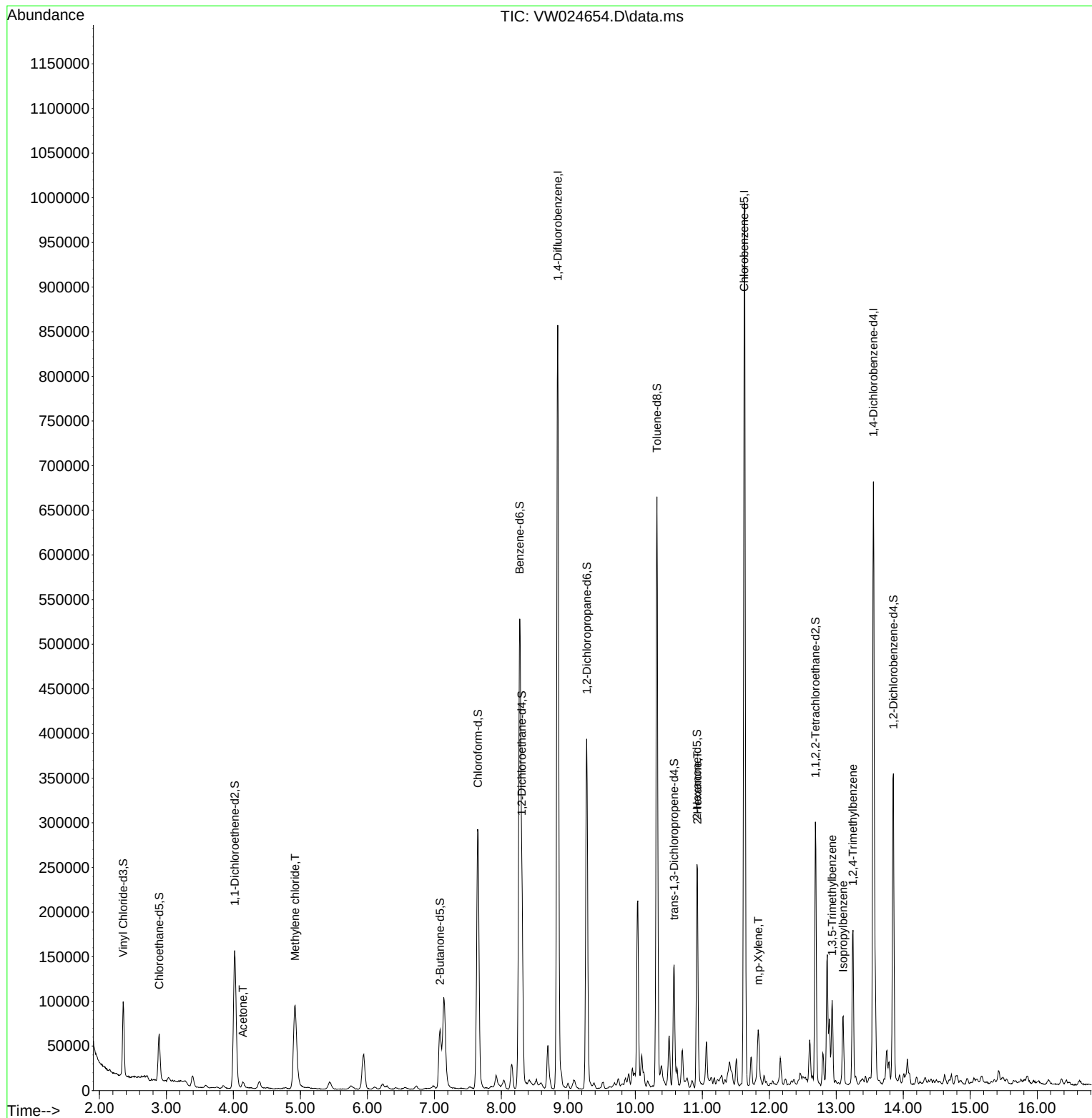
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	698861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	531742	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	82624	11.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.200%
7) Chloroethane-d5	2.892	69	60995	14.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.440%
11) 1,1-Dichloroethene-d2	4.019	63	153634	9.078	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.320%#
21) 2-Butanone-d5	7.086	46	123506	46.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.960%
24) Chloroform-d	7.653	84	300406	16.079	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.320%
26) 1,2-Dichloroethane-d4	8.305	65	160818	16.593	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.360%#
32) Benzene-d6	8.275	84	555414	16.342	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.360%
36) 1,2-Dichloropropane-d6	9.275	67	191538	18.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.760%
41) Toluene-d8	10.323	98	433724	14.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.120%
43) trans-1,3-Dichloroprop...	10.579	79	74145	16.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.120%
47) 2-Hexanone-d5	10.921	63	90673	51.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	149674	20.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	87351	14.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	59.920%#
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	14134	7.369	ug/L	97
16) Methylene chloride	4.922	84	74642	5.438	ug/L	98
48) 2-Hexanone	10.927	43	11699	3.181	ug/L #	59
53) m,p-Xylene	11.835	106	10943	0.662	ug/L	98
60) Isopropylbenzene	13.103	105	46745	1.731	ug/L	93
62) 1,3,5-Trimethylbenzene	12.939	105	44355	1.889	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	94941	4.128	ug/L	98

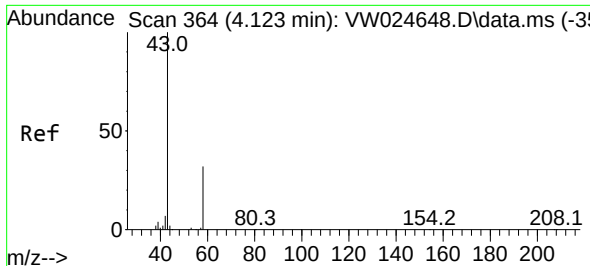
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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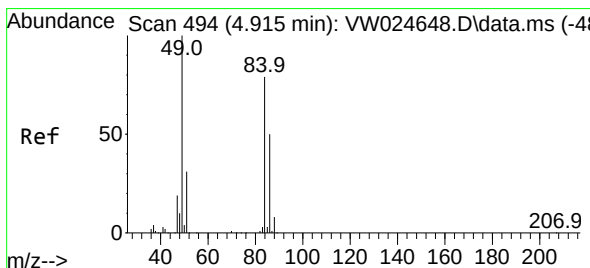
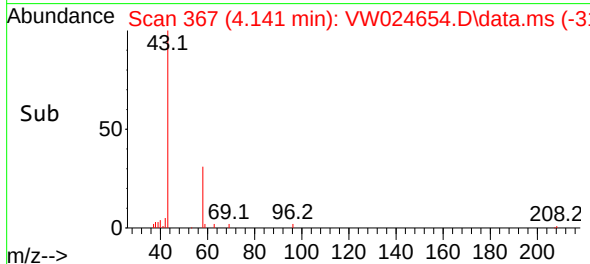
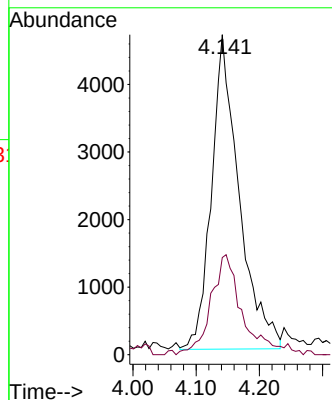
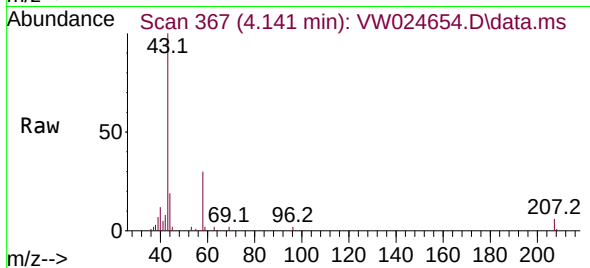




#13
Acetone
Concen: 7.369 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.019 min
Lab File: VW024654.D
Acq: 28 Sep 2022 13:30

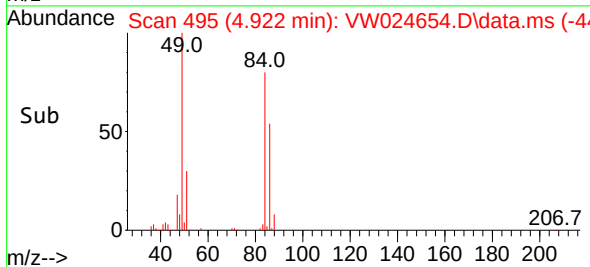
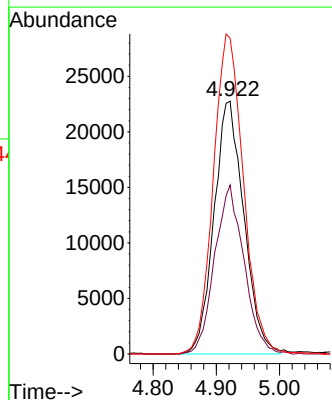
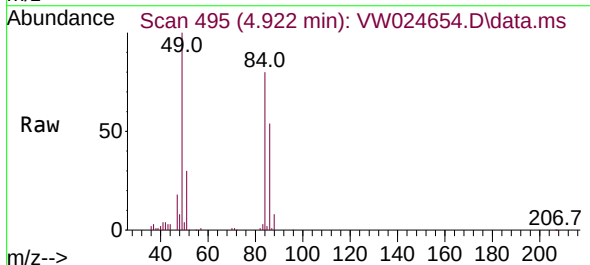
Instrument :
MSVOA_W
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BGSF6

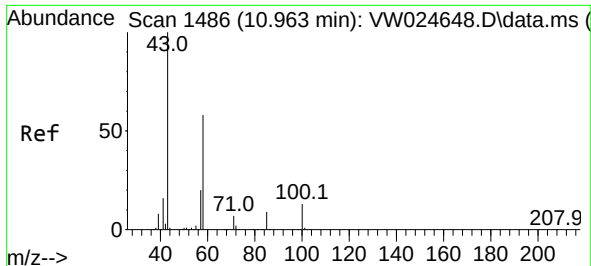
Tgt Ion: 43 Resp: 14134
Ion Ratio Lower Upper
43 100
58 32.2 0.0 67.6



#16
Methylene chloride
Concen: 5.438 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024654.D
Acq: 28 Sep 2022 13:30

Tgt Ion: 84 Resp: 74642
Ion Ratio Lower Upper
84 100
86 66.9 44.0 81.8
49 124.9 87.4 162.2

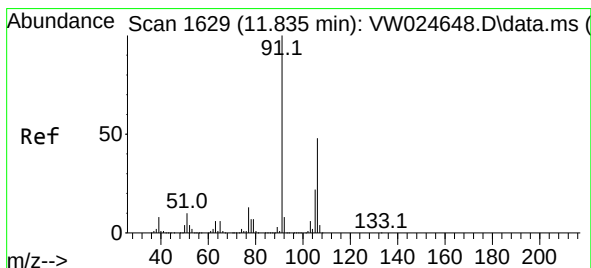
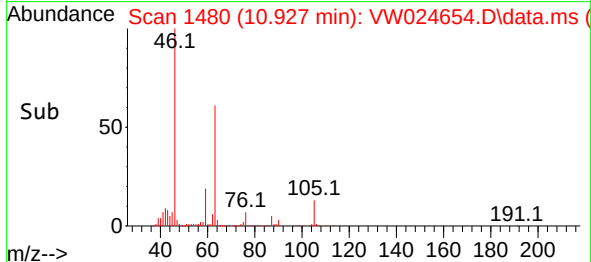
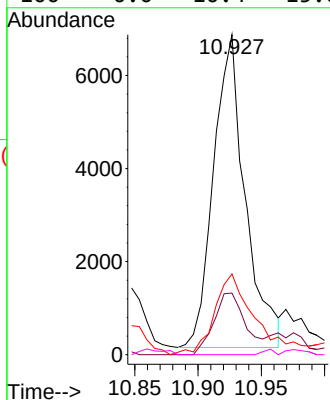
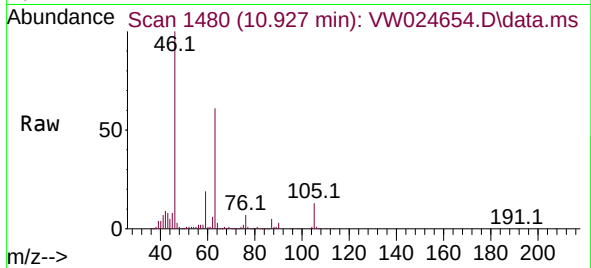




#48
2-Hexanone
Concen: 3.181 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.036 min
Lab File: VW024654.D
Acq: 28 Sep 2022 13:30

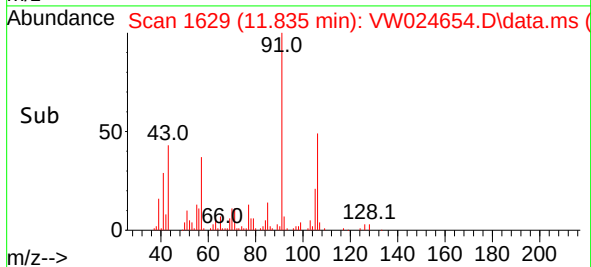
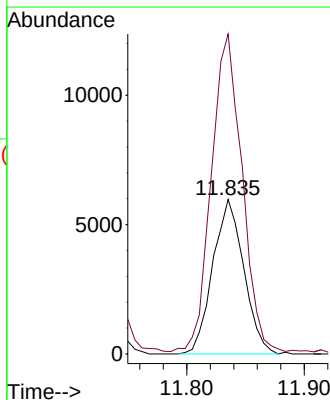
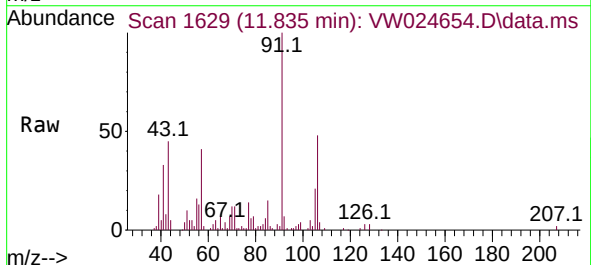
Instrument :
MSVOA_W
ClientSampleId :
BGSF6

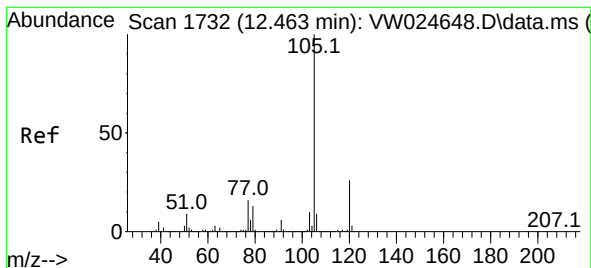
Tgt Ion: 43 Resp: 11699
Ion Ratio Lower Upper
43 100
58 19.9 45.3 67.9#
57 29.9 16.3 24.5#
100 0.0 10.4 15.6#



#53
m,p-Xylene
Concen: 0.662 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024654.D
Acq: 28 Sep 2022 13:30

Tgt Ion:106 Resp: 10943
Ion Ratio Lower Upper
106 100
91 207.1 146.8 272.6





#60

Isopropylbenzene

Concen: 1.731 ug/L

RT: 13.103 min Scan# 1837

Delta R.T. 0.641 min

Lab File: VW024654.D

Acq: 28 Sep 2022 13:30

Instrument :

MSVOA_W

ClientSampleId :

BGSF6

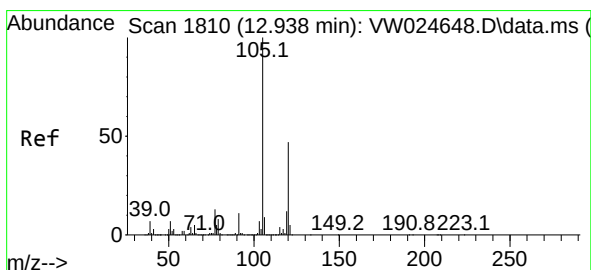
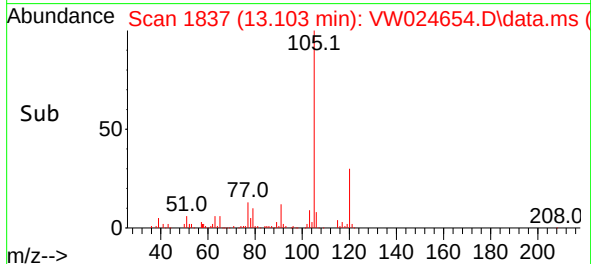
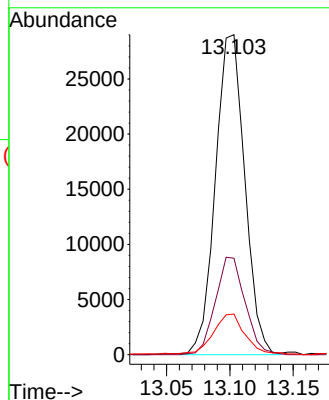
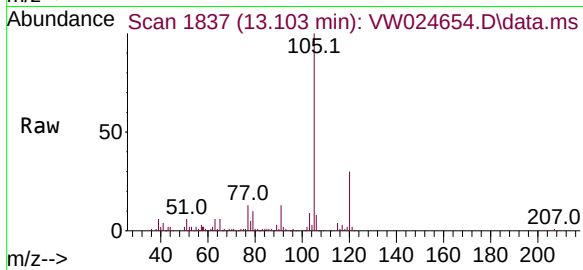
Tgt Ion:105 Resp: 46745

Ion Ratio Lower Upper

105 100

120 30.8 20.9 31.3

77 14.0 12.7 19.1



#62

1,3,5-Trimethylbenzene

Concen: 1.889 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024654.D

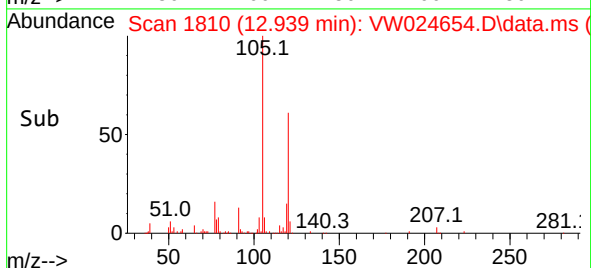
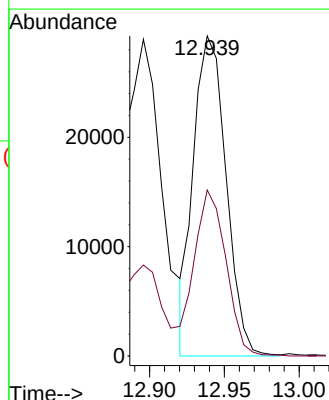
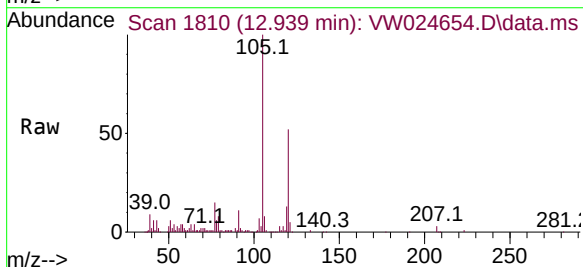
Acq: 28 Sep 2022 13:30

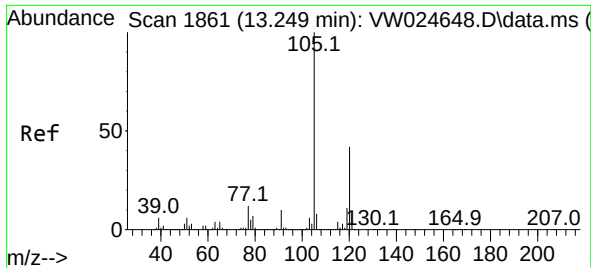
Tgt Ion:105 Resp: 44355

Ion Ratio Lower Upper

105 100

120 51.3 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 4.128 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024654.D
 Acq: 28 Sep 2022 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSF6

Tgt Ion:105 Resp: 94941
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.2 52.8

