

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026504.D
 Acq On : 01 Jul 2023 04:48
 Operator : SY/MD
 Sample : 03501-10
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X5

Quant Time: Jul 03 01:16:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

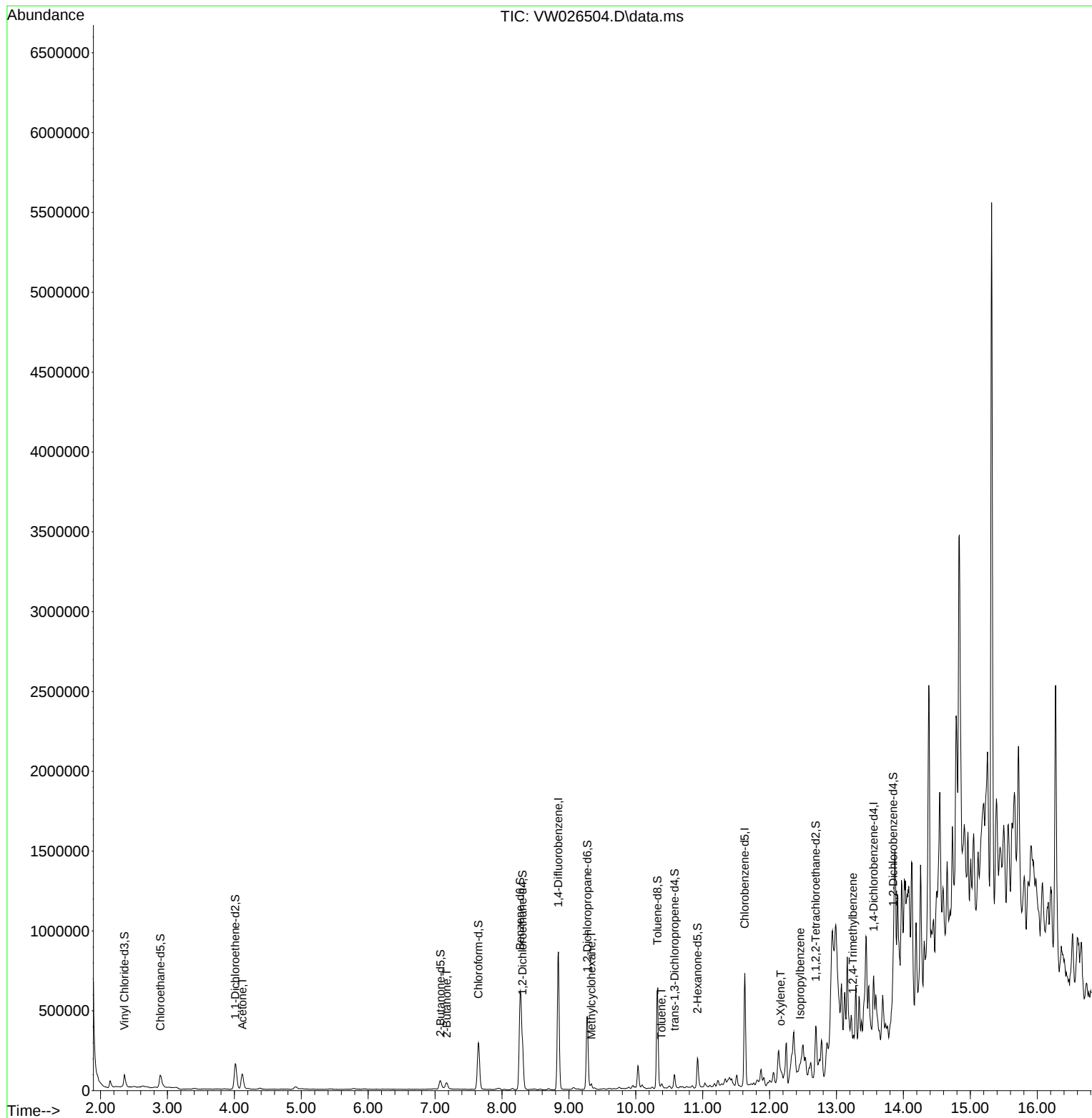
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	686424	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	349735	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	92824	11.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.520%
7) Chloroethane-d5	2.893	69	120032	18.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.440%
11) 1,1-Dichloroethene-d2	4.015	65	53935	13.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.160%
21) 2-Butanone-d5	7.081	46	95723	32.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.820%
24) Chloroform-d	7.648	84	284229	16.988	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.960%
26) 1,2-Dichloroethane-d4	8.307	65	199726	21.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.360%
32) Benzene-d6	8.270	84	627467	30.849	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.400%
36) 1,2-Dichloropropane-d6	9.276	67	211259	32.588	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.360%#
41) Toluene-d8	10.325	98	386663	21.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	10.581	79	43435	16.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.480%
47) 2-Hexanone-d5	10.922	63	55574	51.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104797	20.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	66257	20.430	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.720%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	169481	81.226	ug/L	92
22) 2-Butanone	7.173	43	67750	19.805	ug/L	95
35) Methylcyclohexane	9.337	83	8464	0.852	ug/L #	58
42) Toluene	10.386	91	17918	0.800	ug/L	96
54) o-Xylene	12.166	106	9915	1.143	ug/L	93
60) Isopropylbenzene	12.458	105	8021	0.590	ug/L #	65
63) 1,2,4-Trimethylbenzene	13.245	105	48702	4.615	ug/L	98

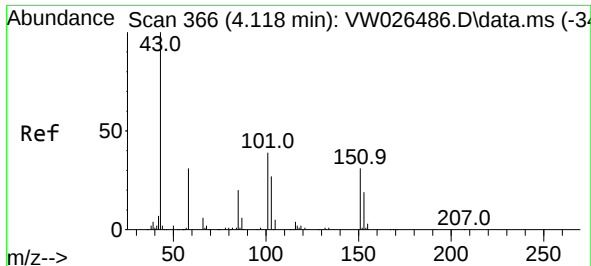
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Jul 01 01:41:22 2023
Response via : Initial Calibration

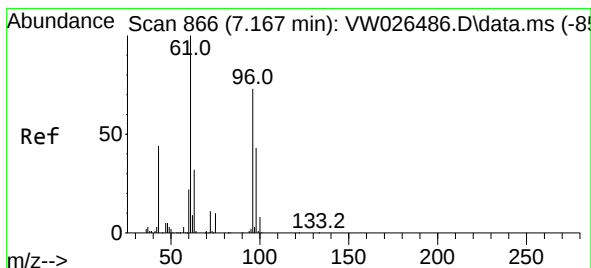
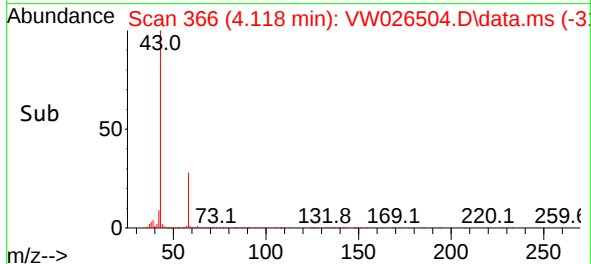
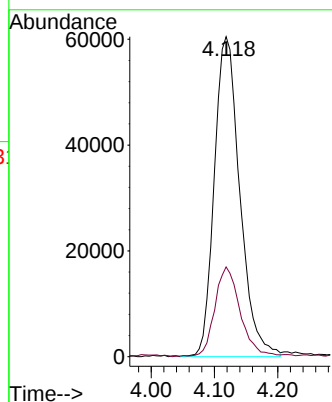
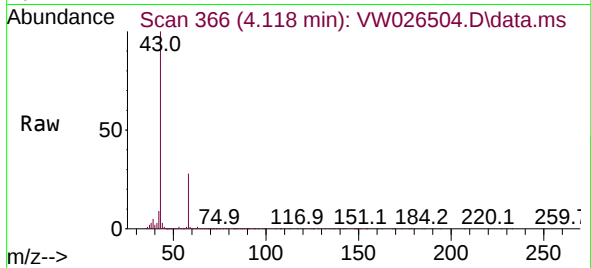




#13
Acetone
Concen: 81.226 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

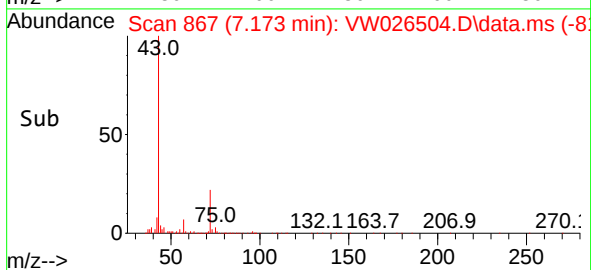
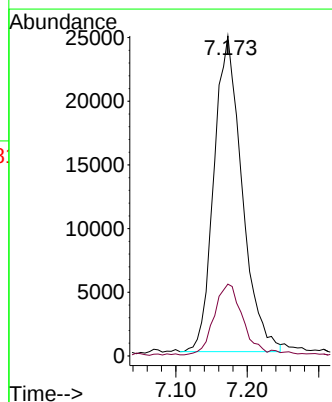
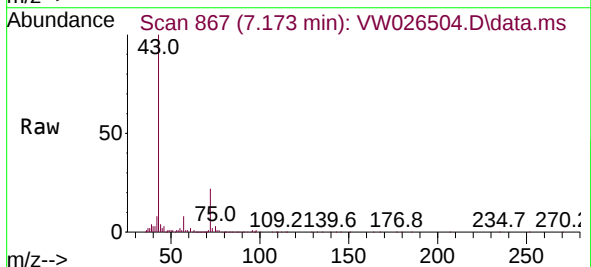
Instrument :
MSVOA_W
ClientSampleId :
A46X5

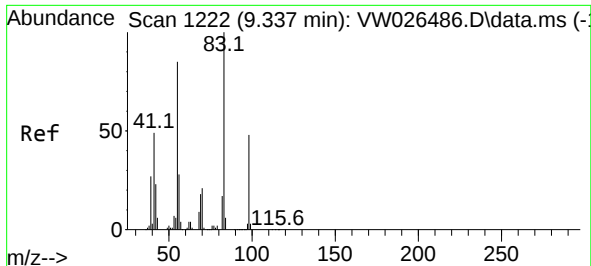
Tgt Ion: 43 Resp: 169481
Ion Ratio Lower Upper
43 100
58 27.4 0.0 63.2



#22
2-Butanone
Concen: 19.805 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion: 43 Resp: 67750
Ion Ratio Lower Upper
43 100
72 22.6 12.6 37.8

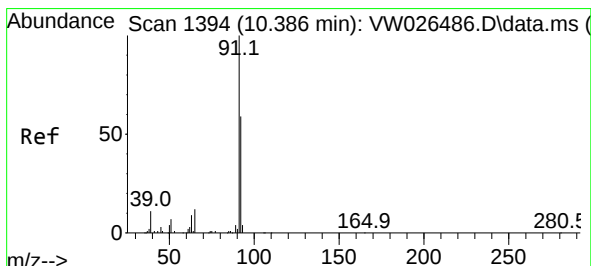
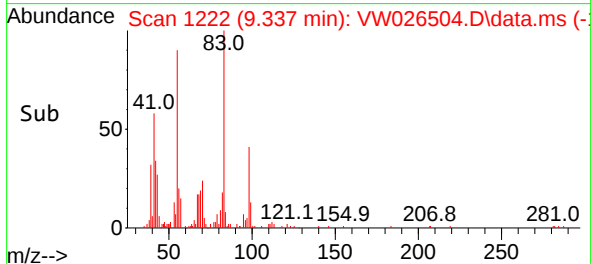
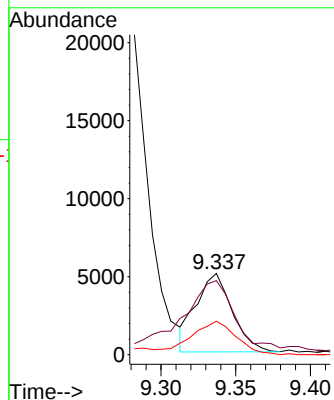
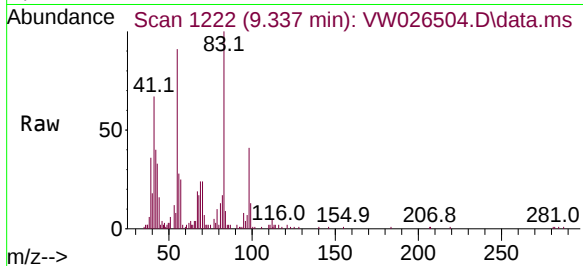




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

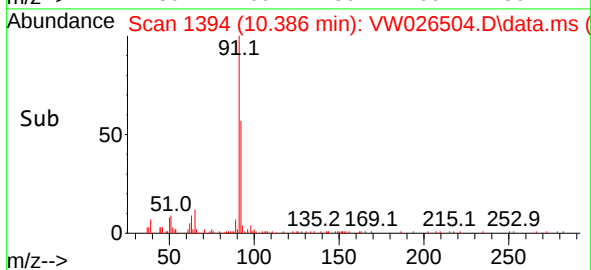
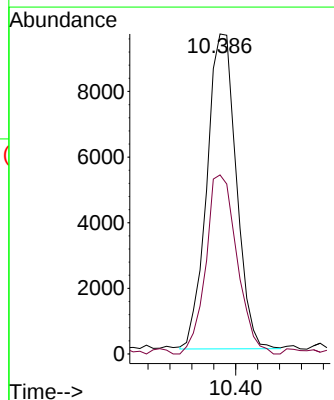
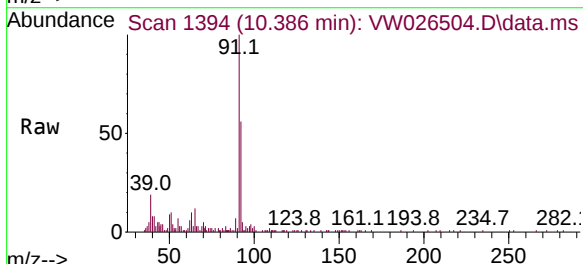
Instrument :
MSVOA_W
ClientSampleId :
A46X5

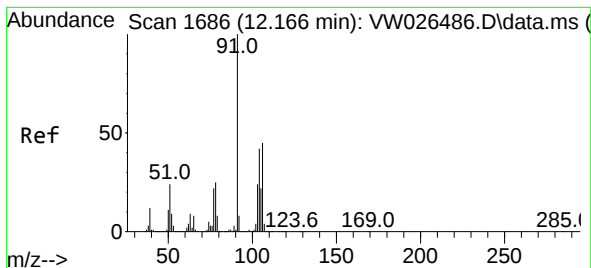
Tgt Ion: 83 Resp: 8464
Ion Ratio Lower Upper
83 100
55 137.0 66.5 99.7#
98 52.3 37.0 55.6



#42
Toluene
Concen: 0.800 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion: 91 Resp: 17918
Ion Ratio Lower Upper
91 100
92 56.0 41.4 76.8





#54

o-Xylene

Concen: 1.143 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026504.D

Acq: 01 Jul 2023 04:48

Instrument :

MSVOA_W

ClientSampleId :

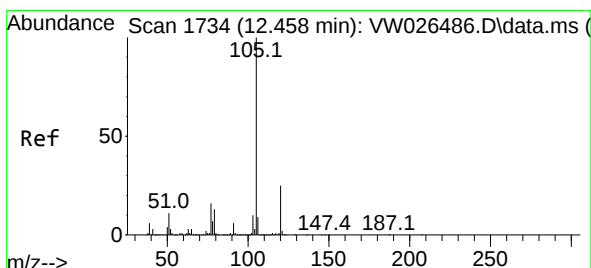
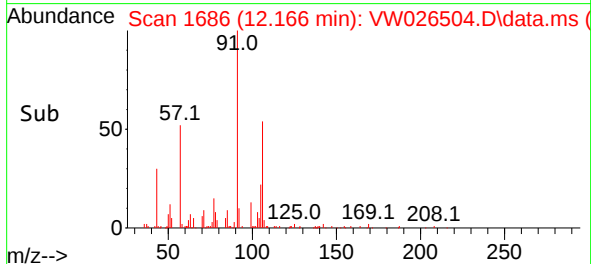
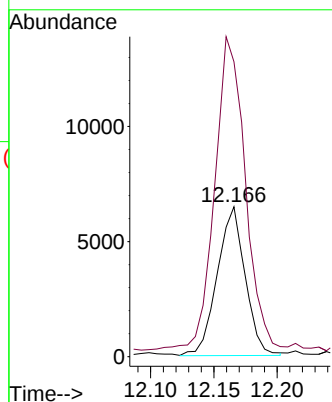
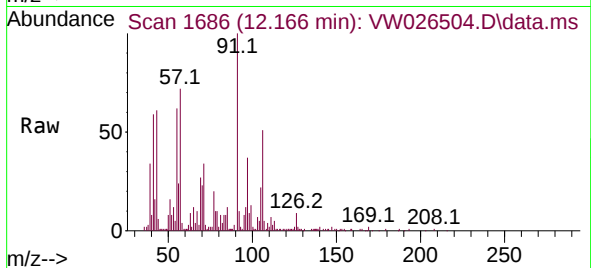
A46X5

Tgt Ion:106 Resp: 9915

Ion Ratio Lower Upper

106 100

91 196.6 145.5 270.1



#60

Isopropylbenzene

Concen: 0.590 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026504.D

Acq: 01 Jul 2023 04:48

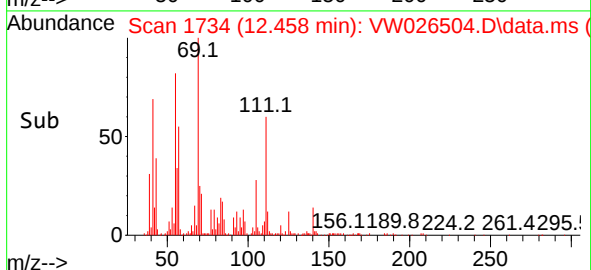
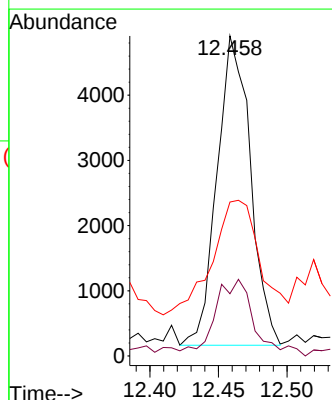
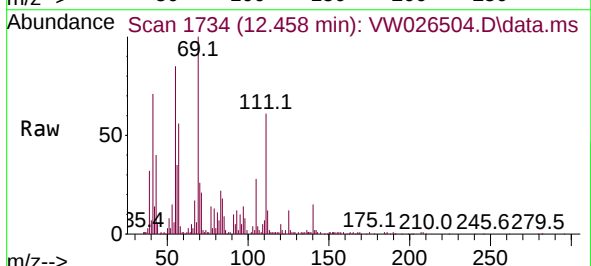
Tgt Ion:105 Resp: 8021

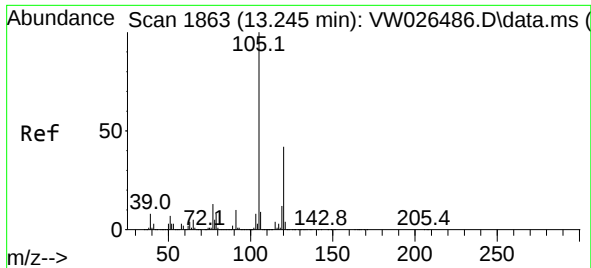
Ion Ratio Lower Upper

105 100

120 23.6 20.5 30.7

77 52.1 12.9 19.3#





#63
 1,2,4-Trimethylbenzene
 Concen: 4.615 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW026504.D
 Acq: 01 Jul 2023 04:48

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Tgt Ion:105 Resp: 48702
 Ion Ratio Lower Upper
 105 100
 120 44.0 36.0 54.0

