

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026498.D
 Acq On : 01 Jul 2023 02:24
 Operator : SY/MD
 Sample : 03444-20
 Misc : 5.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y1

Quant Time: Jul 03 01:15:05 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)

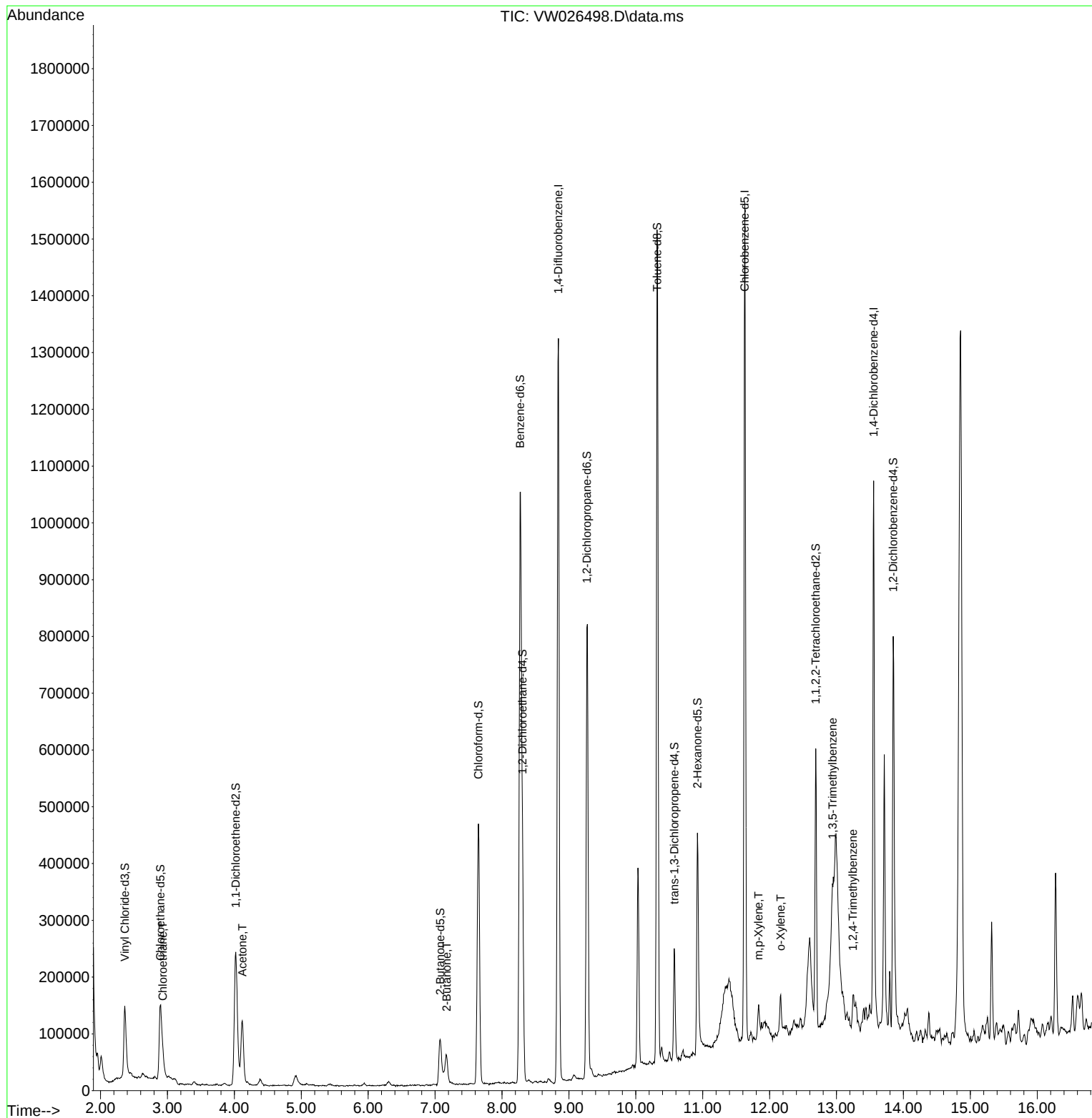
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1076071	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	742105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	228640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	200657	16.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.520%
7) Chloroethane-d5	2.893	69	206363	20.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	4.021	65	96292	15.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.840%
21) 2-Butanone-d5	7.075	46	143591	31.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.020%
24) Chloroform-d	7.648	84	455109	17.352	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.400%
26) 1,2-Dichloroethane-d4	8.307	65	310894	21.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.760%
32) Benzene-d6	8.270	84	1027548	23.808	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.270	67	380922	27.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.760%
41) Toluene-d8	10.319	98	925665	24.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.575	79	106336	19.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	10.922	63	132360	57.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246204	23.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	168561	21.173	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%
Target Compounds						
					Qvalue	
8) Chloroethane	2.930	64	29810	3.222	ug/L	99
13) Acetone	4.119	43	169606	51.852	ug/L	93
22) 2-Butanone	7.173	43	82974	15.472	ug/L	93
53) m,p-Xylene	11.837	106	15696	0.791	ug/L	90
54) o-Xylene	12.166	106	17556	0.954	ug/L	86
62) 1,3,5-Trimethylbenzene	12.940	105	14736	0.556	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	23969	0.925	ug/L	99

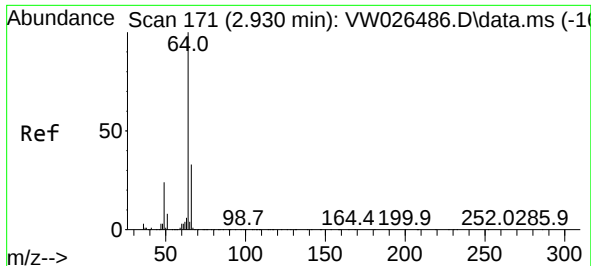
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

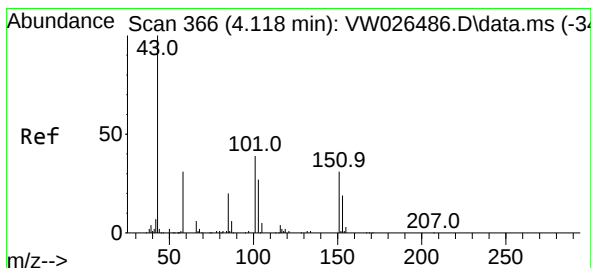
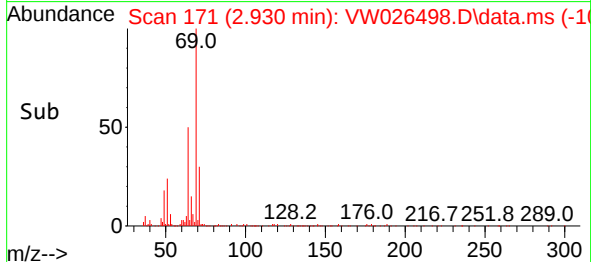
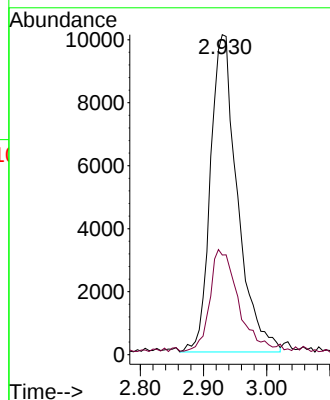
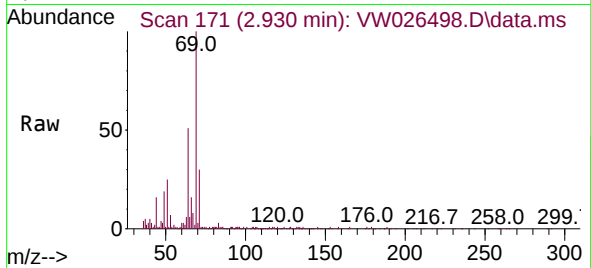




#8
Chloroethane
Concen: 3.222 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026498.D
Acq: 01 Jul 2023 02:24

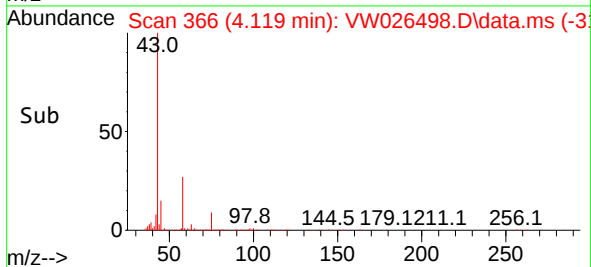
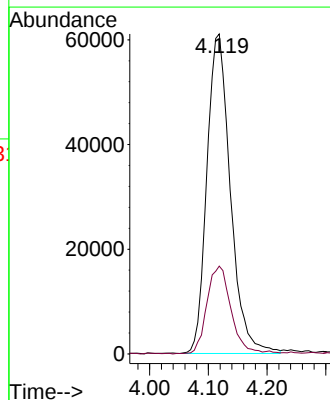
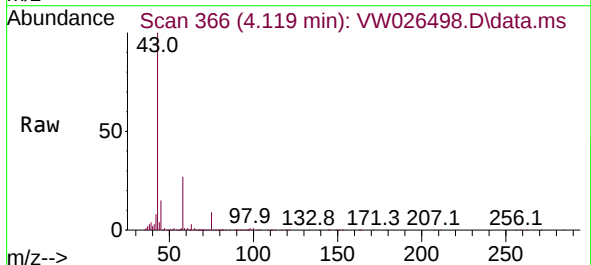
Instrument :
MSVOA_W
ClientSampleId :
A46Y1

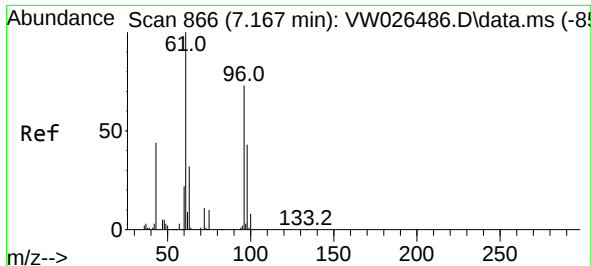
Tgt Ion: 64 Resp: 29810
Ion Ratio Lower Upper
64 100
66 31.2 22.1 41.1



#13
Acetone
Concen: 51.852 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026498.D
Acq: 01 Jul 2023 02:24

Tgt Ion: 43 Resp: 169606
Ion Ratio Lower Upper
43 100
58 27.7 0.0 63.2

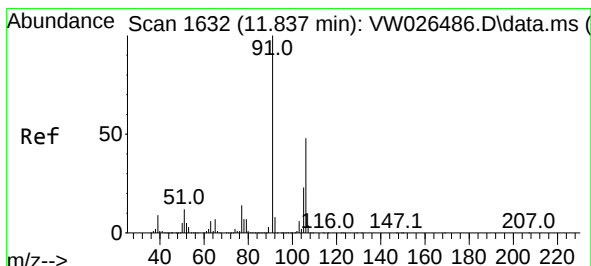
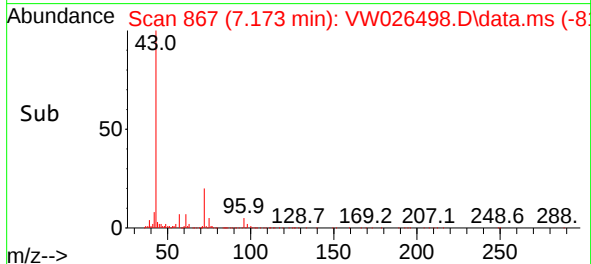
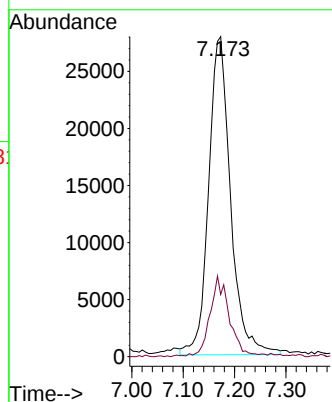
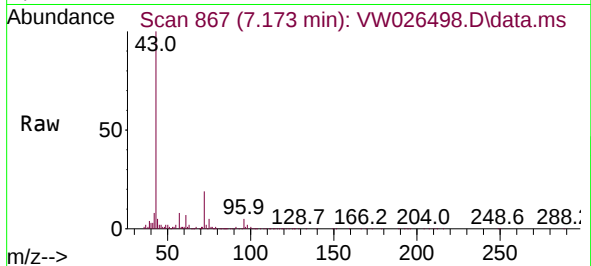




#22
2-Butanone
Concen: 15.472 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026498.D
Acq: 01 Jul 2023 02:24

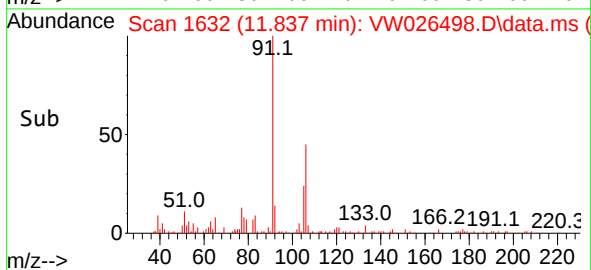
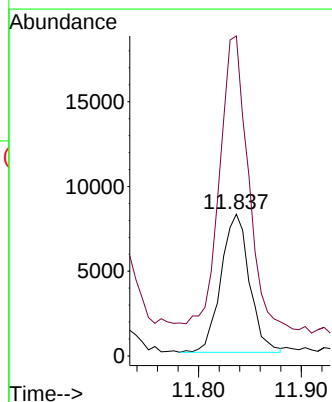
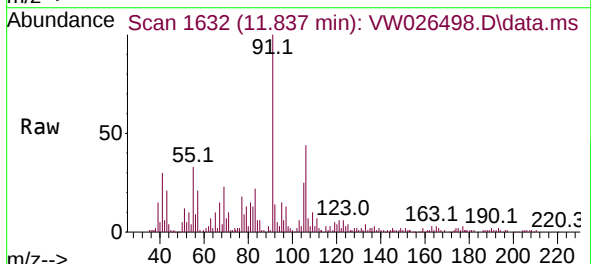
Instrument :
MSVOA_W
ClientSampleId :
A46Y1

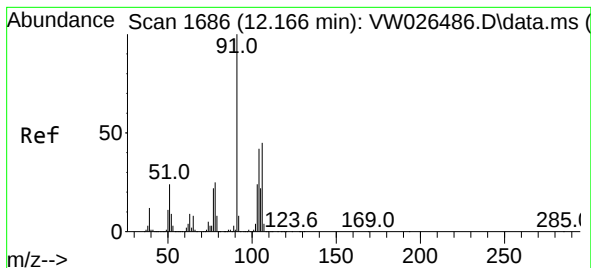
Tgt Ion: 43 Resp: 82974
Ion Ratio Lower Upper
43 100
72 21.5 12.6 37.8



#53
m,p-Xylene
Concen: 0.791 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026498.D
Acq: 01 Jul 2023 02:24

Tgt Ion: 106 Resp: 15696
Ion Ratio Lower Upper
106 100
91 225.8 146.7 272.5





#54

o-Xylene

Concen: 0.954 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026498.D

Acq: 01 Jul 2023 02:24

Instrument :

MSVOA_W

ClientSampleId :

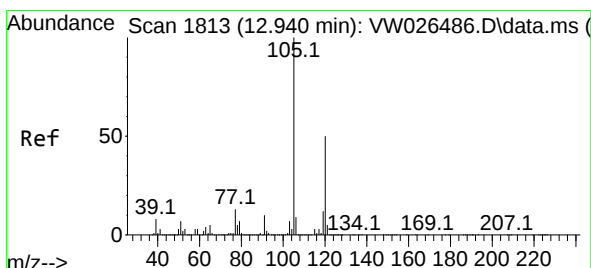
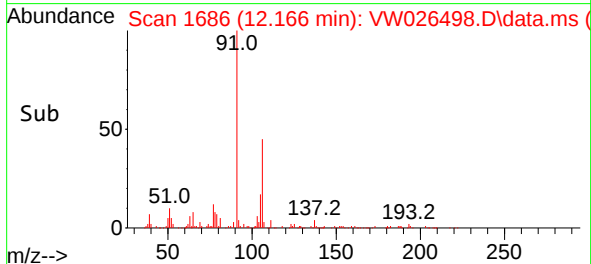
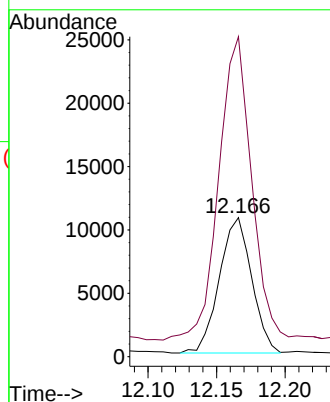
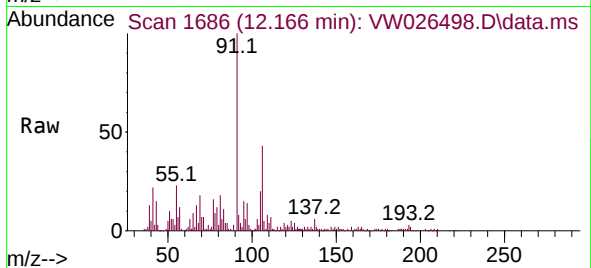
A46Y1

Tgt Ion:106 Resp: 17556

Ion Ratio Lower Upper

106 100

91 230.1 145.5 270.1



#62

1,3,5-Trimethylbenzene

Concen: 0.556 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026498.D

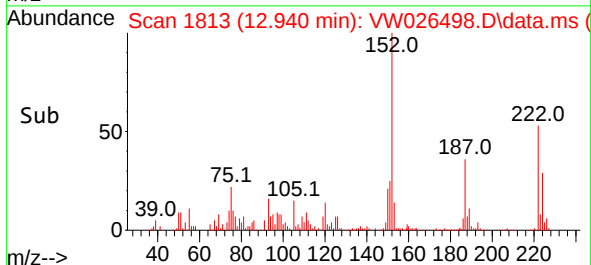
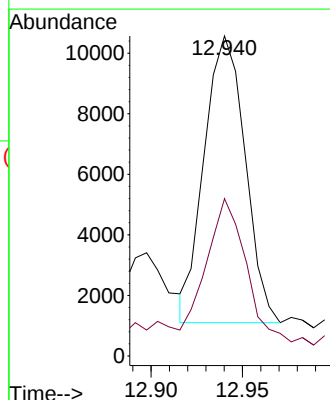
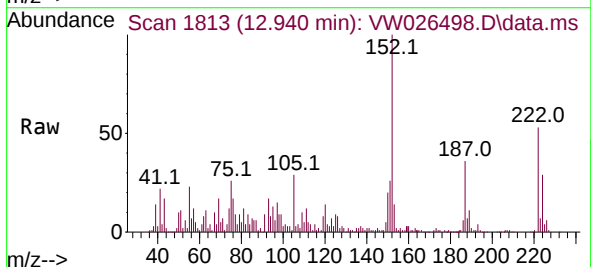
Acq: 01 Jul 2023 02:24

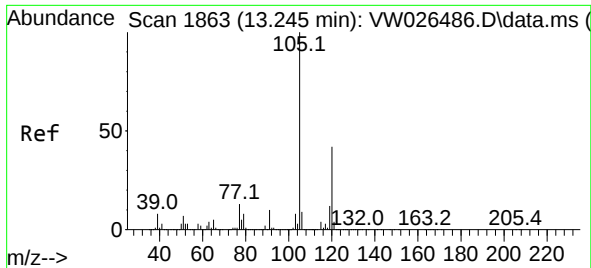
Tgt Ion:105 Resp: 14736

Ion Ratio Lower Upper

105 100

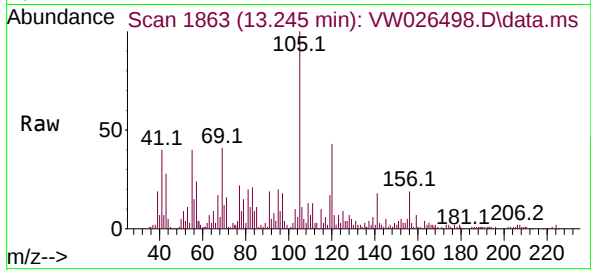
120 51.2 39.2 58.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.925 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW026498.D
 Acq: 01 Jul 2023 02:24

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y1



Tgt Ion:105 Resp: 23969
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.0 54.0

