

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026873.D
 Acq On : 25 Aug 2023 00:05
 Operator : SY/MD
 Sample : 04113-15
 Misc : 5.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 25 05:23:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

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

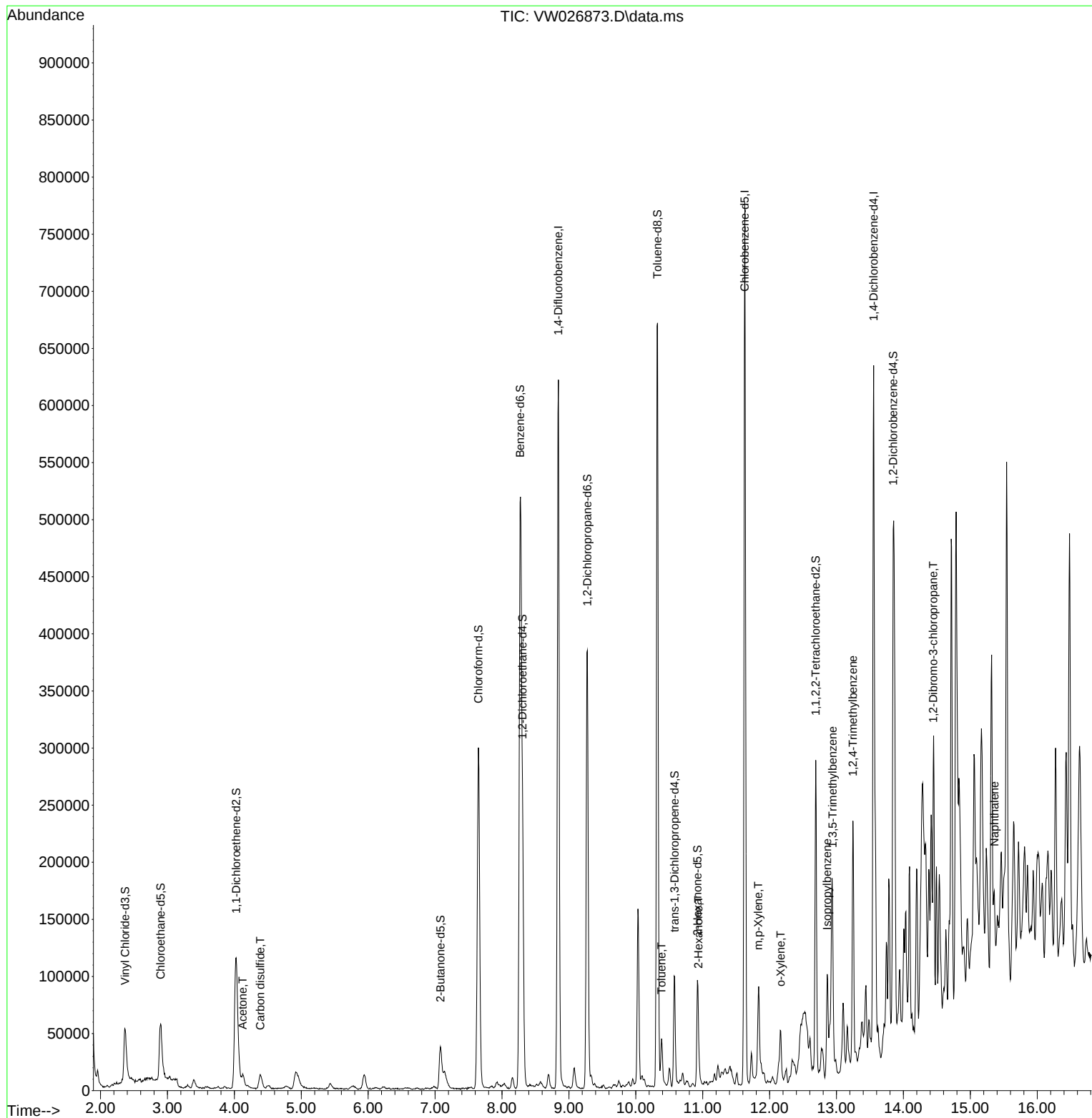
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	491097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	391098	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	148398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	78199	9.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.760%
7) Chloroethane-d5	2.899	69	80933	13.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.920%
11) 1,1-Dichloroethene-d2	4.027	65	48486	12.211	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.840%
21) 2-Butanone-d5	7.081	46	60625	26.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.260%
24) Chloroform-d	7.648	84	299336	18.161	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.640%
26) 1,2-Dichloroethane-d4	8.307	65	178471	19.621	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.480%
32) Benzene-d6	8.270	84	526965	19.550	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	9.276	67	165547	19.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.880%
41) Toluene-d8	10.325	98	430687	18.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.440%
43) trans-1,3-Dichloroprop...	10.581	79	52735	15.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.840%
47) 2-Hexanone-d5	10.922	63	28750	32.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	121328	18.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	106238	20.001	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.000%
Target Compounds	Qvalue					
13) Acetone	4.125	43	16674	7.227	ug/L	99
14) Carbon disulfide	4.387	76	28654	1.097	ug/L	98
42) Toluene	10.386	91	26630	0.924	ug/L	95
48) 2-Hexanone	10.934	43	8700	2.520	ug/L #	50
53) m,p-Xylene	11.830	106	17749	1.483	ug/L	93
54) o-Xylene	12.166	106	11932	1.068	ug/L	88
60) Isopropylbenzene	12.861	105	49706	2.253	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	55789	3.199	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	117255	6.861	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.446	75	2660	3.065	ug/L #	12
71) Naphthalene	15.360	128	47751	4.555	ug/L	99

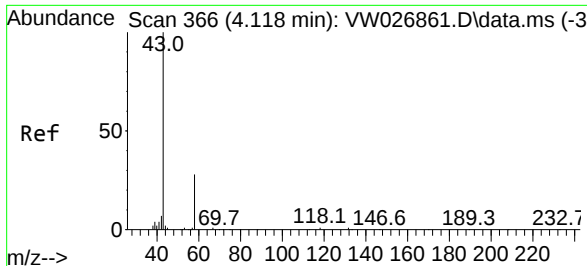
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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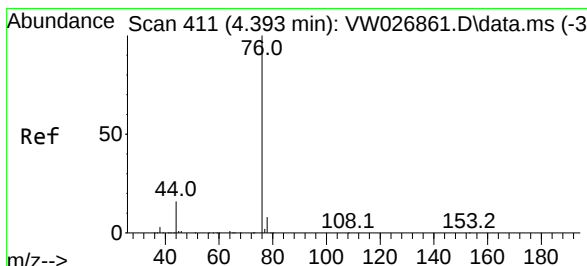
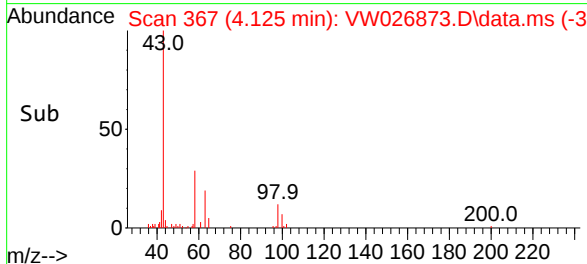
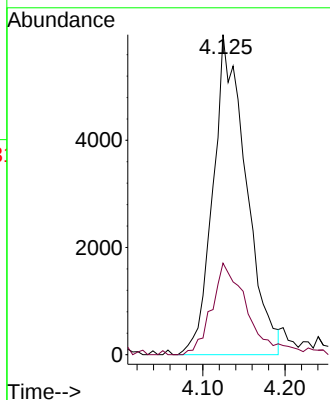
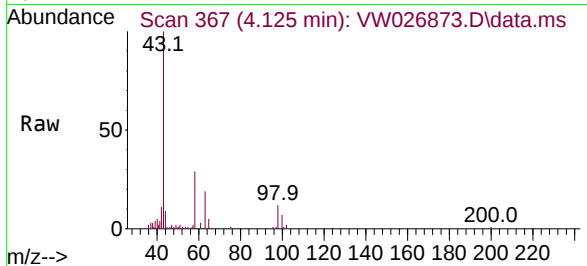




#13
Acetone
Concen: 7.227 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW026873.D
Acq: 25 Aug 2023 00:05

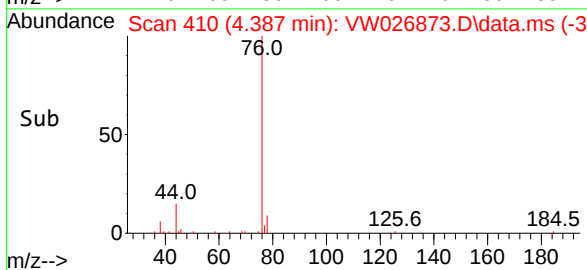
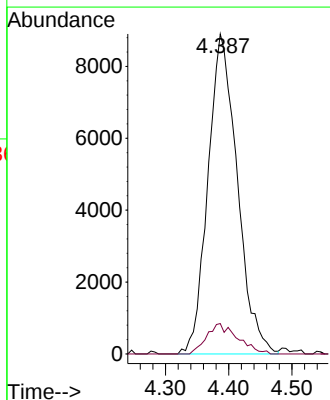
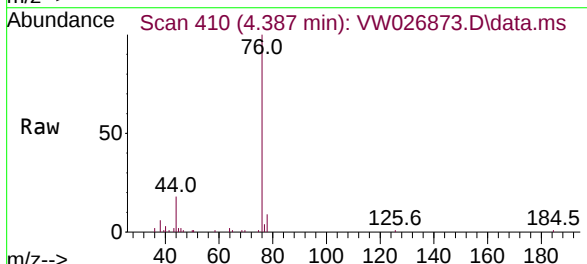
Instrument :
MSVOA_W
ClientSampleId :

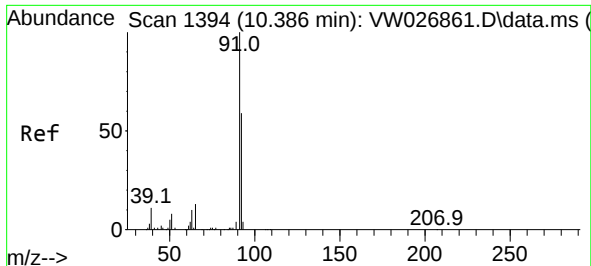
Tgt Ion: 43 Resp: 16674
Ion Ratio Lower Upper
43 100
58 29.1 0.0 57.4



#14
Carbon disulfide
Concen: 1.097 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026873.D
Acq: 25 Aug 2023 00:05

Tgt Ion: 76 Resp: 28654
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

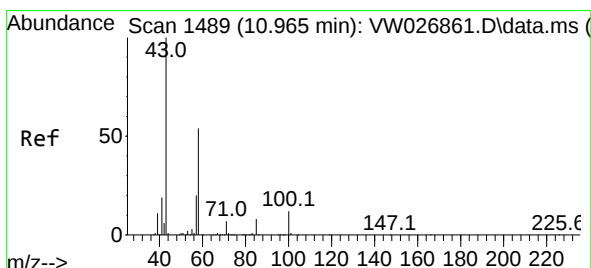
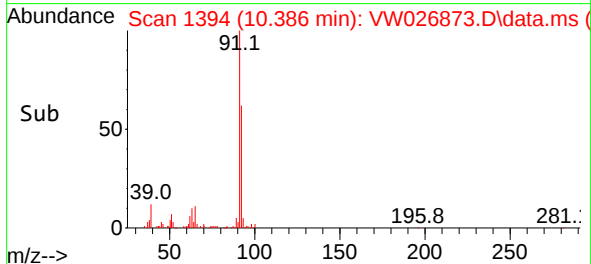
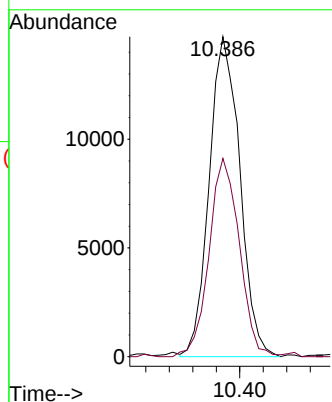
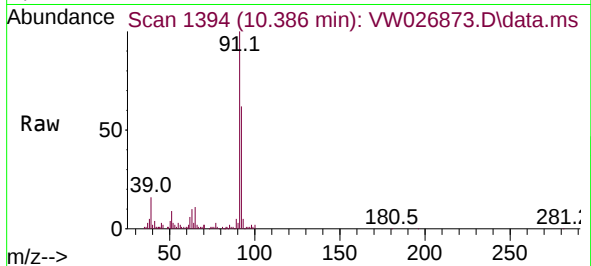




#42
Toluene
Concen: 0.924 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026873.D
Acq: 25 Aug 2023 00:05

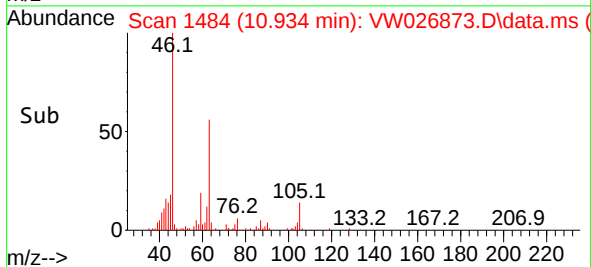
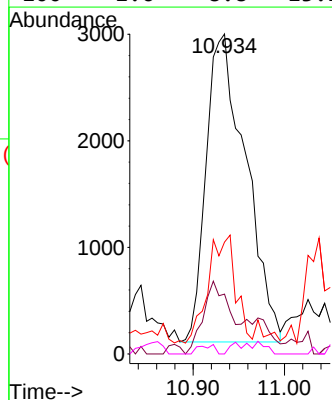
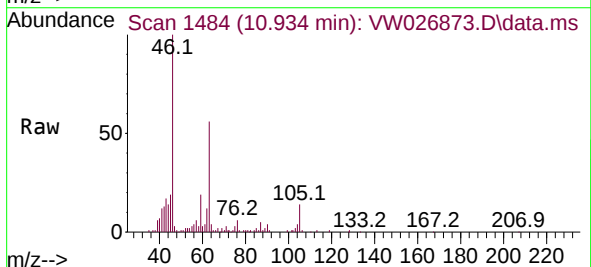
Instrument :
MSVOA_W
ClientSampleId :

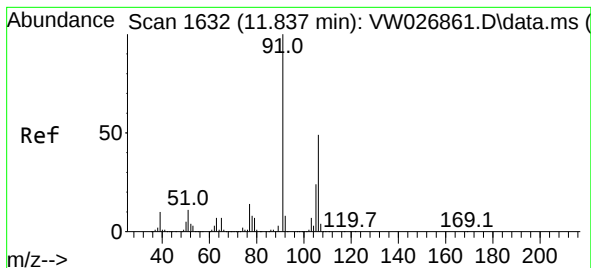
Tgt Ion: 91 Resp: 26630
Ion Ratio Lower Upper
91 100
92 61.9 40.8 75.8



#48
2-Hexanone
Concen: 2.520 ug/L
RT: 10.934 min Scan# 1484
Delta R.T. -0.030 min
Lab File: VW026873.D
Acq: 25 Aug 2023 00:05

Tgt Ion: 43 Resp: 8700
Ion Ratio Lower Upper
43 100
58 3.7 41.1 61.7#
57 11.3 14.3 21.5#
100 1.6 8.8 13.2#





#53

m,p-Xylene

Concen: 1.483 ug/L

RT: 11.830 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026873.D

Acq: 25 Aug 2023 00:05

Instrument :

MSVOA_W

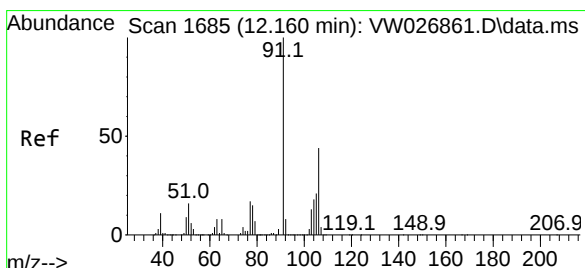
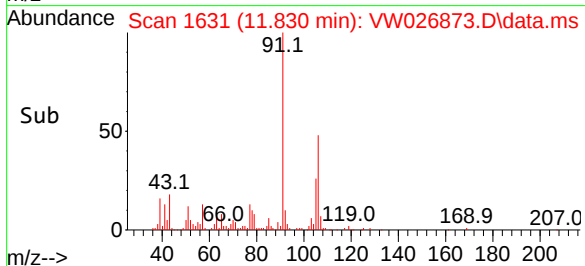
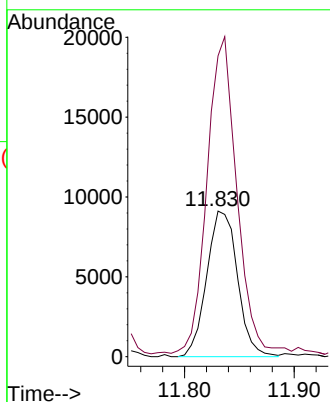
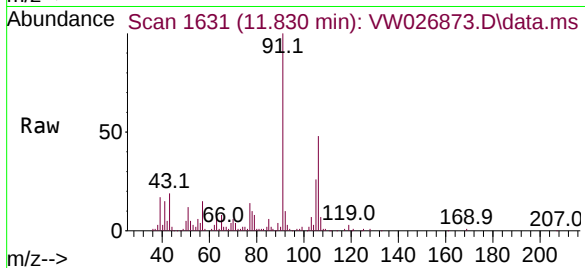
ClientSampleId :

Tgt Ion:106 Resp: 17749

Ion Ratio Lower Upper

106 100

91 206.5 152.9 284.1



#54

o-Xylene

Concen: 1.068 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW026873.D

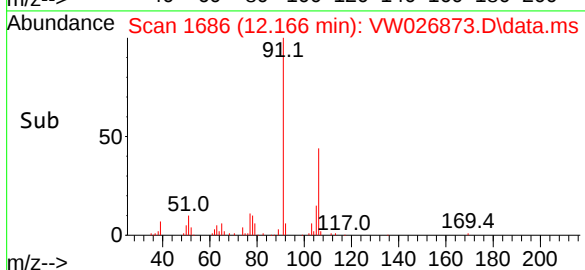
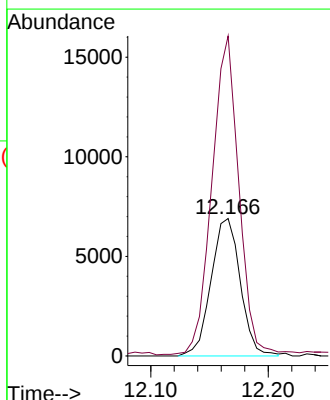
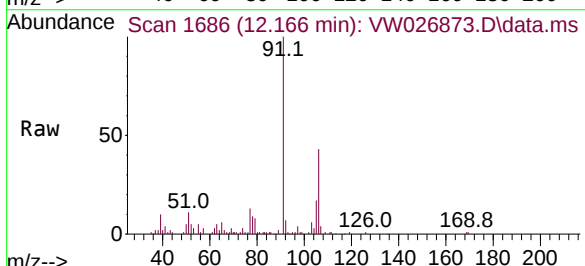
Acq: 25 Aug 2023 00:05

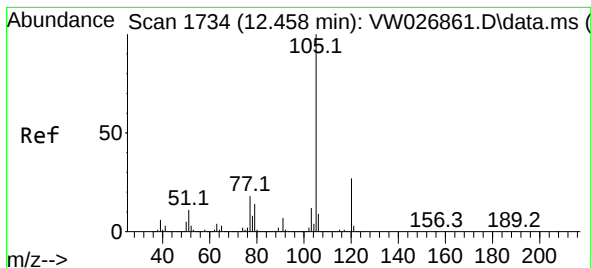
Tgt Ion:106 Resp: 11932

Ion Ratio Lower Upper

106 100

91 232.9 149.9 278.3





#60

Isopropylbenzene

Concen: 2.253 ug/L

RT: 12.861 min Scan# 1800

Delta R.T. 0.402 min

Lab File: VW026873.D

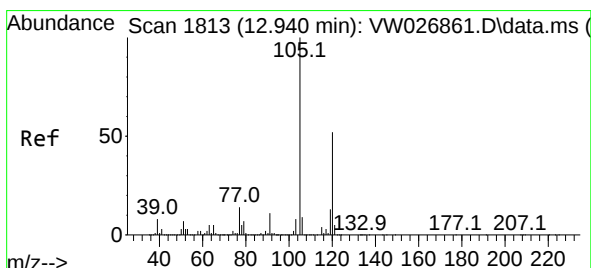
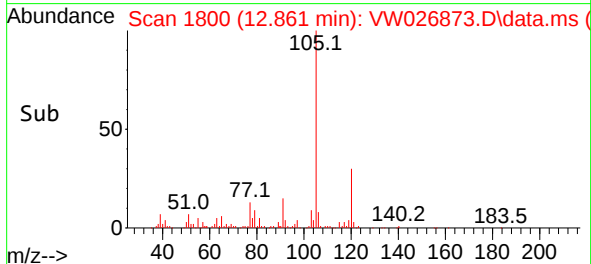
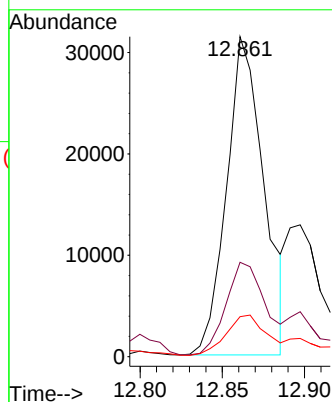
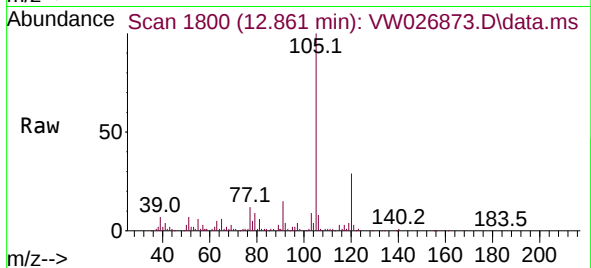
Acq: 25 Aug 2023 00:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	49706
Ion Ratio	Lower	Upper
105	100	
120	30.9	21.0 31.6
77	13.5	13.4 20.2



#62

1,3,5-Trimethylbenzene

Concen: 3.199 ug/L

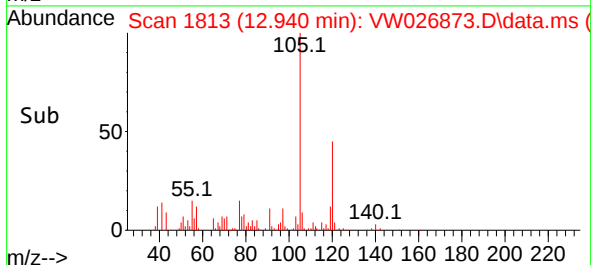
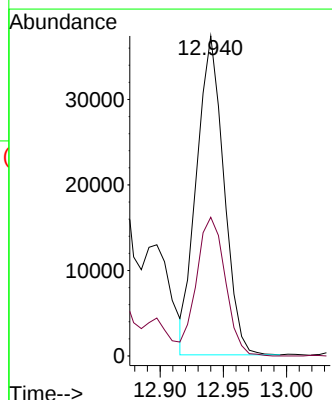
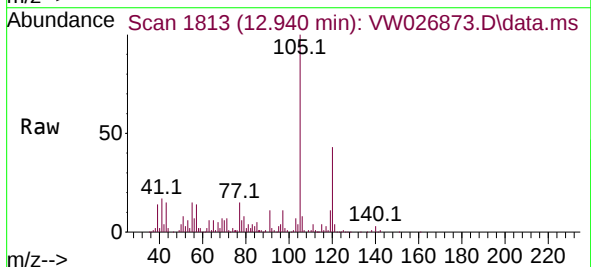
RT: 12.940 min Scan# 1813

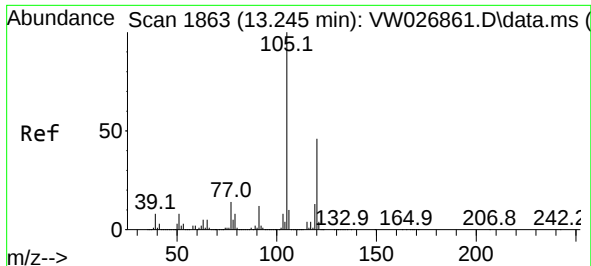
Delta R.T. 0.000 min

Lab File: VW026873.D

Acq: 25 Aug 2023 00:05

Tgt Ion:105	Resp:	55789
Ion Ratio	Lower	Upper
105	100	
120	45.9	37.4 56.2

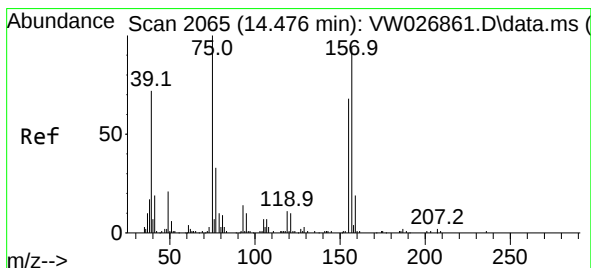
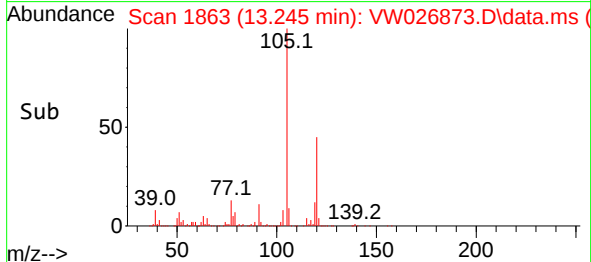
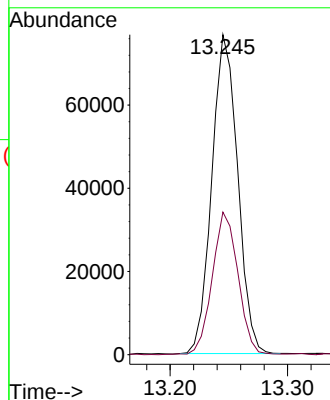
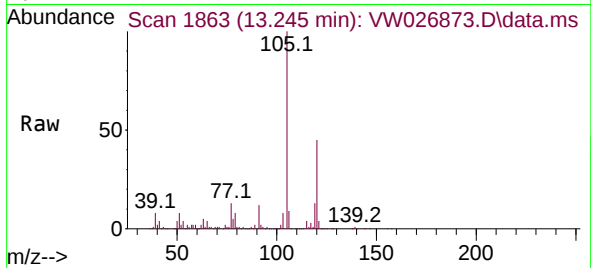




#63
1,2,4-Trimethylbenzene
Concen: 6.861 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026873.D
Acq: 25 Aug 2023 00:05

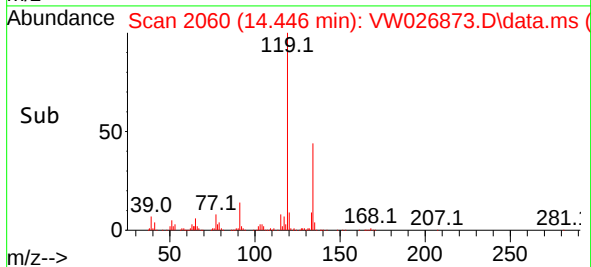
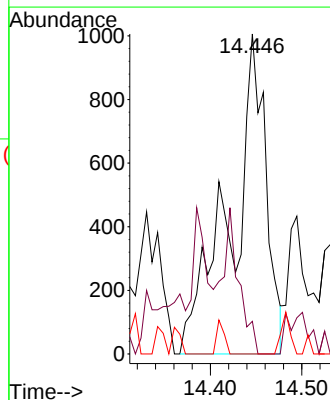
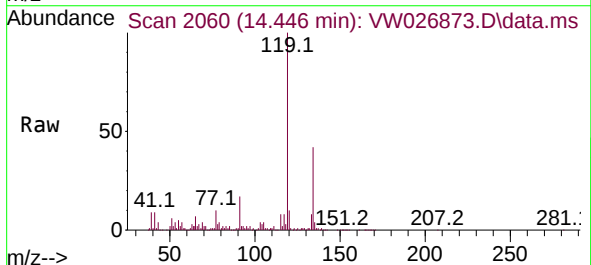
Instrument :
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ClientSampleId :

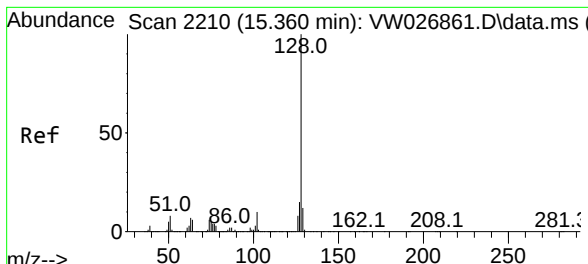
Tgt Ion:105 Resp: 117255
Ion Ratio Lower Upper
105 100
120 44.3 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 3.065 ug/L
RT: 14.446 min Scan# 2060
Delta R.T. -0.030 min
Lab File: VW026873.D
Acq: 25 Aug 2023 00:05

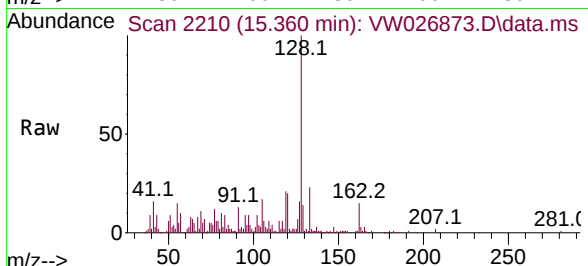
Tgt Ion: 75 Resp: 2660
Ion Ratio Lower Upper
75 100
155 10.2 55.0 82.6#
157 0.0 77.8 116.6#





#71
 Naphthalene
 Concen: 4.555 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026873.D
 Acq: 25 Aug 2023 00:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	47751
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.9	9.0	13.4

