

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026844.D
 Acq On : 24 Aug 2023 02:58
 Operator : SY/MD
 Sample : 04113-06
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 04:50:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	527136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	454820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81030	9.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	37.400%
7) Chloroethane-d5	2.893	69	78858	12.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.960%
11) 1,1-Dichloroethene-d2	4.033	65	50919	11.947	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.800%
21) 2-Butanone-d5	7.075	46	113450	45.551	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.100%
24) Chloroform-d	7.648	84	321862	18.192	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.760%
26) 1,2-Dichloroethane-d4	8.307	65	189396	19.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	8.270	84	600835	19.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.680%
36) 1,2-Dichloropropane-d6	9.270	67	199412	20.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.680%
41) Toluene-d8	10.319	98	490055	18.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.840%
43) trans-1,3-Dichloroprop...	10.575	79	56230	13.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.800%
47) 2-Hexanone-d5	10.922	63	56839	55.401	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	182949	23.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	130428	21.007	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.040%
Target Compounds	Qvalue					
13) Acetone	4.125	43	105735	42.696	ug/L	96
14) Carbon disulfide	4.393	76	90451	3.227	ug/L	97
22) 2-Butanone	7.179	43	25914	7.101	ug/L	95
29) Cyclohexane	7.929	56	17070	1.214	ug/L #	37
35) Methylcyclohexane	9.337	83	21297	1.476	ug/L	91
42) Toluene	10.386	91	25984	0.776	ug/L	92
45) 1,1,2-Trichloroethane	10.758	97	7235	1.166	ug/L #	24
48) 2-Hexanone	10.928	43	27301	6.799	ug/L #	34
52) Ethylbenzene	11.727	91	30479	0.811	ug/L	94
53) m,p-Xylene	11.831	106	27024	1.941	ug/L	80
54) o-Xylene	12.160	106	15629	1.203	ug/L	95
60) Isopropylbenzene	12.867	105	16006	0.621	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	22662	1.112	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	55895	2.798	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.202	75	2171	2.140	ug/L #	7
71) Naphthalene	15.360	128	73104	5.965	ug/L #	95

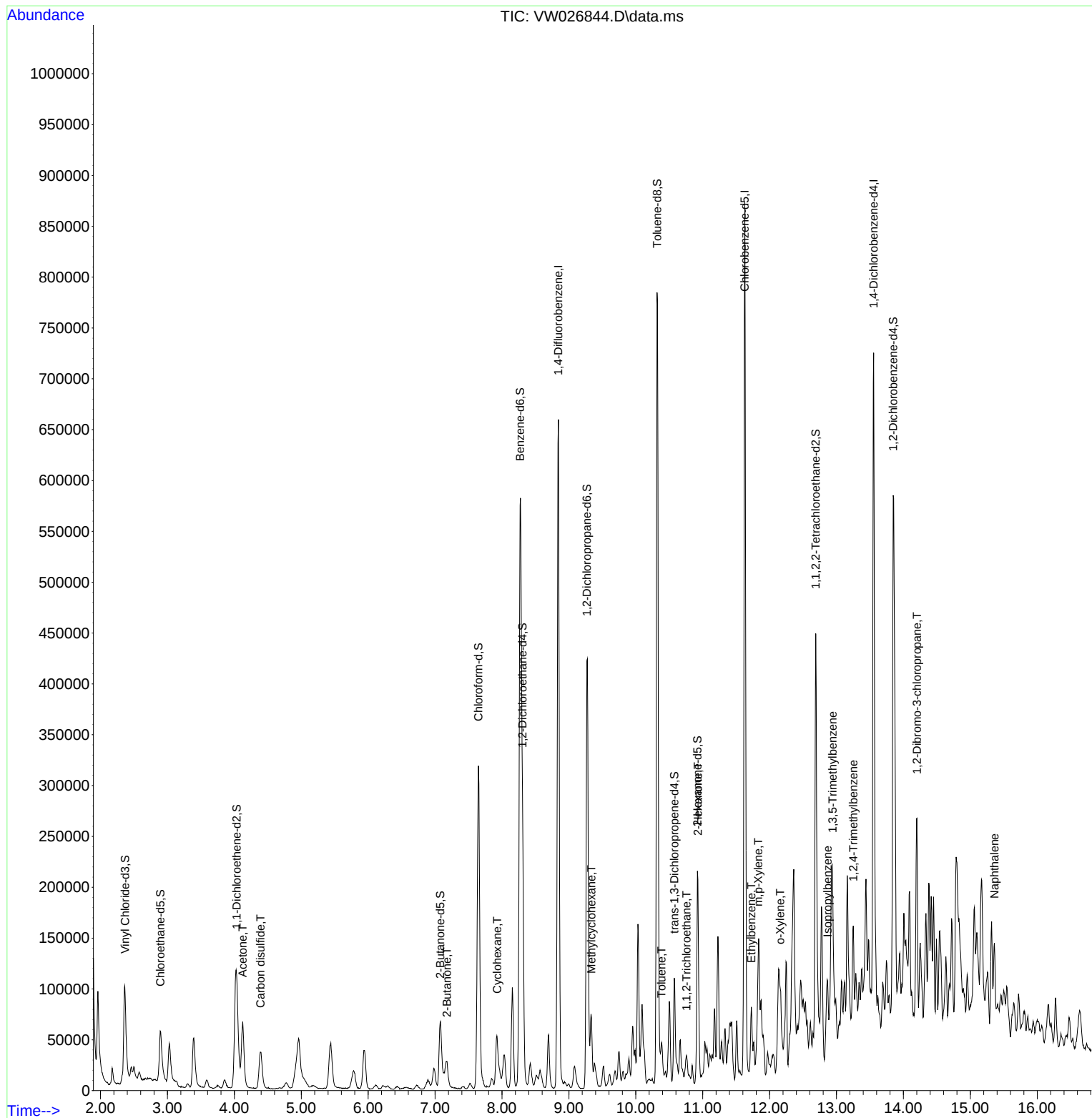
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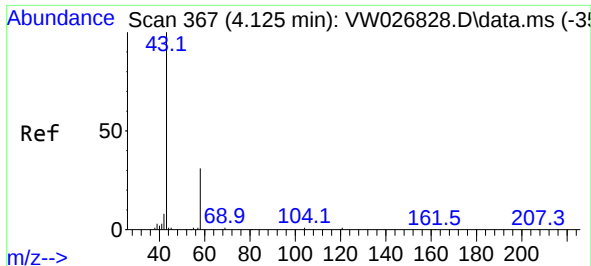
Instrument :
MSVOA_W
ClientSampleId :

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Quant Time: Aug 24 04:50:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

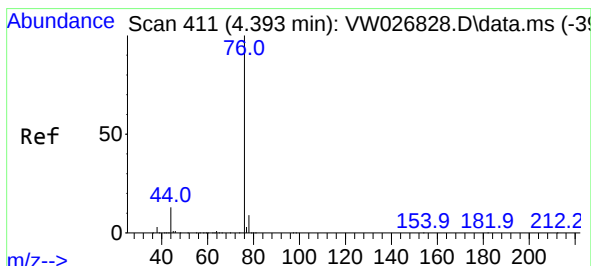
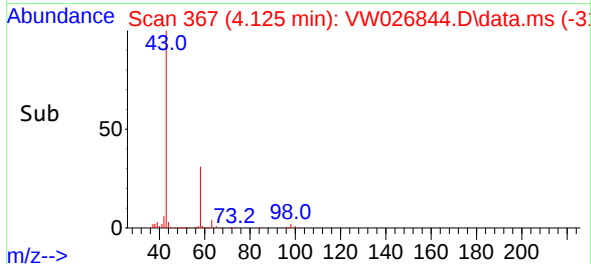
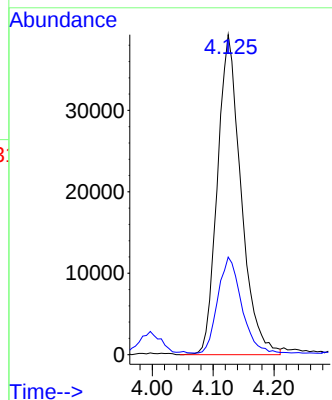
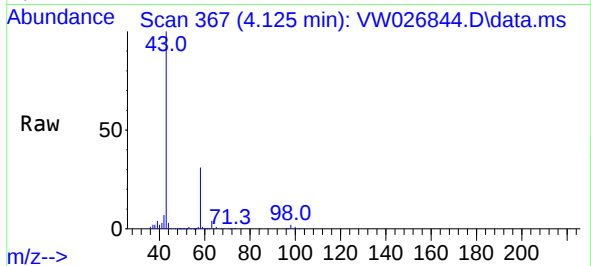




#13
Acetone
Concen: 42.696 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

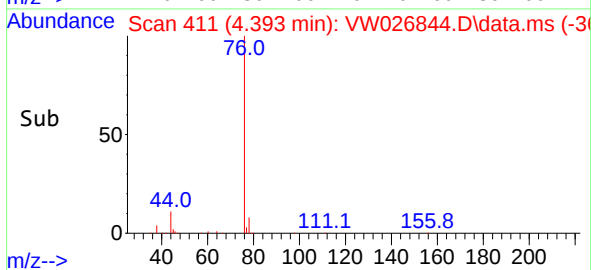
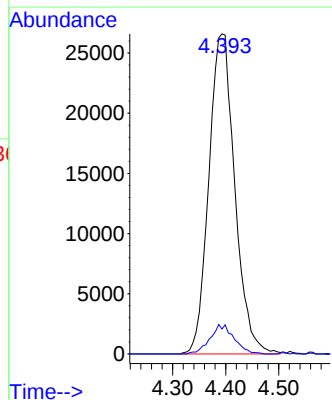
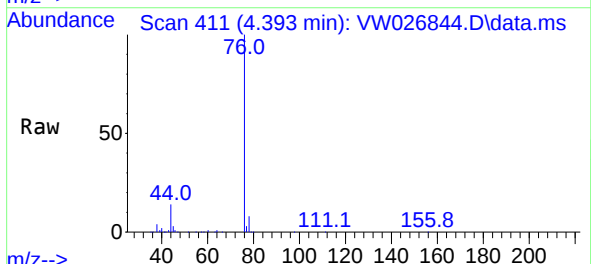
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ClientSampleId :

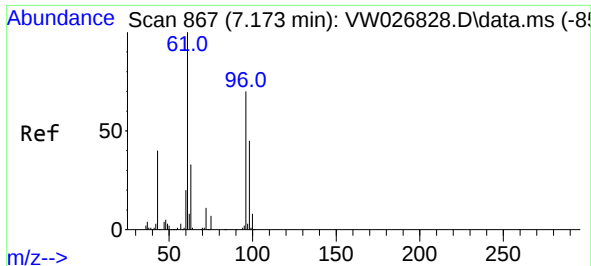
Tgt Ion: 43 Resp: 105735
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.4



#14
Carbon disulfide
Concen: 3.227 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

Tgt Ion: 76 Resp: 90451
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7

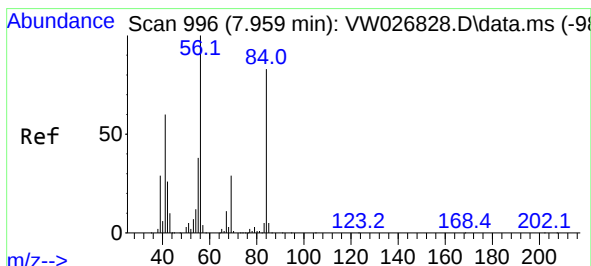
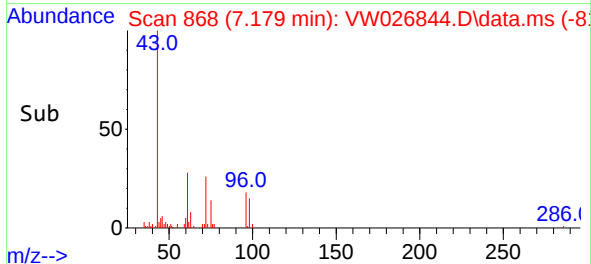
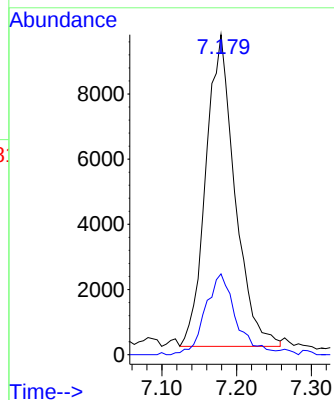
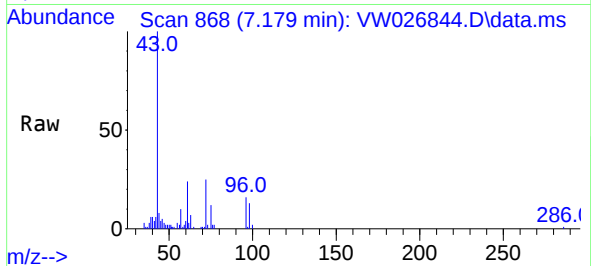




#22
2-Butanone
Concen: 7.101 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

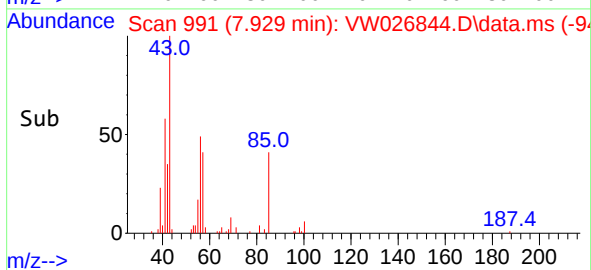
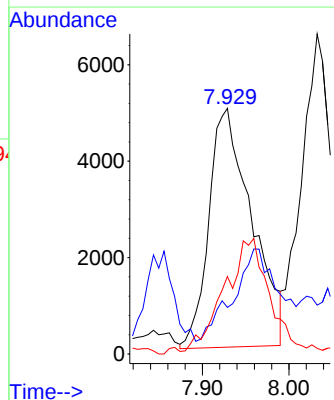
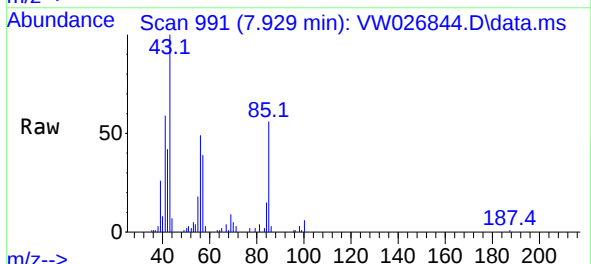
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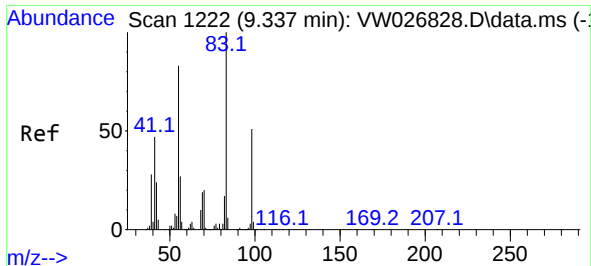
Tgt Ion: 43 Resp: 25914
Ion Ratio Lower Upper
43 100
72 26.2 11.8 35.4



#29
Cyclohexane
Concen: 1.214 ug/L
RT: 7.929 min Scan# 991
Delta R.T. -0.030 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

Tgt Ion: 56 Resp: 17070
Ion Ratio Lower Upper
56 100
69 8.4 23.2 34.8#
84 15.2 62.7 94.1#





#35

Methylcyclohexane

Concen: 1.476 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026844.D

Acq: 24 Aug 2023 02:58

Instrument :

MSVOA_W

ClientSampleId :

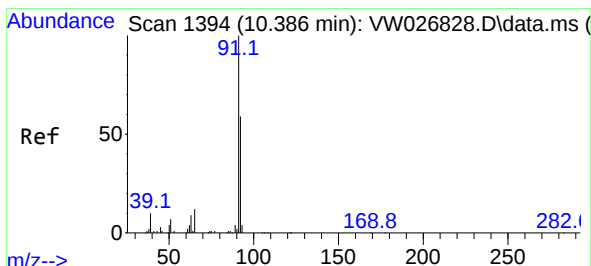
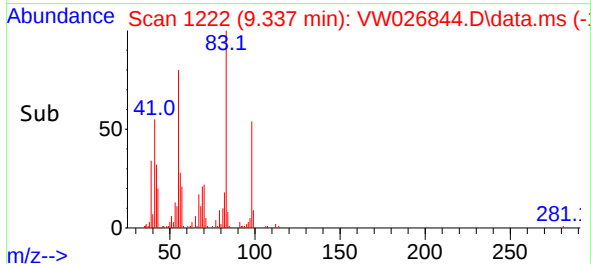
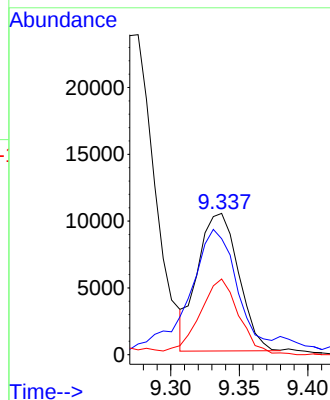
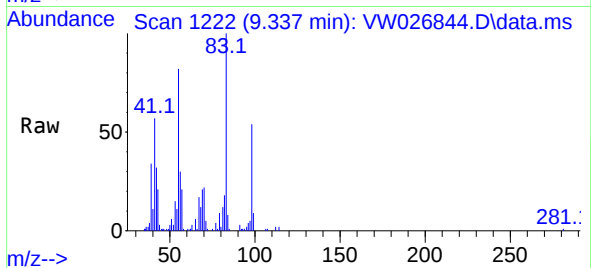
Tgt Ion: 83 Resp: 21297

Ion Ratio Lower Upper

83 100

55 94.9 69.3 103.9

98 52.7 37.4 56.0



#42

Toluene

Concen: 0.776 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026844.D

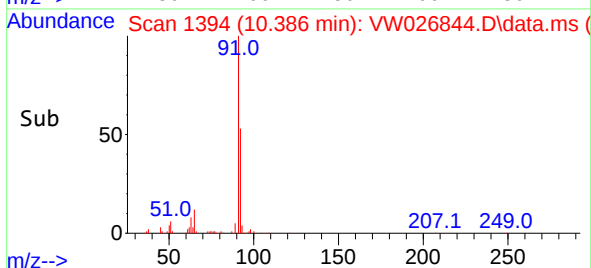
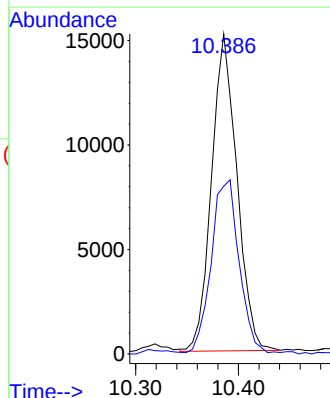
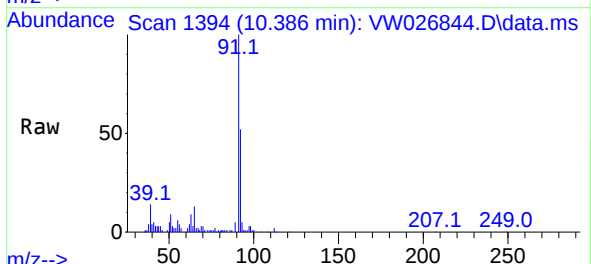
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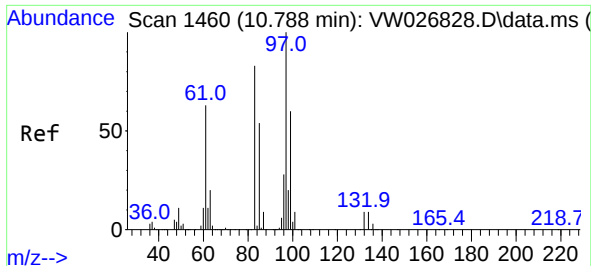
Tgt Ion: 91 Resp: 25984

Ion Ratio Lower Upper

91 100

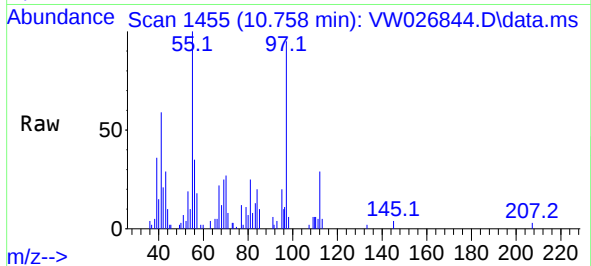
92 52.4 40.8 75.8



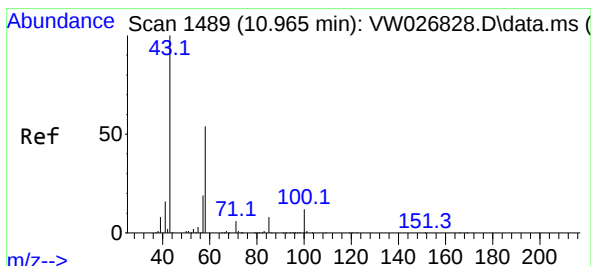
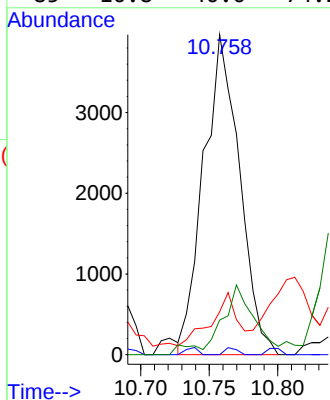
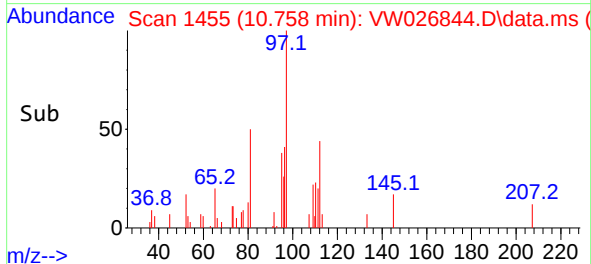


#45
1,1,2-Trichloroethane
Concen: 1.166 ug/L
RT: 10.758 min Scan# 1455
Delta R.T. -0.030 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

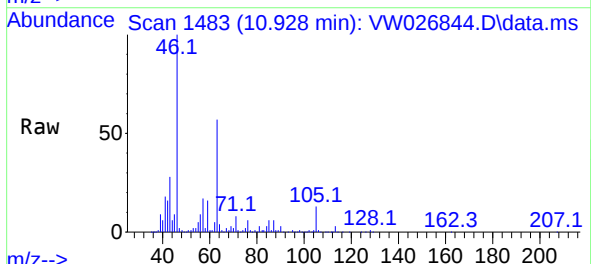
Instrument :
MSVOA_W
ClientSampleId :



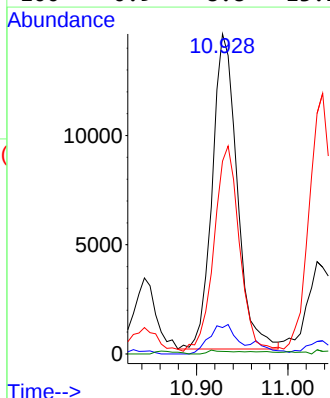
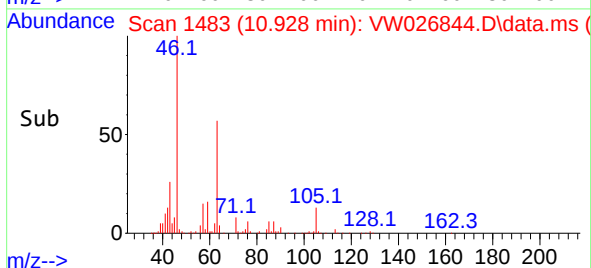
Tgt Ion: 97 Resp: 7235
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.0#
83 13.4 61.9 114.9#
85 10.8 40.0 74.2#

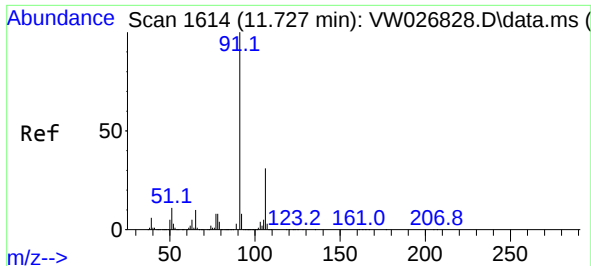


#48
2-Hexanone
Concen: 6.799 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58



Tgt Ion: 43 Resp: 27301
Ion Ratio Lower Upper
43 100
58 10.0 41.1 61.7#
57 66.8 14.3 21.5#
100 0.9 8.8 13.2#

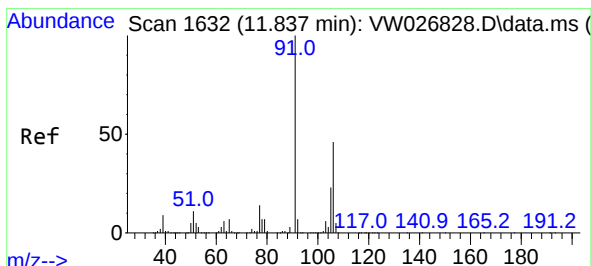
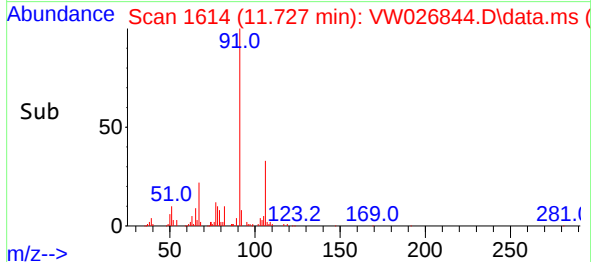
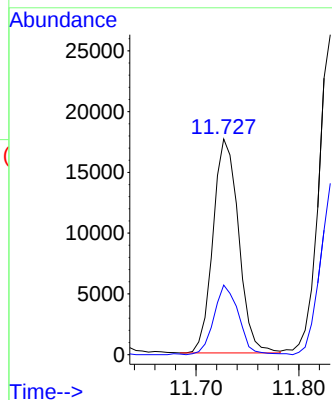
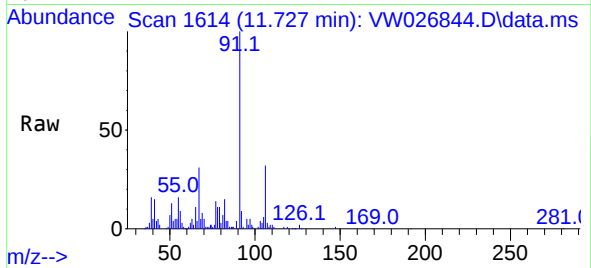




#52
Ethylbenzene
Concen: 0.811 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

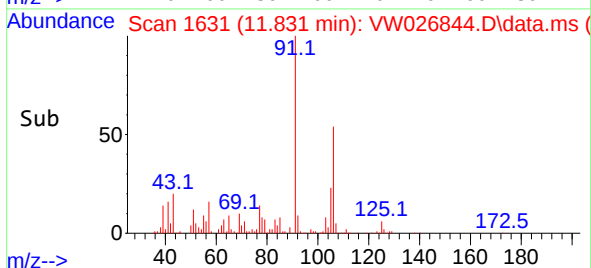
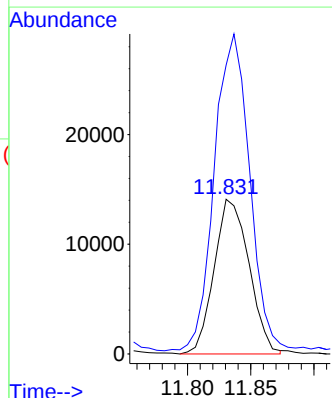
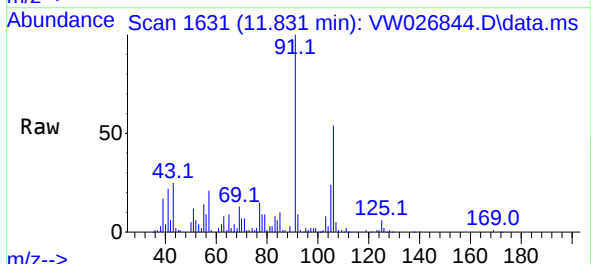
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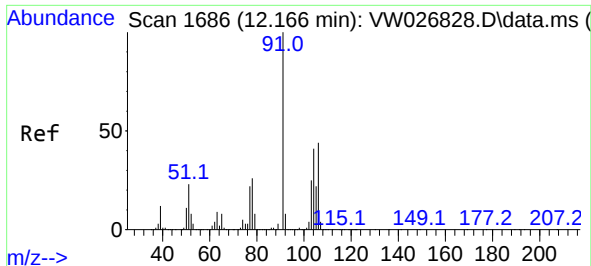
Tgt Ion: 91 Resp: 30479
Ion Ratio Lower Upper
91 100
106 32.3 20.2 37.6



#53
m,p-Xylene
Concen: 1.941 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

Tgt Ion: 106 Resp: 27024
Ion Ratio Lower Upper
106 100
91 186.7 152.9 284.1

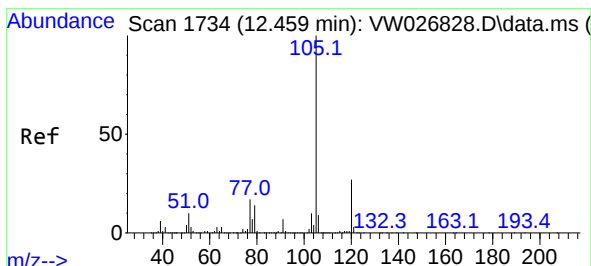
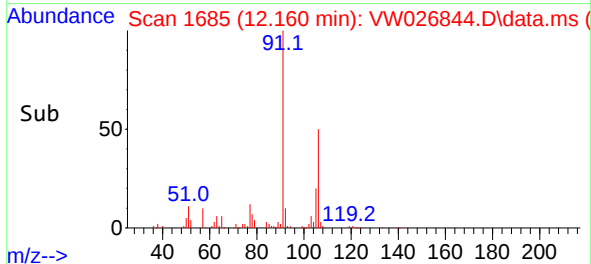
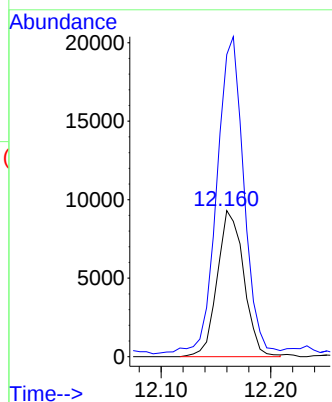
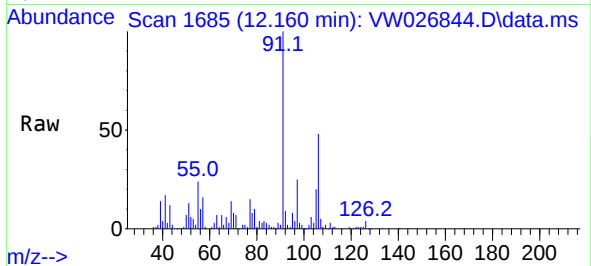




#54
o-Xylene
Concen: 1.203 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

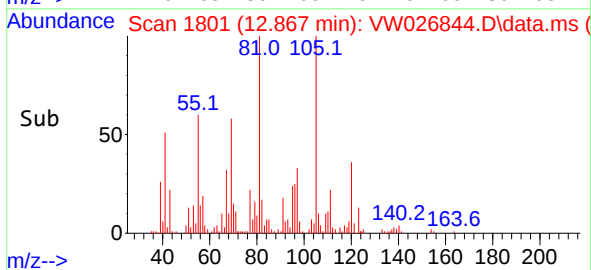
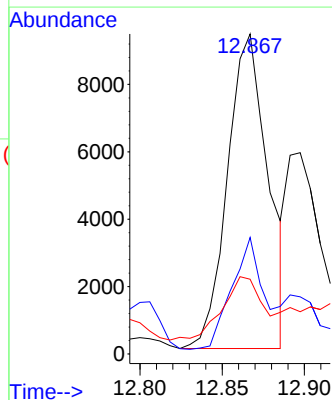
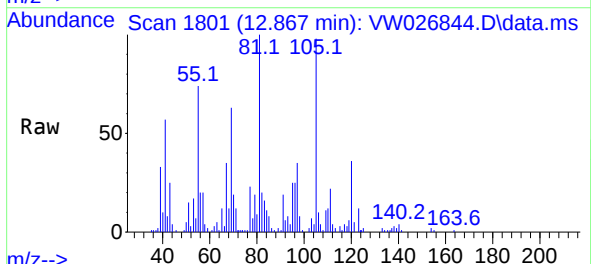
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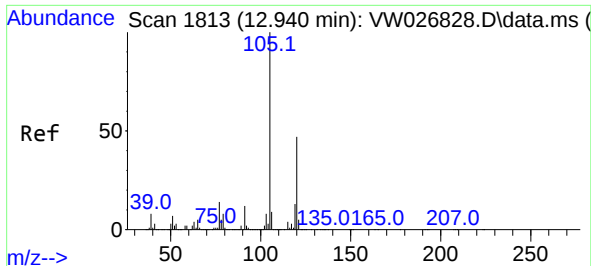
Tgt Ion:106 Resp: 15629
Ion Ratio Lower Upper
106 100
91 206.8 149.9 278.3



#60
Isopropylbenzene
Concen: 0.621 ug/L
RT: 12.867 min Scan# 1801
Delta R.T. 0.408 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

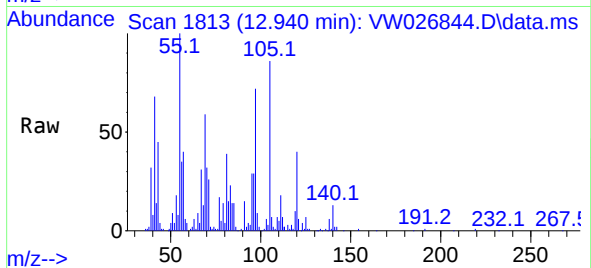
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Ion Ratio Lower Upper
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120 28.7 21.0 31.6
77 18.2 13.4 20.2



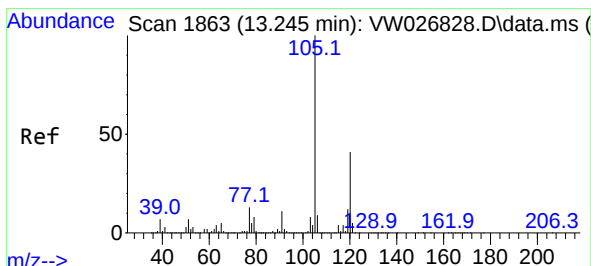
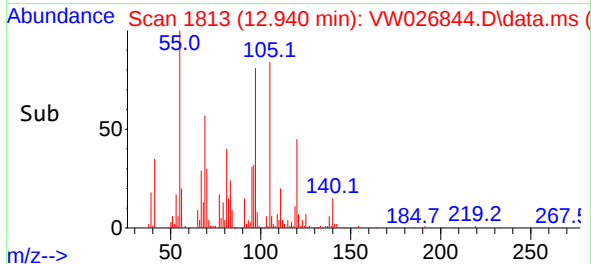
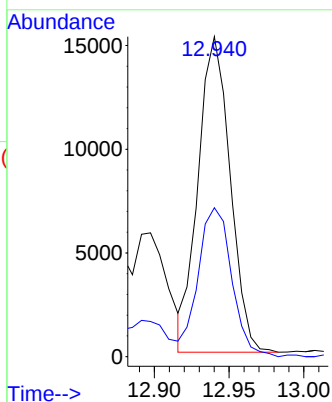


#62
1,3,5-Trimethylbenzene
Concen: 1.112 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

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ClientSampleId :

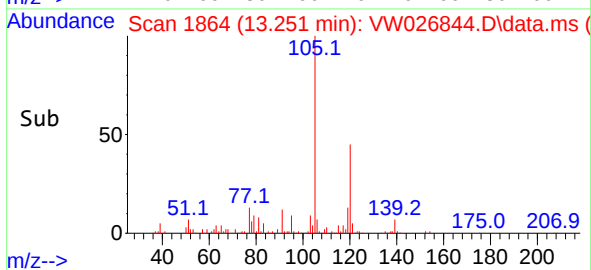
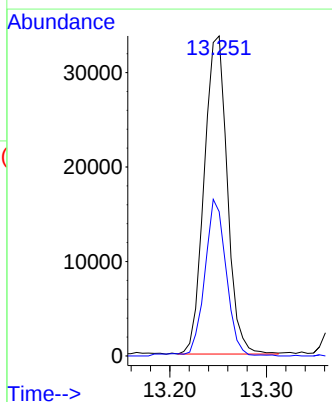
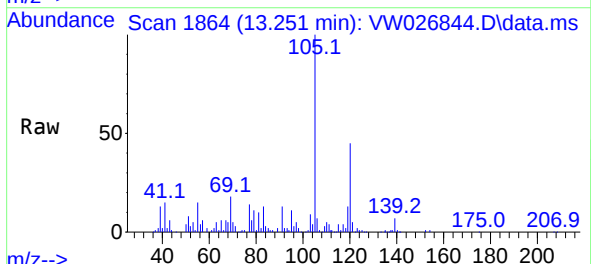


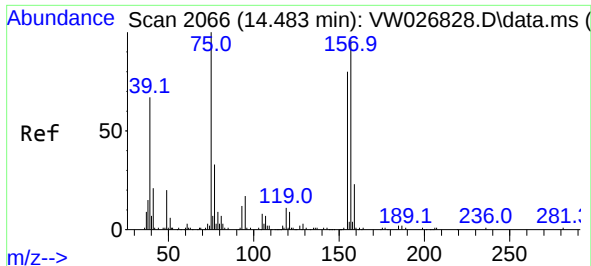
Tgt Ion:105 Resp: 22662
Ion Ratio Lower Upper
105 100
120 49.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 2.798 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026844.D
Acq: 24 Aug 2023 02:58

Tgt Ion:105 Resp: 55895
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.140 ug/L

RT: 14.202 min Scan# 2066

Delta R.T. -0.274 min

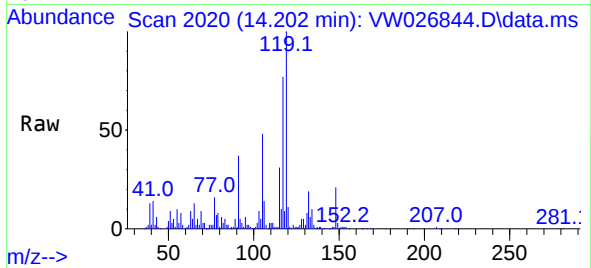
Lab File: VW026844.D

Acq: 24 Aug 2023 02:58

Instrument :

MSVOA_W

ClientSampleId :



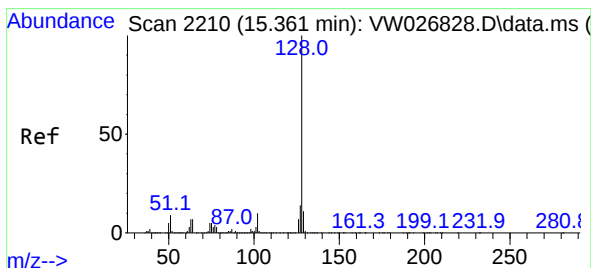
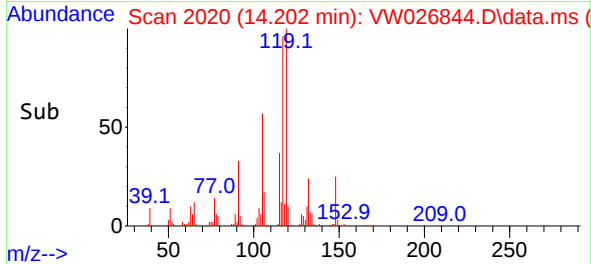
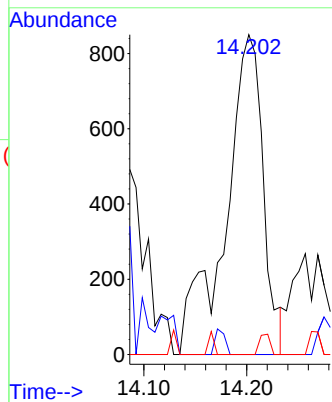
Tgt Ion: 75 Resp: 2171

Ion Ratio Lower Upper

75 100

155 0.0 55.0 82.6#

157 0.0 77.8 116.6#



#71

Naphthalene

Concen: 5.965 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026844.D

Acq: 24 Aug 2023 02:58

Tgt Ion: 128 Resp: 73104

Ion Ratio Lower Upper

128 100

127 11.6 10.7 16.1

129 8.8 9.0 13.4#

