

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022026.D
 Acq On : 02 Feb 2022 13:03
 Operator : SY/VA
 Sample : N1353-08RE
 Misc : 3.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVF1

Quant Time: Feb 03 00:42:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136327	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	124197	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57799	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41164	25.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%
7) Chloroethane-d5	2.879	69	28326	22.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.013	63	47028	16.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.840%
21) 2-Butanone-d5	7.086	46	14658	50.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
24) Chloroform-d	7.647	84	68286	21.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.120%
26) 1,2-Dichloroethane-d4	8.305	65	37943	24.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.275	84	137355	21.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	9.274	67	38119	22.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.320%
41) Toluene-d8	10.323	98	133996	21.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.579	79	15894	21.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.920	63	13506	54.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31643	22.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	45110	21.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.520%
Target Compounds						Qvalue
13) Acetone	4.141	43	59849	220.018	ug/L	99
22) 2-Butanone	7.177	43	7526	21.369	ug/L	90
34) Trichloroethene	8.842	95	4021	2.172	ug/L #	1
39) cis-1,3-Dichloropropene	10.036	75	1493	0.651	ug/L #	75
40) 4-Methyl-2-pentanone	10.207	43	41693	59.417	ug/L	100
42) Toluene	10.384	91	61778	8.370	ug/L	98
45) 1,1,2-Trichloroethane	10.756	97	4743	3.902	ug/L #	21
52) Ethylbenzene	11.731	91	262218	32.197	ug/L	96
53) m,p-Xylene	11.835	106	582995	172.535	ug/L	99
54) o-Xylene	12.164	106	303029	95.869	ug/L	89
55) Styrene	12.164	104	15632	3.062	ug/L #	1
60) Isopropylbenzene	12.463	105	19497	2.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	85420	17.056	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	192182	31.496	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.444	75	1062	6.199	ug/L #	1
71) Naphthalene	15.359	128	38176	11.325	ug/L	100

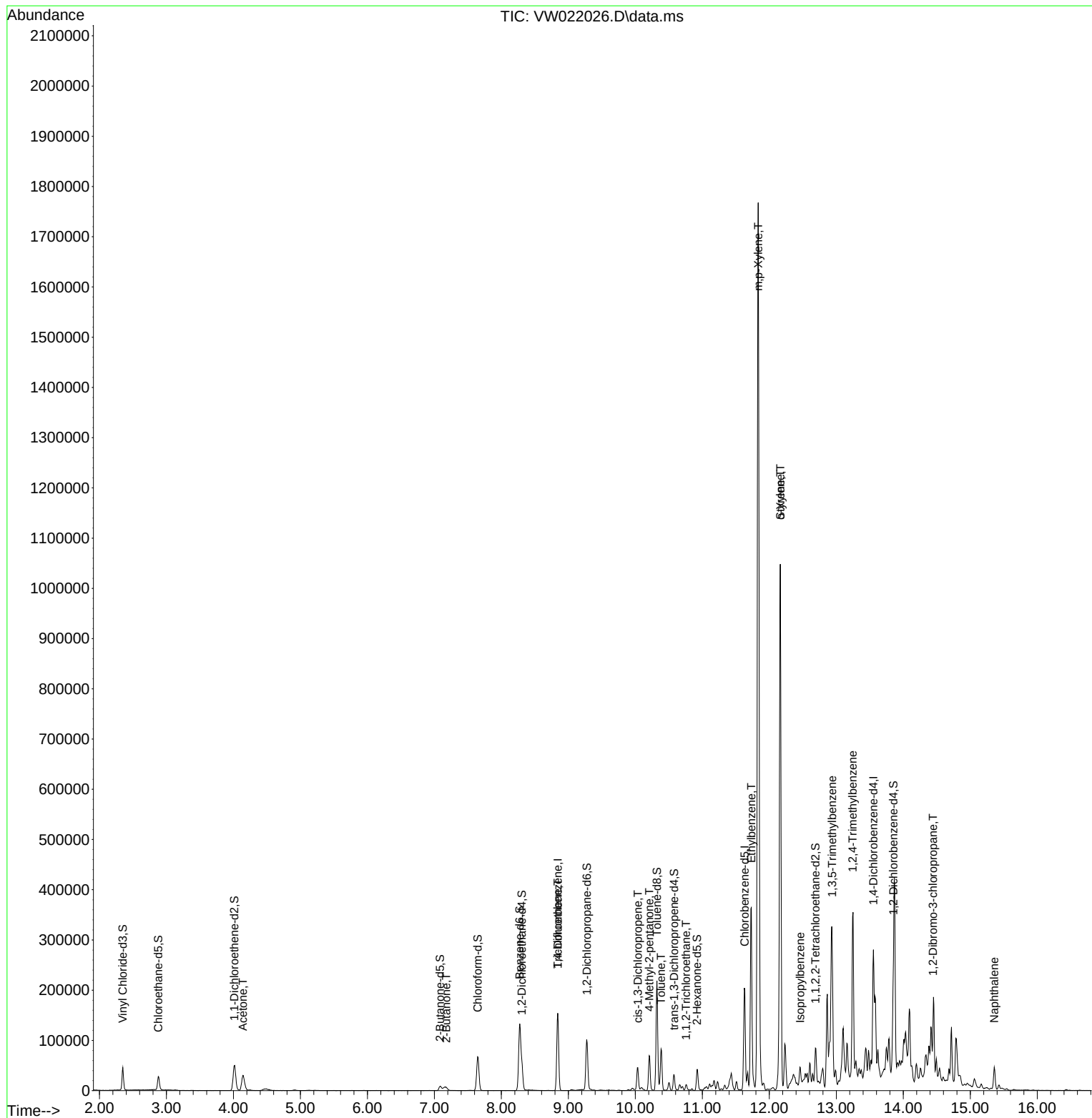
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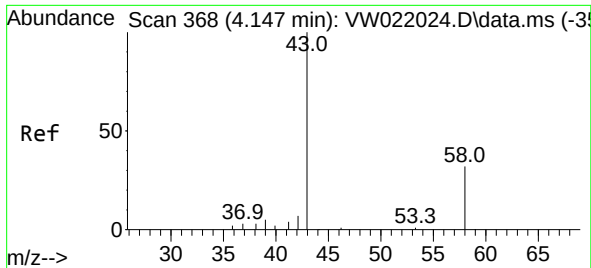
Instrument :
MSVOA_W
ClientSampleId :
C0VF1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 03 00:41:48 2022
Response via : Initial Calibration





#13

Acetone

Concen: 220.018 ug/L

RT: 4.141 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022026.D

Acq: 02 Feb 2022 13:03

Instrument :

MSVOA_W

ClientSampleId :

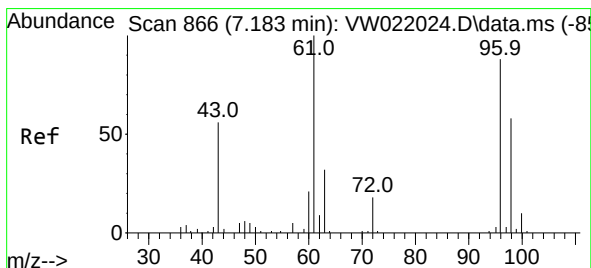
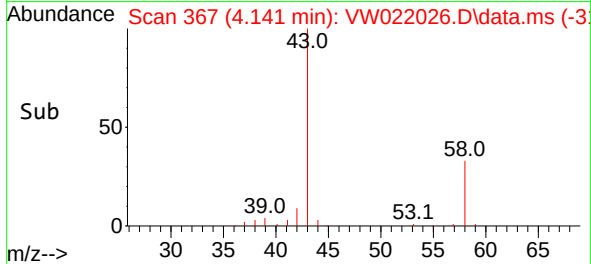
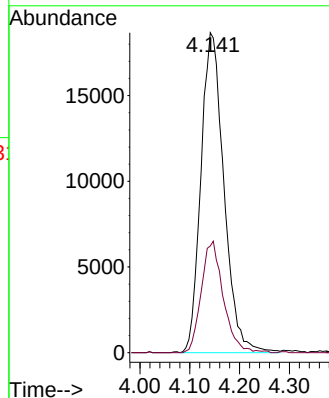
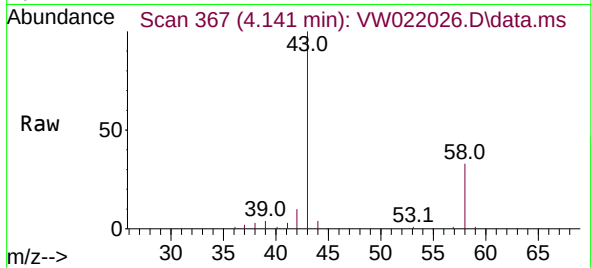
C0VF1

Tgt Ion: 43 Resp: 59849

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#22

2-Butanone

Concen: 21.369 ug/L

RT: 7.177 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW022026.D

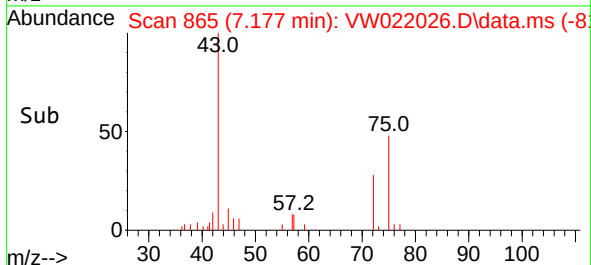
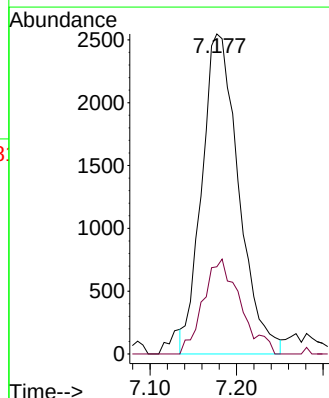
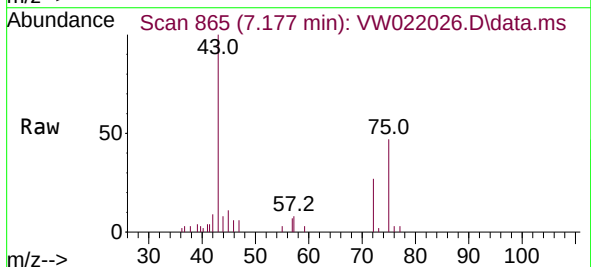
Acq: 02 Feb 2022 13:03

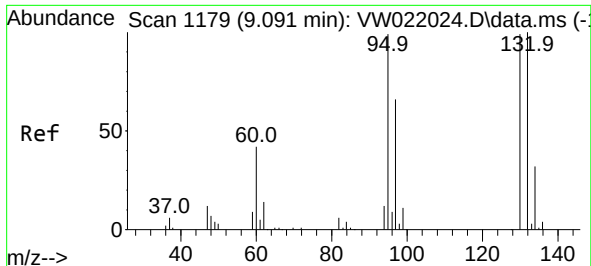
Tgt Ion: 43 Resp: 7526

Ion Ratio Lower Upper

43 100

72 28.1 16.8 50.4





#34

Trichloroethene

Concen: 2.172 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW022026.D

Acq: 02 Feb 2022 13:03

Instrument :

MSVOA_W

ClientSampleId :

COVF1

Tgt Ion: 95 Resp: 4021

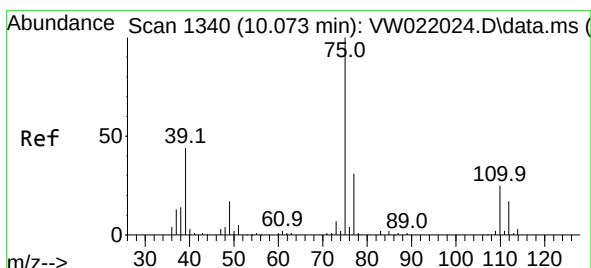
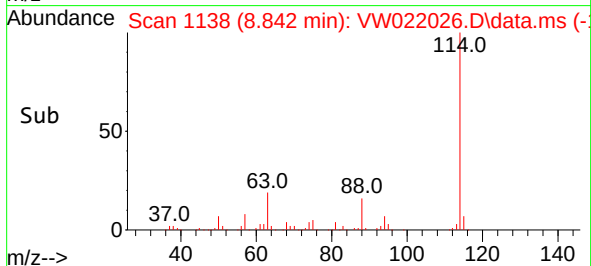
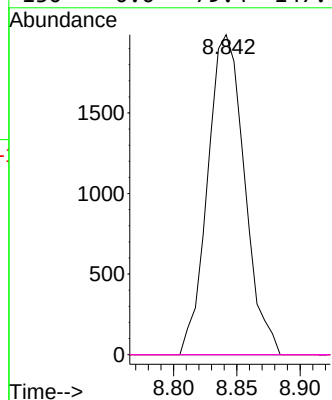
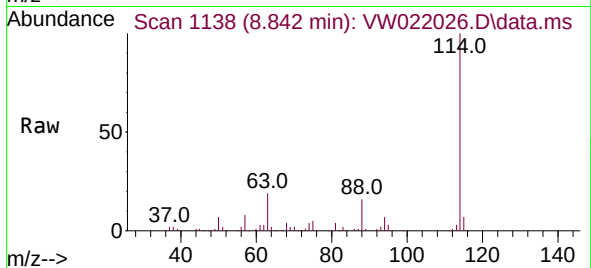
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 76.1 141.3#

130 0.0 79.4 147.4#



#39

cis-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW022026.D

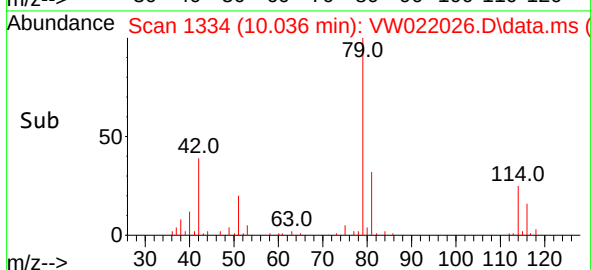
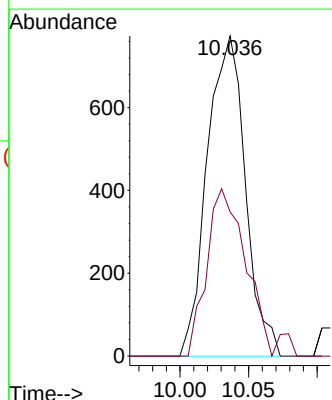
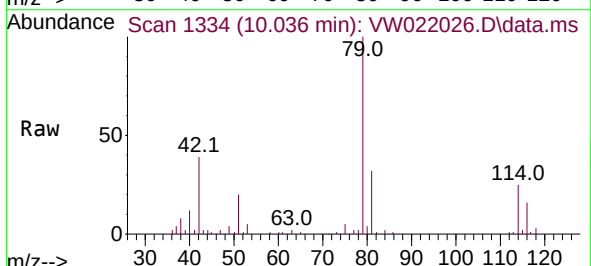
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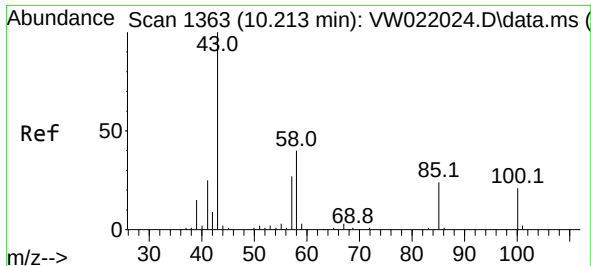
Tgt Ion: 75 Resp: 1493

Ion Ratio Lower Upper

75 100

77 45.0 21.9 40.7#

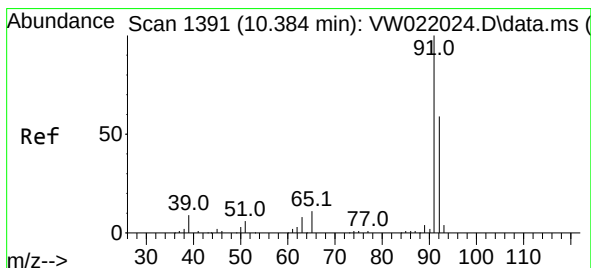
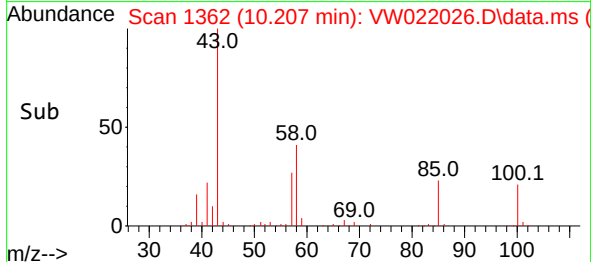
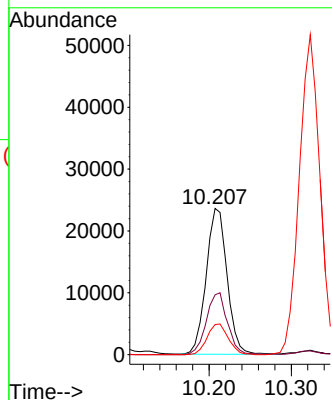
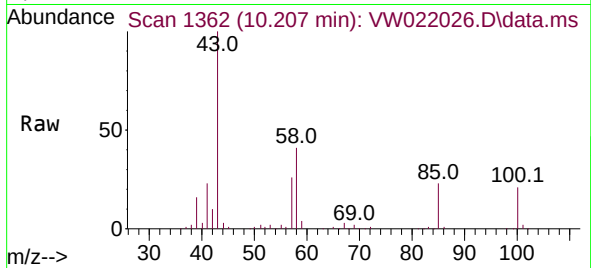




#40
4-Methyl-2-pentanone
Concen: 59.417 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

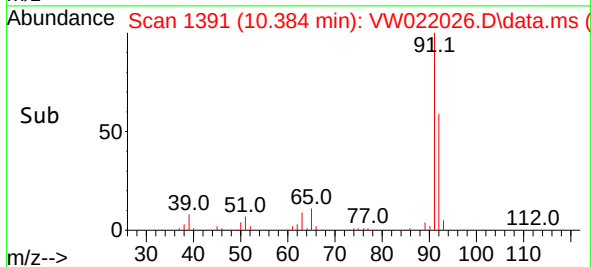
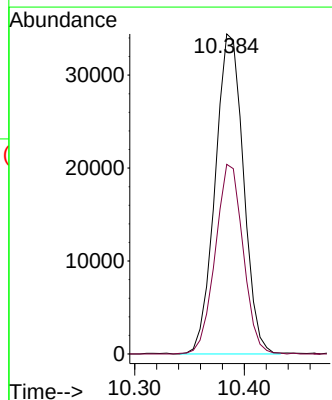
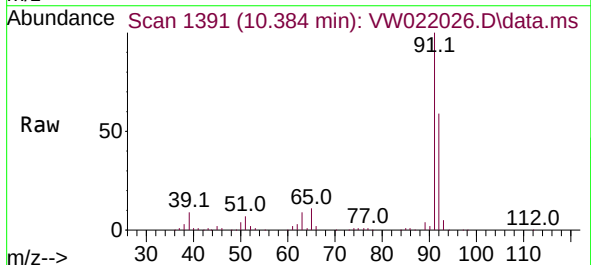
Instrument :
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C0VF1

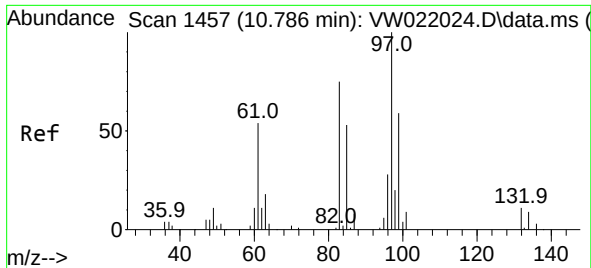
Tgt Ion: 43 Resp: 41693
Ion Ratio Lower Upper
43 100
58 42.8 34.4 51.6
100 21.3 17.0 25.4



#42
Toluene
Concen: 8.370 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion: 91 Resp: 61778
Ion Ratio Lower Upper
91 100
92 59.2 42.6 79.2

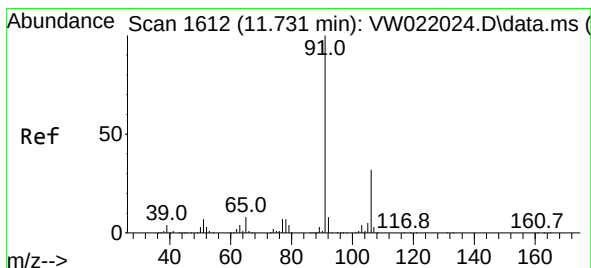
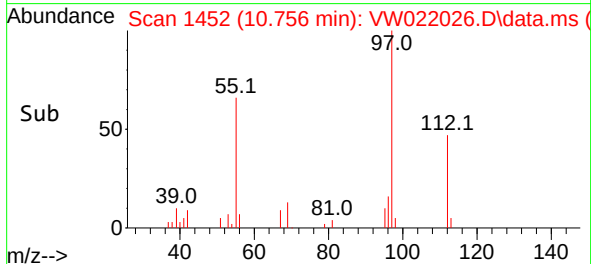
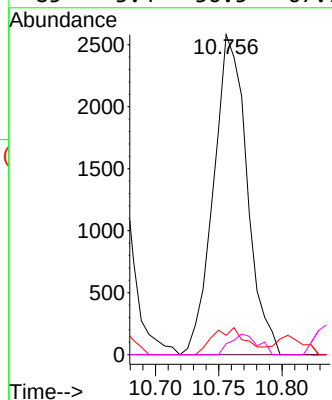
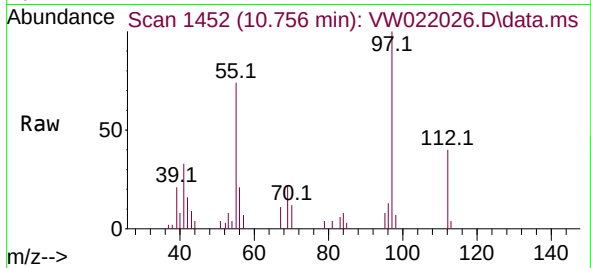




#45
1,1,2-Trichloroethane
Concen: 3.902 ug/L
RT: 10.756 min Scan# 1457
Delta R.T. -0.030 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

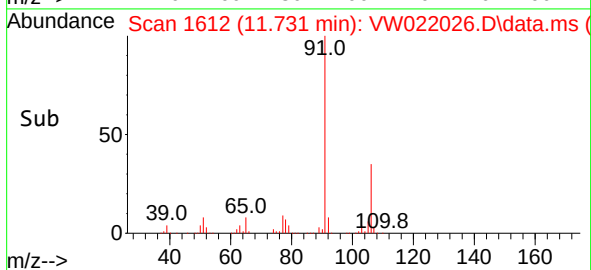
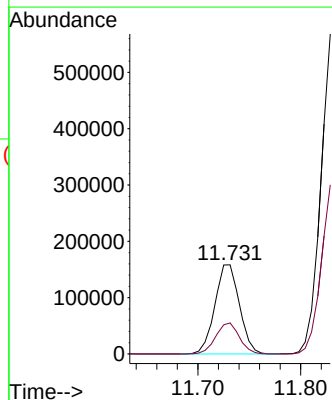
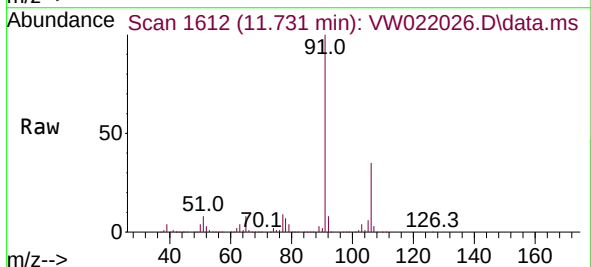
Instrument :
MSVOA_W
ClientSampleId :
C0VF1

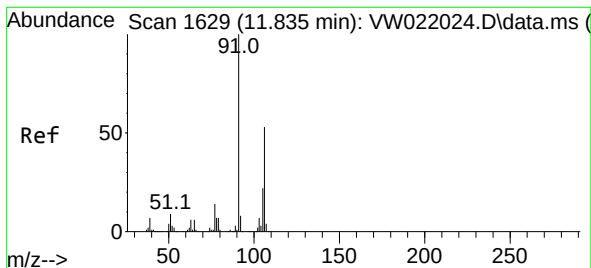
Tgt Ion: 97	Resp: 4743
Ion Ratio	Lower Upper
97 100	
99 0.0	43.8 81.4#
83 6.0	56.1 104.3#
85 3.4	36.5 67.7#



#52
Ethylbenzene
Concen: 32.197 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion: 91	Resp: 262218
Ion Ratio	Lower Upper
91 100	
106 34.8	22.8 42.4





#53

m,p-Xylene

Concen: 172.535 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022026.D

Acq: 02 Feb 2022 13:03

Instrument :

MSVOA_W

ClientSampleId :

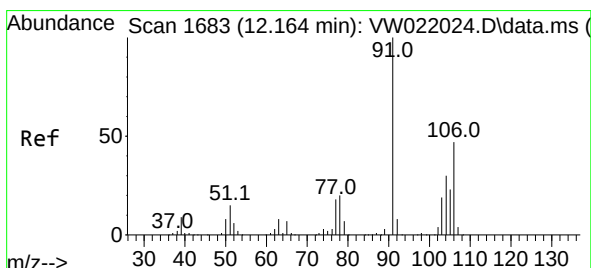
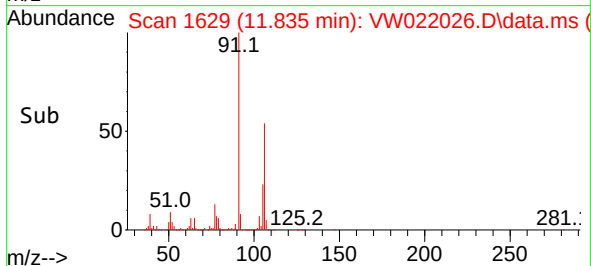
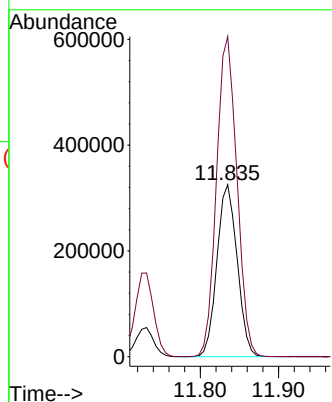
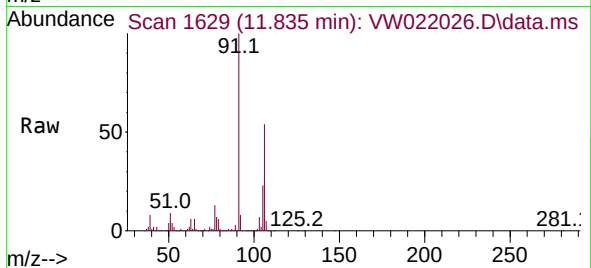
C0VF1

Tgt Ion:106 Resp: 582995

Ion Ratio Lower Upper

106 100

91 186.0 129.6 240.8



#54

o-Xylene

Concen: 95.869 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW022026.D

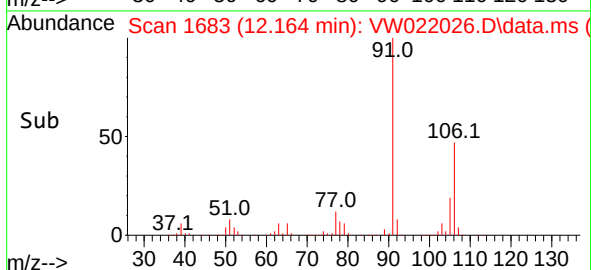
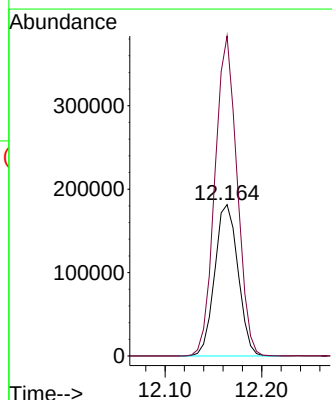
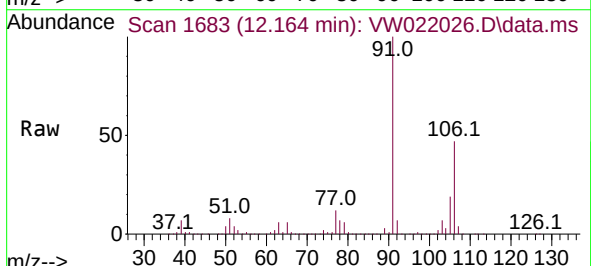
Acq: 02 Feb 2022 13:03

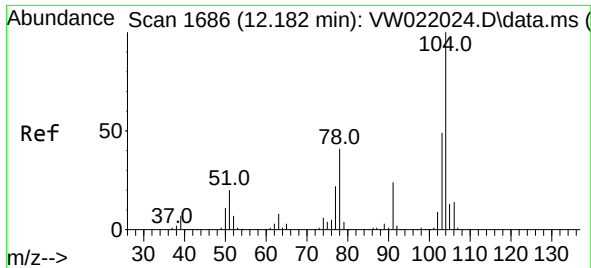
Tgt Ion:106 Resp: 303029

Ion Ratio Lower Upper

106 100

91 211.4 136.4 253.4

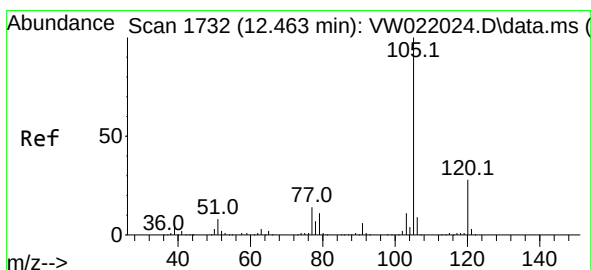
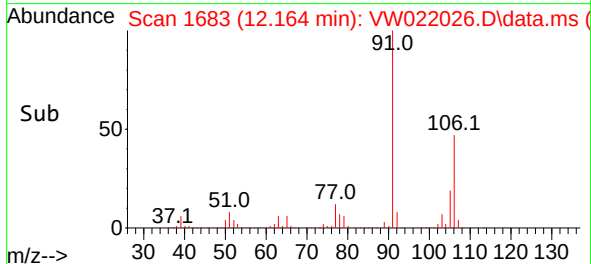
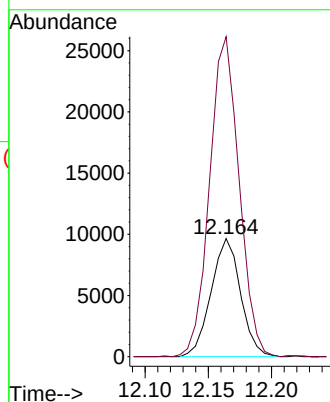
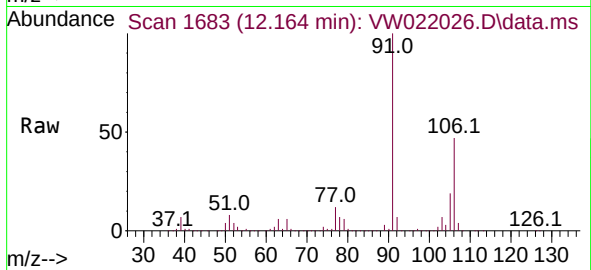




#55
Styrene
Concen: 3.062 ug/L
RT: 12.164 min Scan# 11
Delta R.T. -0.018 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

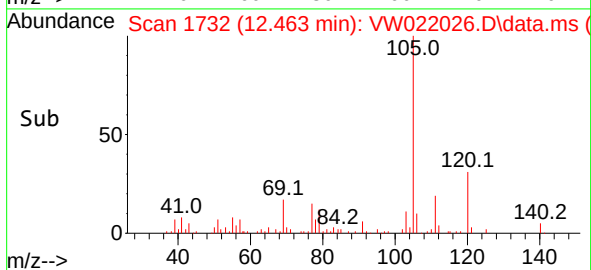
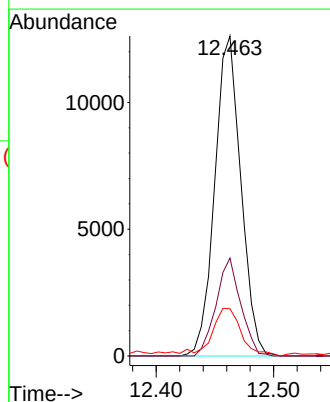
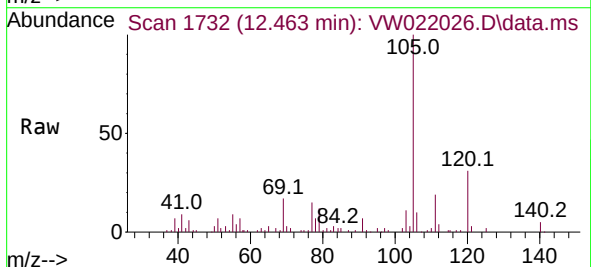
Instrument :
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C0VF1

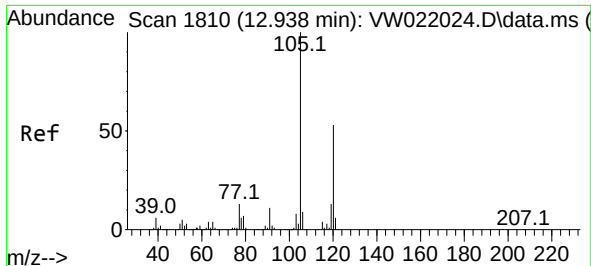
Tgt Ion:104 Resp: 15632
Ion Ratio Lower Upper
104 100
78 270.9 30.9 57.5#



#60
Isopropylbenzene
Concen: 2.582 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022026.D
Acq: 02 Feb 2022 13:03

Tgt Ion:105 Resp: 19497
Ion Ratio Lower Upper
105 100
120 28.8 22.1 33.1
77 15.9 11.8 17.8

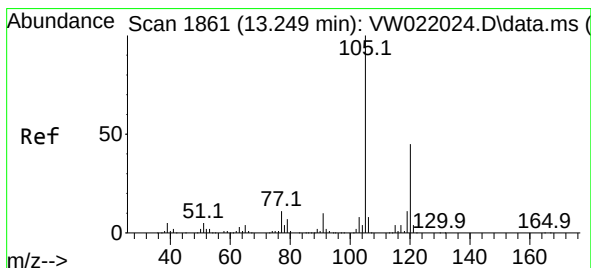
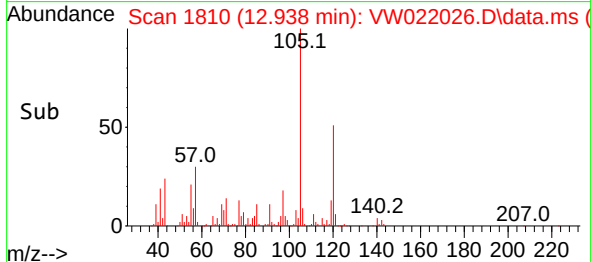
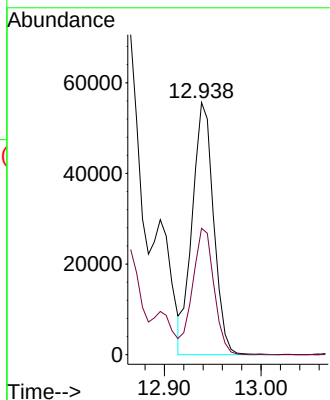
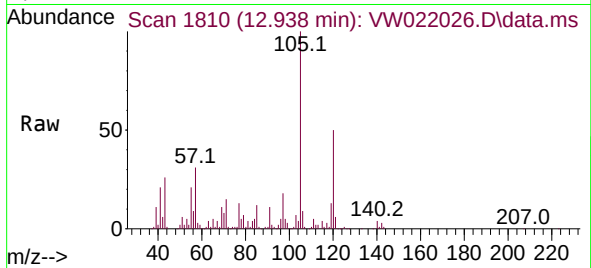




#62
 1,3,5-Trimethylbenzene
 Concen: 17.056 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022026.D
 Acq: 02 Feb 2022 13:03

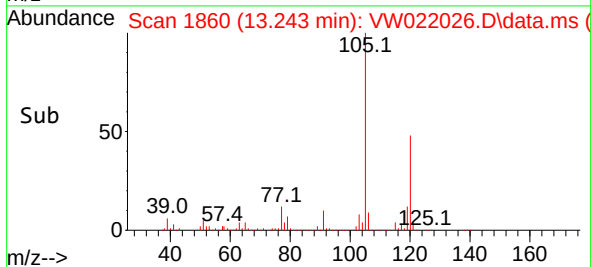
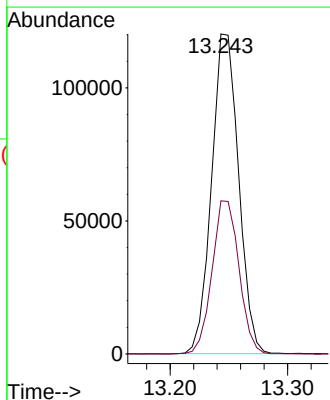
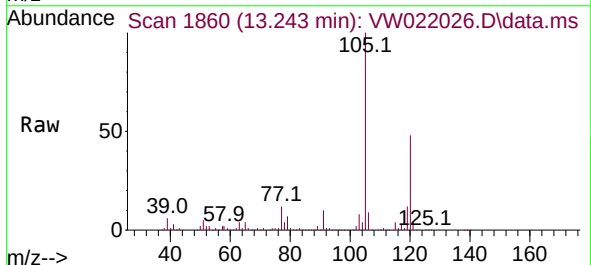
Instrument :
 MSVOA_W
 ClientSampleId :
 C0VF1

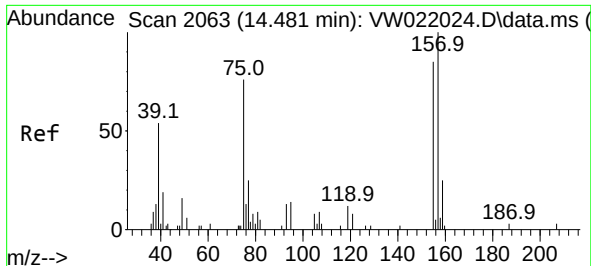
Tgt Ion:105 Resp: 85420
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.9 61.3



#63
 1,2,4-Trimethylbenzene
 Concen: 31.496 ug/L
 RT: 13.243 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: VW022026.D
 Acq: 02 Feb 2022 13:03

Tgt Ion:105 Resp: 192182
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.8 56.8





#68

1,2-Dibromo-3-chloropropane

Concen: 6.199 ug/L

RT: 14.444 min Scan# 2063

Delta R.T. -0.037 min

Lab File: VW022026.D

Acq: 02 Feb 2022 13:03

Instrument :

MSVOA_W

ClientSampleId :

C0VF1

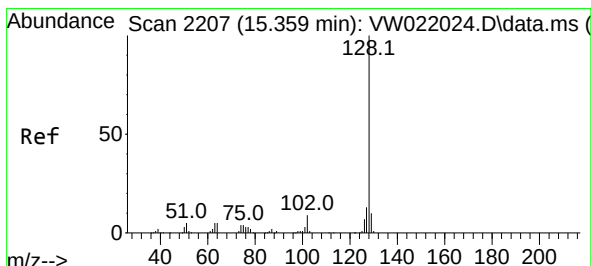
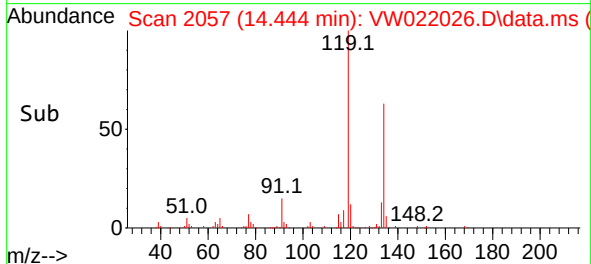
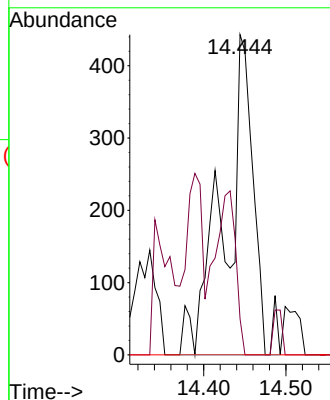
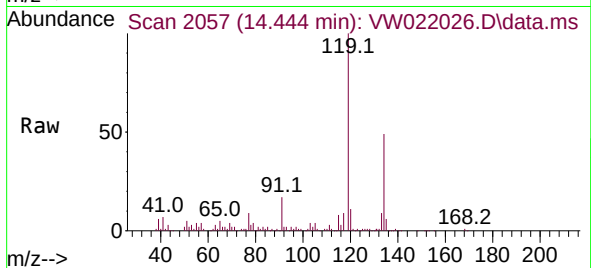
Tgt Ion: 75 Resp: 1062

Ion Ratio Lower Upper

75 100

155 11.3 80.9 121.3#

157 0.0 100.3 150.5#



#71

Naphthalene

Concen: 11.325 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022026.D

Acq: 02 Feb 2022 13:03

Tgt Ion:128 Resp: 38176

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

129 11.0 8.7 13.1

