

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011022\
 Data File : VW021824.D
 Acq On : 10 Jan 2022 17:13
 Operator : SY/VA
 Sample : N1074-02RE
 Misc : 6.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLK1RE

Quant Time: Jan 11 00:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	47402	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	43965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	18413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12792	13.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.760%
7) Chloroethane-d5	2.892	69	10821	17.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.760%
11) 1,1-Dichloroethene-d2	4.019	63	17410	12.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.920%
21) 2-Butanone-d5	7.080	46	5179	37.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.760%
24) Chloroform-d	7.653	84	26724	18.048	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.200%
26) 1,2-Dichloroethane-d4	8.311	65	14403	18.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.680%
32) Benzene-d6	8.281	84	51349	19.670	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.680%
36) 1,2-Dichloropropane-d6	9.275	67	14390	20.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.280%
41) Toluene-d8	10.323	98	47233	18.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.640%
43) trans-1,3-Dichloroprop...	10.579	79	4720	13.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.800%
47) 2-Hexanone-d5	10.927	63	3677	34.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.480%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11115	19.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	13480	19.144	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.560%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	877	1.250	ug/L	# 15
13) Acetone	4.129	43	1810	15.590	ug/L	77
14) Carbon disulfide	4.385	76	24040	11.838	ug/L	99
19) 1,1-Dichloroethane	6.208	63	1103	0.954	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	589	0.765	ug/L	79
34) Trichloroethene	9.092	95	52587	69.056	ug/L	87
35) Methylcyclohexane	9.275	83	3842	3.058	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	1784	3.001	ug/L	# 88
45) 1,1,2-Trichloroethane	10.860	97	4018	8.137	ug/L	# 15
46) Tetrachloroethene	10.860	164	470146	659.272	ug/L	98
53) m,p-Xylene	11.835	106	2915	2.093	ug/L	73
54) o-Xylene	12.164	106	1153	0.873	ug/L	87
61) 1,2,3-Trichloropropane	13.554	75	1818	6.452	ug/L	# 61
63) 1,2,4-Trimethylbenzene	13.249	105	2283	1.059	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	704	0.665	ug/L	# 59
71) Naphthalene	15.365	128	2664	2.304	ug/L	# 75

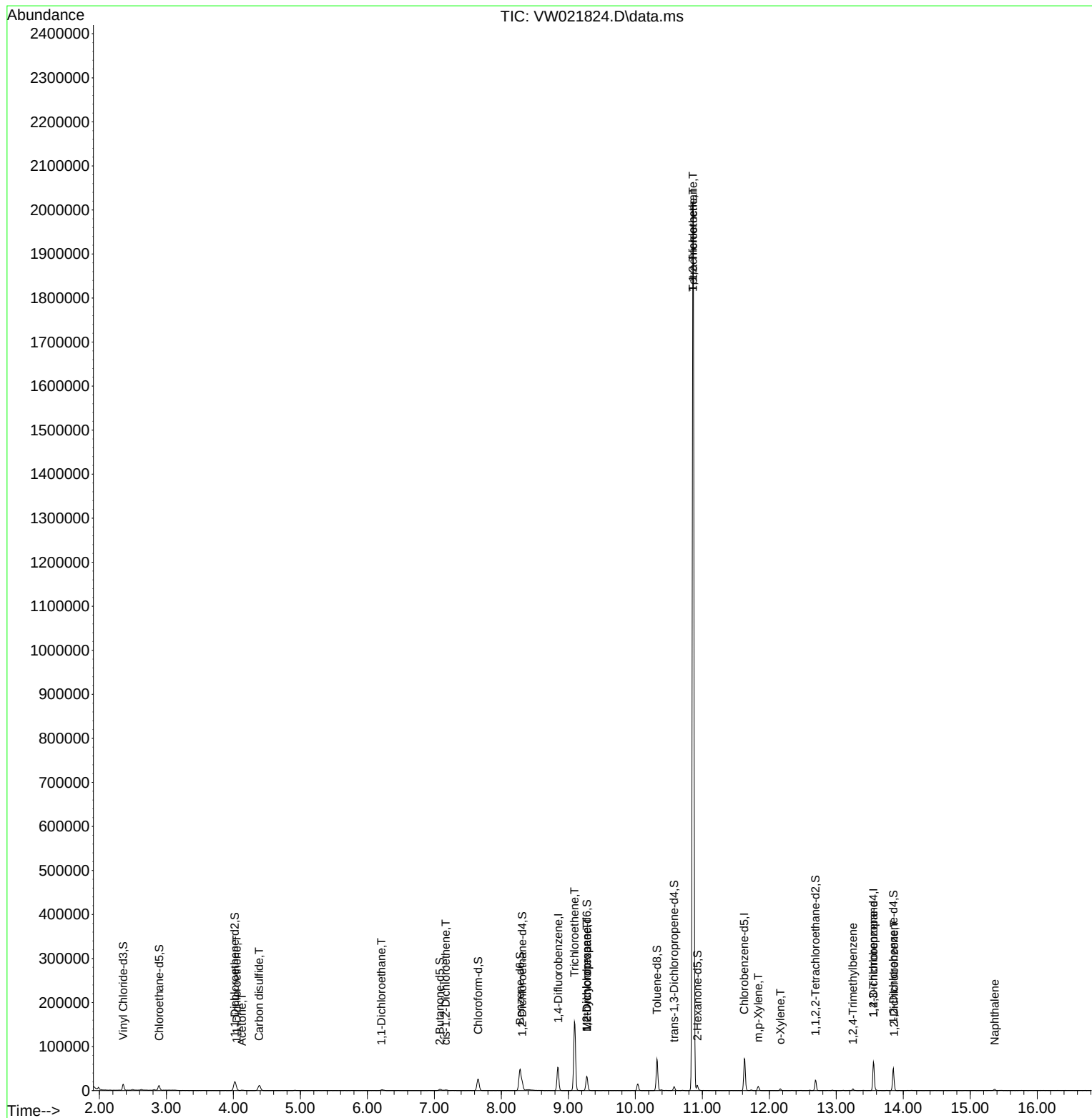
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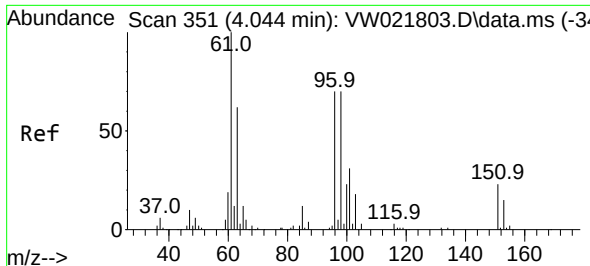
Instrument :
MSVOA_W
ClientSampleId :
BGLK1RE

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 07 22:46:04 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.250 ug/L

RT: 4.050 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW021824.D

Acq: 10 Jan 2022 17:13

Instrument :

MSVOA_W

ClientSampleId :

BGLK1RE

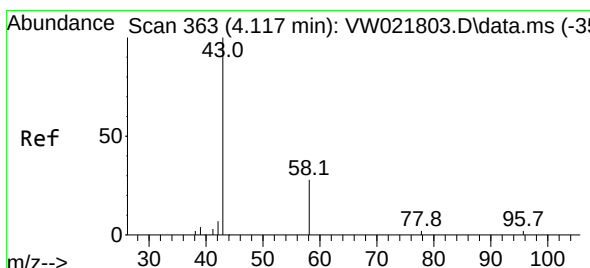
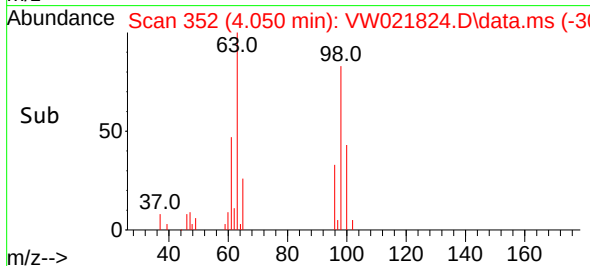
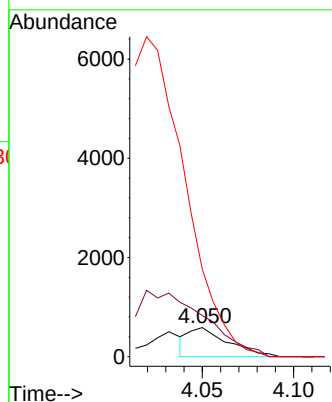
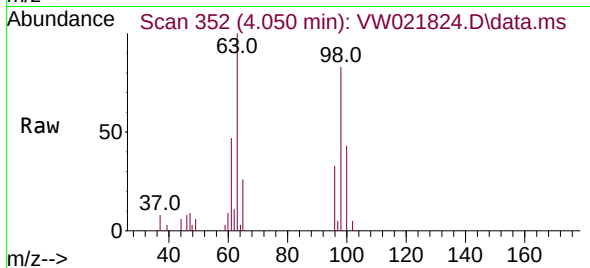
Tgt Ion: 96 Resp: 877

Ion Ratio Lower Upper

96 100

61 140.8 138.3 256.9

63 300.0 82.6 153.4#



#13

Acetone

Concen: 15.590 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.018 min

Lab File: VW021824.D

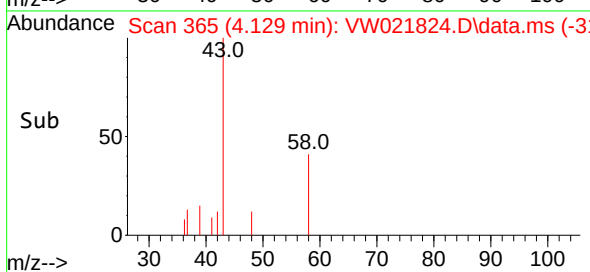
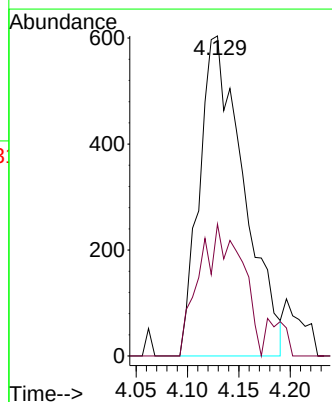
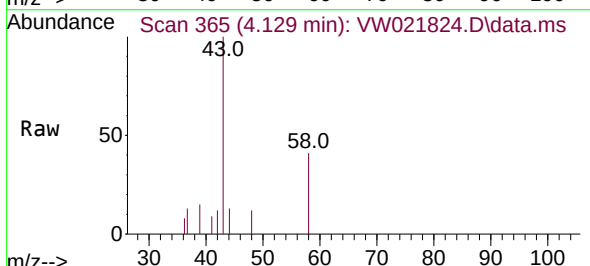
Acq: 10 Jan 2022 17:13

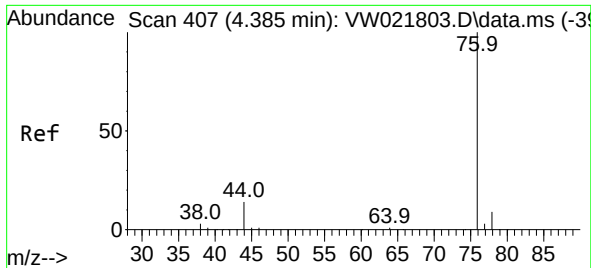
Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

58 14.6 0.0 52.8

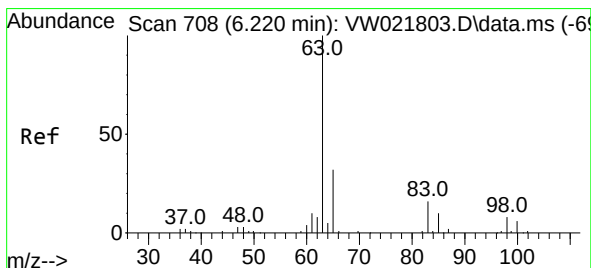
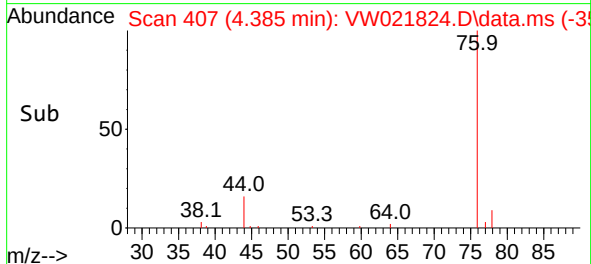
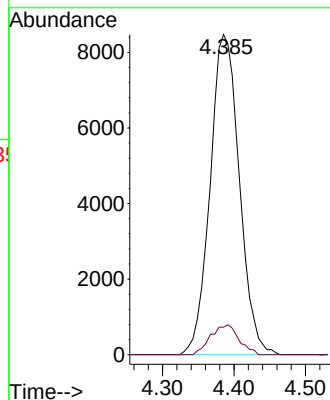
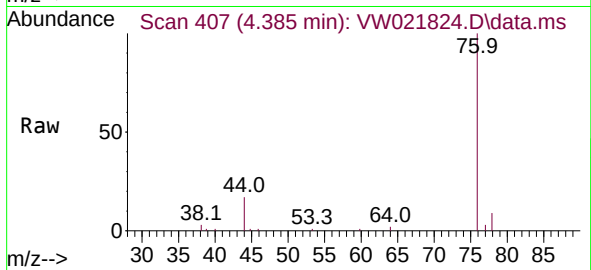




#14
Carbon disulfide
Concen: 11.838 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

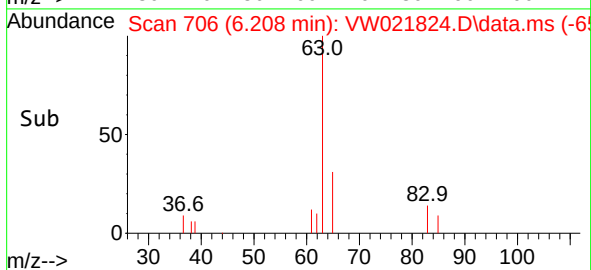
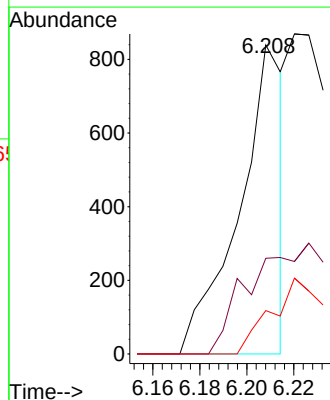
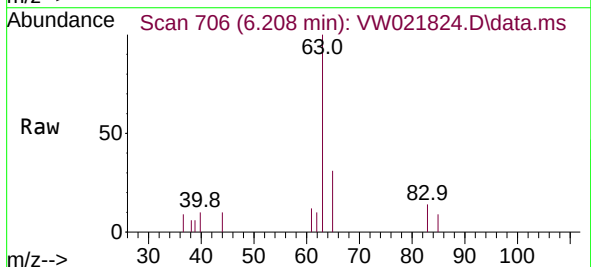
Instrument :
MSVOA_W
ClientSampleId :
BGLK1RE

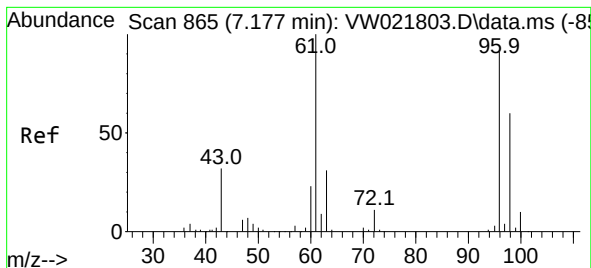
Tgt Ion: 76 Resp: 24040
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#19
1,1-Dichloroethane
Concen: 0.954 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.012 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

Tgt Ion: 63 Resp: 1103
Ion Ratio Lower Upper
63 100
65 31.0 22.1 41.1
83 14.1 9.2 17.2





#20

cis-1,2-Dichloroethene

Concen: 0.765 ug/L

RT: 7.171 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW021824.D

Acq: 10 Jan 2022 17:13

Instrument :

MSVOA_W

ClientSampleId :

BGLK1RE

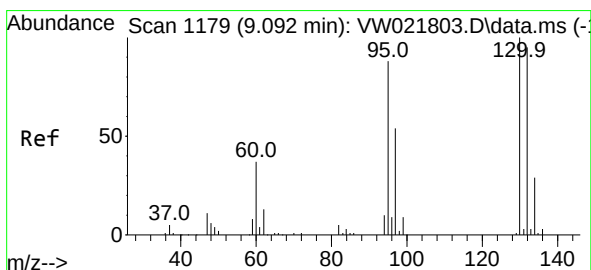
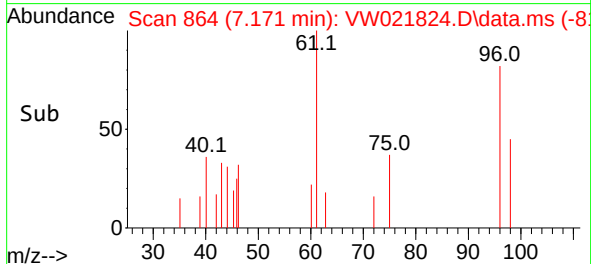
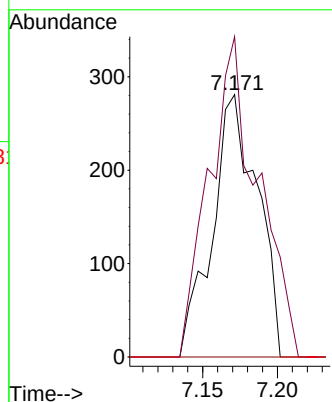
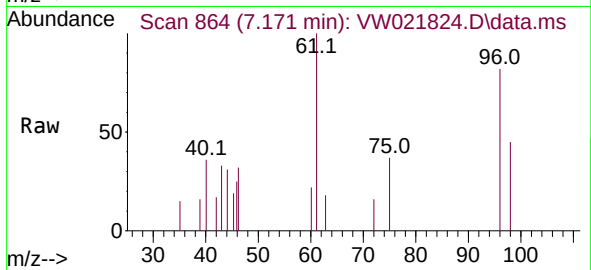
Tgt Ion: 96 Resp: 589

Ion Ratio Lower Upper

96 100

61 122.1 103.7 192.7

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 69.056 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW021824.D

Acq: 10 Jan 2022 17:13

Tgt Ion: 95 Resp: 52587

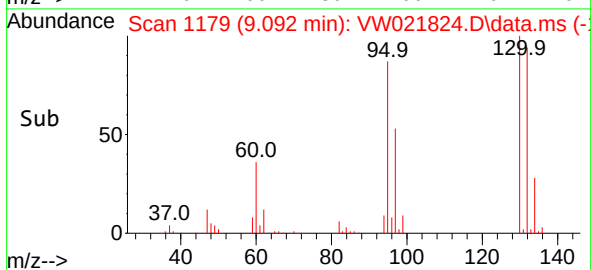
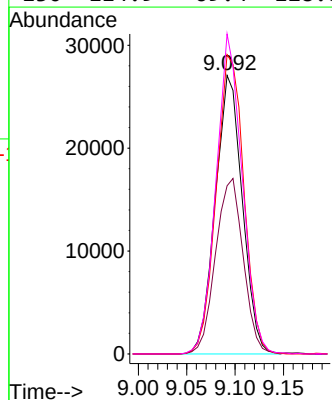
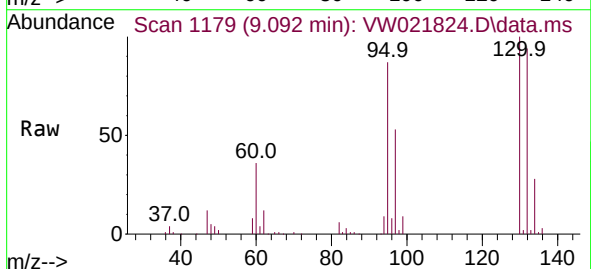
Ion Ratio Lower Upper

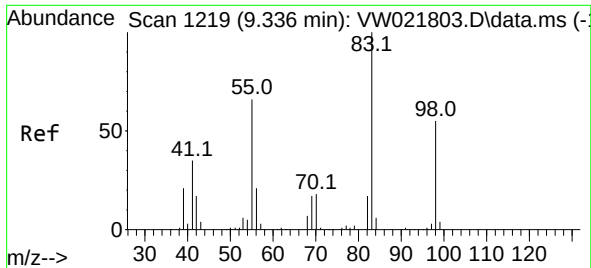
95 100

97 60.3 47.0 87.2

132 107.5 65.5 121.6

130 114.9 69.4 128.8

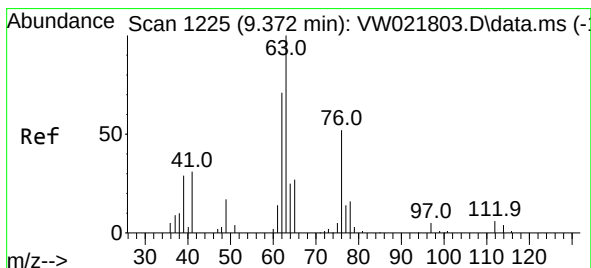
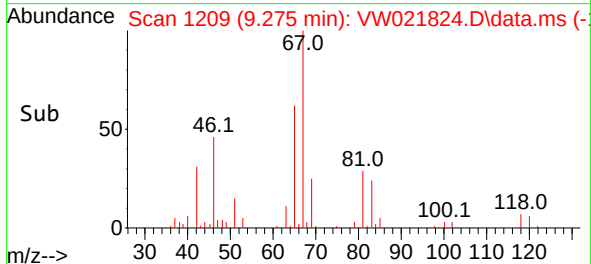
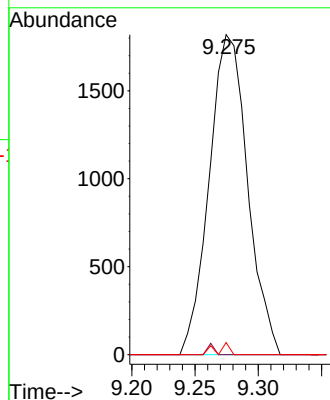
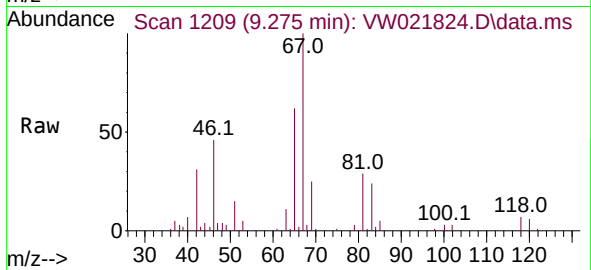




#35
Methylcyclohexane
Concen: 3.058 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

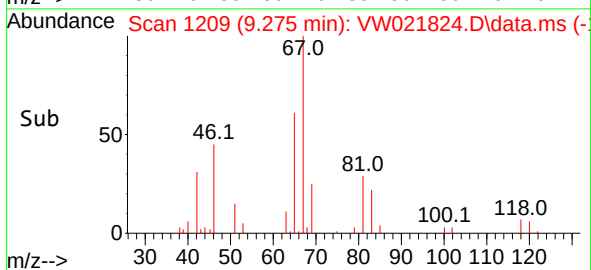
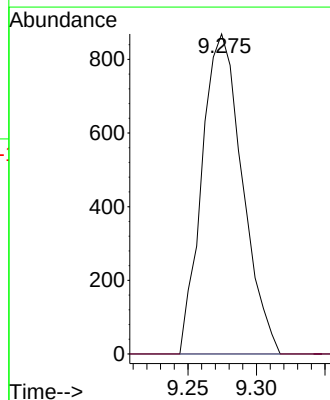
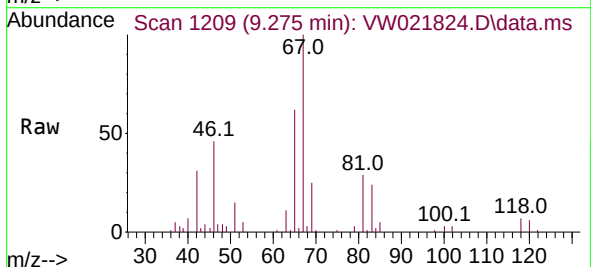
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MSVOA_W
ClientSampleId :
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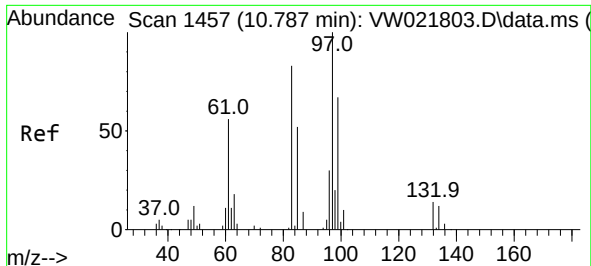
Tgt Ion: 83 Resp: 3842
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.001 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

Tgt Ion: 63 Resp: 1784
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

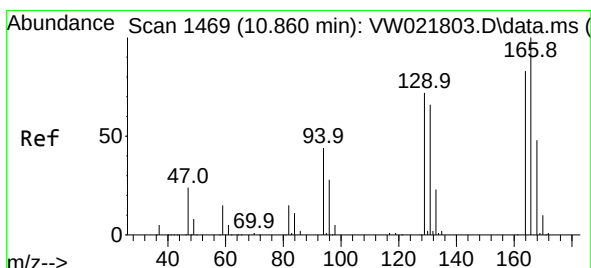
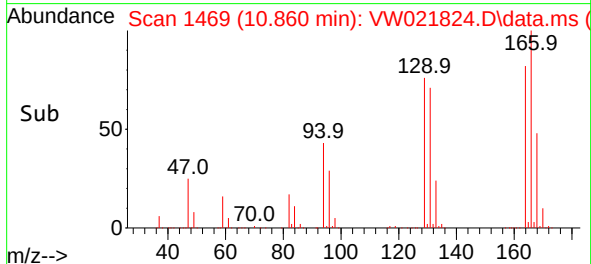
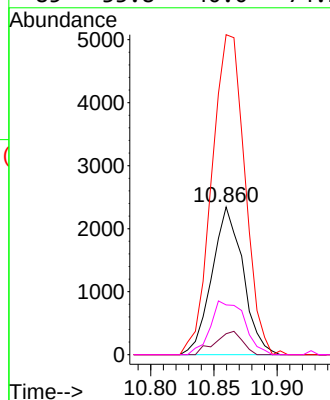
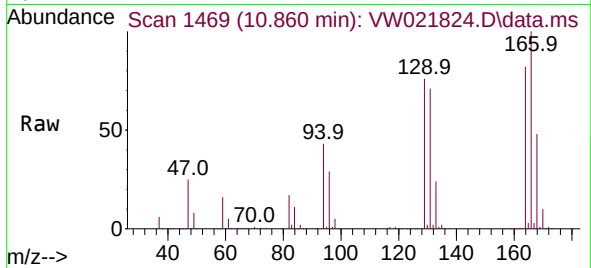




#45
1,1,2-Trichloroethane
Concen: 8.137 ug/L
RT: 10.860 min Scan# 1457
Delta R.T. 0.073 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

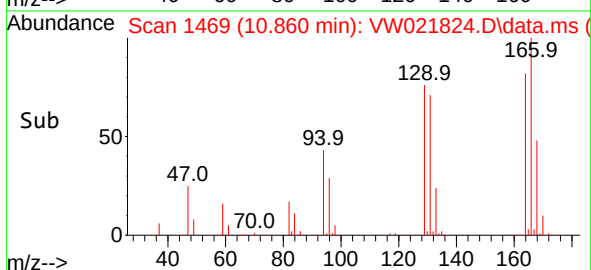
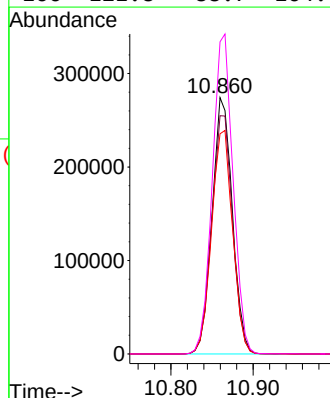
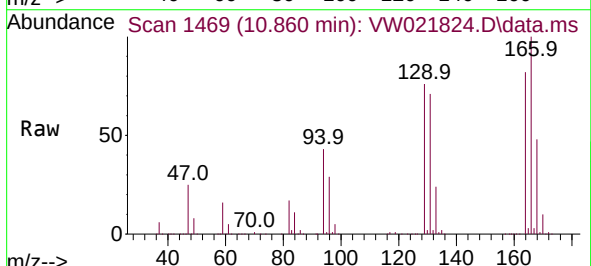
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ClientSampleId :
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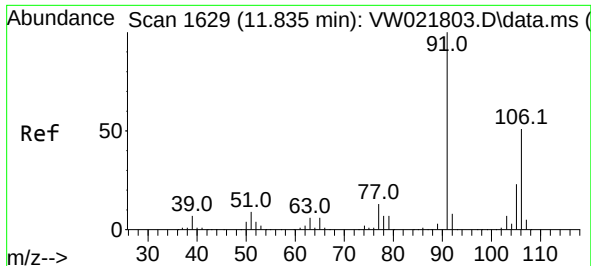
Tgt Ion: 97	Resp: 4018
Ion Ratio	Lower Upper
97	100
99	14.2 43.0 79.8#
83	216.8 62.6 116.3#
85	33.8 40.0 74.2#



#46
Tetrachloroethene
Concen: 659.272 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

Tgt Ion: 164	Resp: 470146
Ion Ratio	Lower Upper
164	100
129	93.0 65.5 121.7
131	85.9 59.7 110.9
166	121.8 88.7 164.7

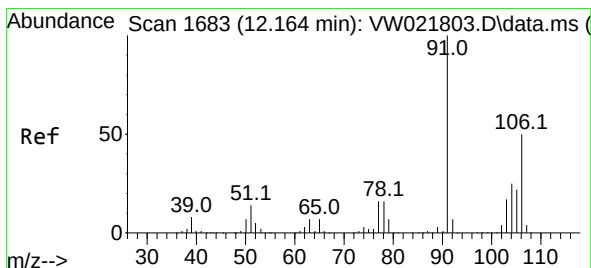
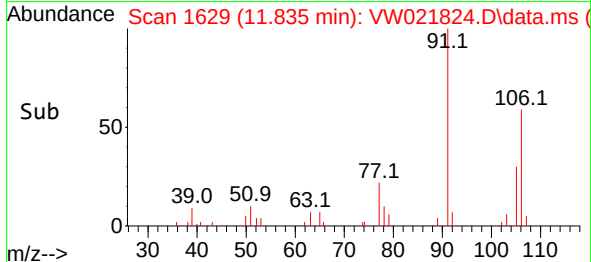
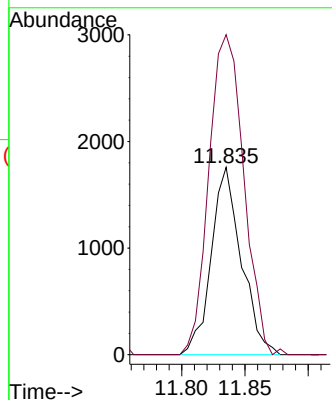
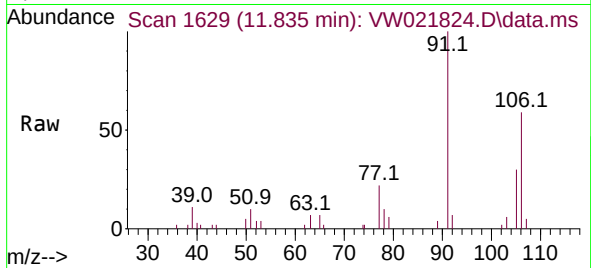




#53
m,p-Xylene
Concen: 2.093 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

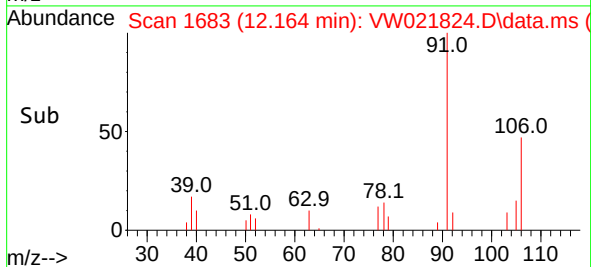
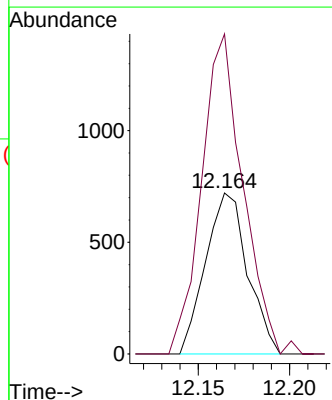
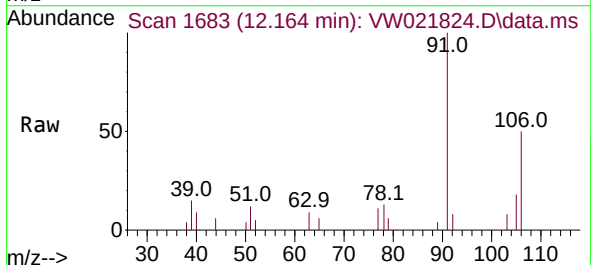
Instrument :
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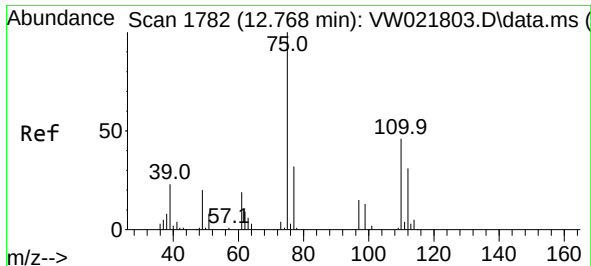
Tgt Ion:106 Resp: 2915
Ion Ratio Lower Upper
106 100
91 170.9 149.9 278.3



#54
o-Xylene
Concen: 0.873 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

Tgt Ion:106 Resp: 1153
Ion Ratio Lower Upper
106 100
91 198.8 153.6 285.3

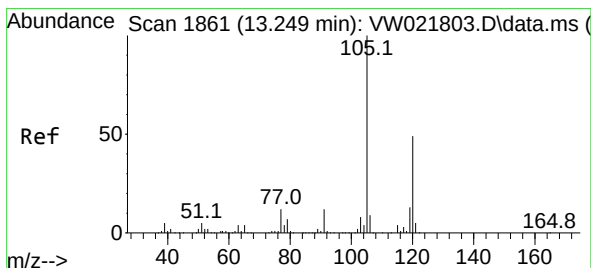
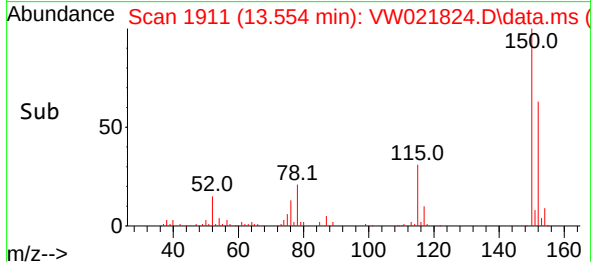
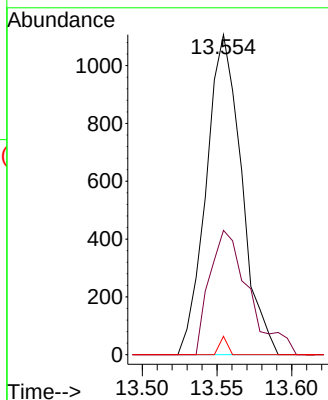
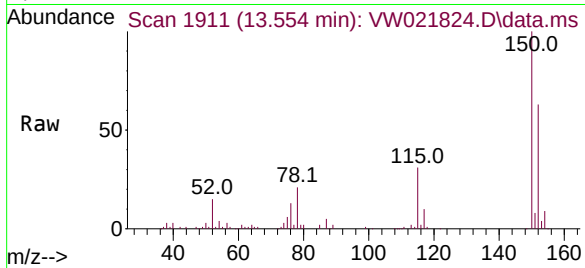




#61
1,2,3-Trichloropropane
Concen: 6.452 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

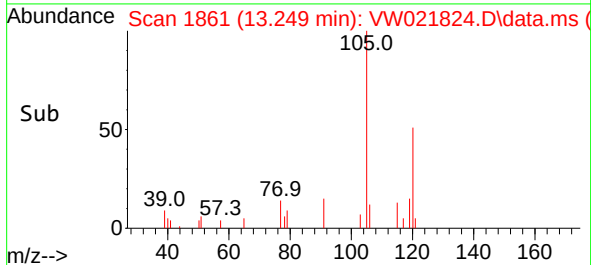
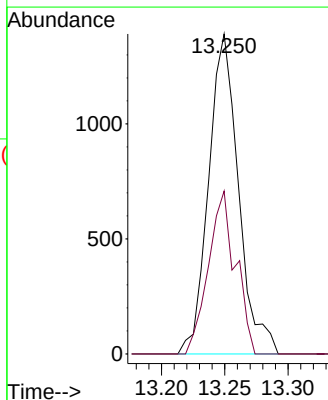
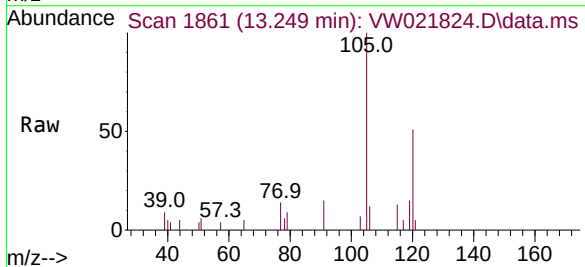
Instrument :
MSVOA_W
ClientSampleId :
BGLK1RE

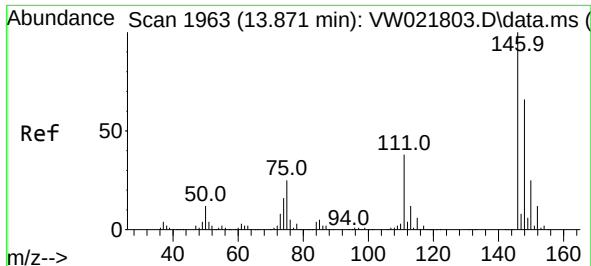
Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
77 40.4 25.8 38.8#
110 0.0 29.0 43.4#



#63
1,2,4-Trimethylbenzene
Concen: 1.059 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021824.D
Acq: 10 Jan 2022 17:13

Tgt Ion: 105 Resp: 2283
Ion Ratio Lower Upper
105 100
120 46.3 35.0 52.6





#67

1,2-Dichlorobenzene

Concen: 0.665 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021824.D

Acq: 10 Jan 2022 17:13

Instrument :

MSVOA_W

ClientSampleId :

BGLK1RE

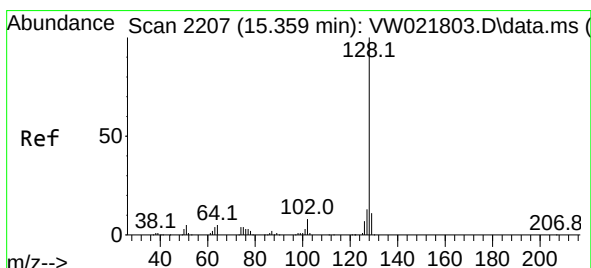
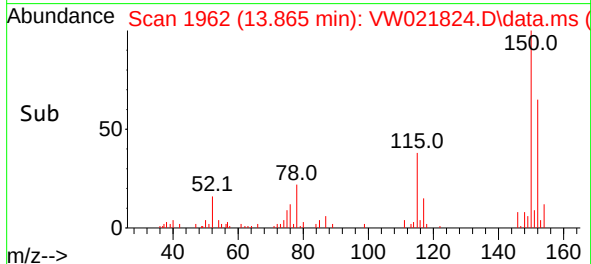
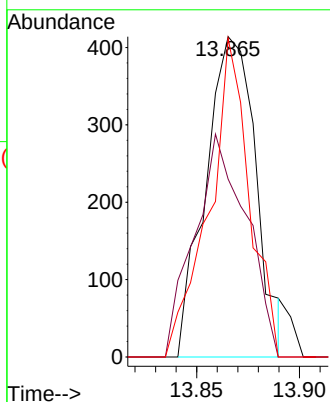
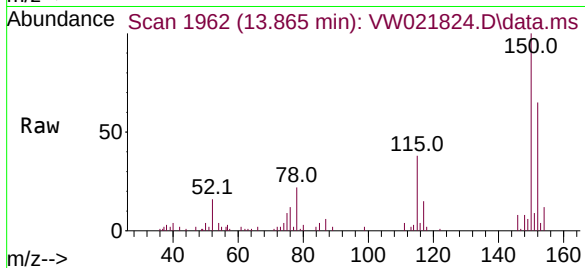
Tgt Ion:146 Resp: 704

Ion Ratio Lower Upper

146 100

111 55.6 33.1 49.7#

148 99.5 47.4 71.2#



#71

Naphthalene

Concen: 2.304 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021824.D

Acq: 10 Jan 2022 17:13

Tgt Ion:128 Resp: 2664

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 5.6 8.6 12.8#

