

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011322\
 Data File : VW021884.D
 Acq On : 13 Jan 2022 12:14
 Operator : SY/VA
 Sample : N1114-20
 Misc : 5.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLR2

Quant Time: Jan 14 00:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127580	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	98342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	32827	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36902	15.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.240%
7) Chloroethane-d5	2.879	69	27706	12.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.760%
11) 1,1-Dichloroethene-d2	4.038	63	138662	37.039	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	148.160%#
21) 2-Butanone-d5	7.080	46	23699	70.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.620%#
24) Chloroform-d	7.647	84	84432	20.485	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.960%
26) 1,2-Dichloroethane-d4	8.305	65	45073	22.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	8.269	84	161478	25.305	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.240%
36) 1,2-Dichloropropane-d6	9.275	67	44570	26.500	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.000%
41) Toluene-d8	10.323	98	145604	22.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.579	79	17462	24.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.921	63	16167	70.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.680%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	35436	26.944	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	30477	22.579	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.038	96	188441	98.955	ug/L #	60
13) Acetone	4.129	43	5782	20.910	ug/L	77
14) Carbon disulfide	4.379	76	6804	1.365	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	2237	1.087	ug/L	82
19) 1,1-Dichloroethane	6.220	63	447494	148.289	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	35583	16.810	ug/L	70
27) 1,2-Dichloroethane	8.403	62	3628	1.755	ug/L #	95
34) Trichloroethene	9.092	95	1636418	935.370	ug/L	89
35) Methylcyclohexane	9.275	83	12094	4.204	ug/L #	15
37) 1,2-Dichloropropane	9.268	63	5566	4.237	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1668	0.817	ug/L	85
42) Toluene	10.384	91	6902	1.021	ug/L	95
46) Tetrachloroethene	10.872	164	10569699	6109.635	ug/L	95
48) 2-Hexanone	10.927	43	2104	4.983	ug/L #	69
52) Ethylbenzene	11.731	91	4687	0.624	ug/L	99
53) m,p-Xylene	11.835	106	5449	1.734	ug/L	77
54) o-Xylene	12.164	106	4460	1.529	ug/L	76
61) 1,2,3-Trichloropropane	12.603	75	428	0.912	ug/L #	1

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Quant Time: Jan 14 00:54:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 23:48:31 2022
Response via : Initial Calibration

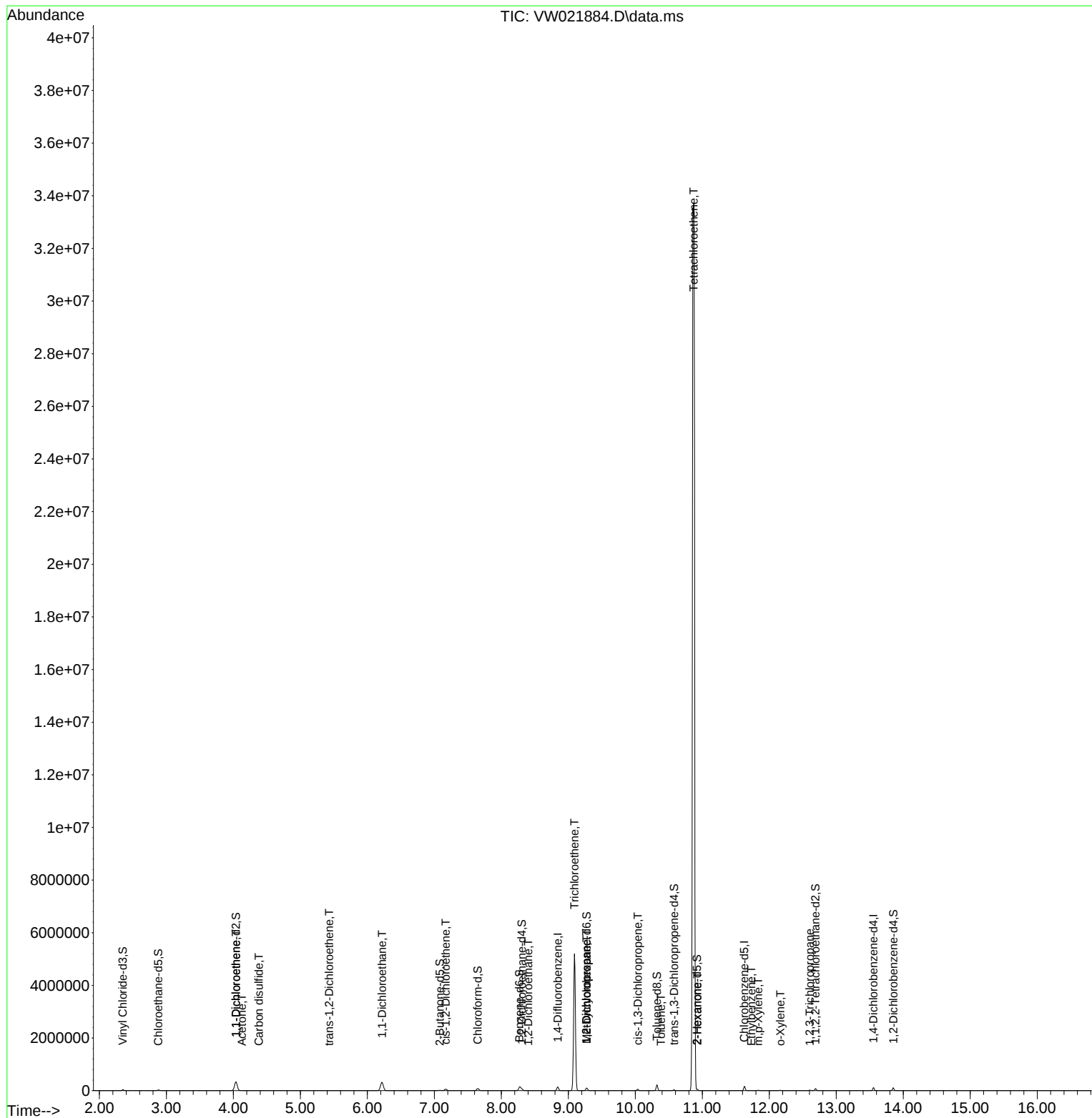
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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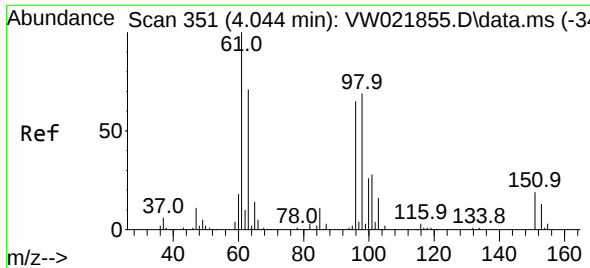
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

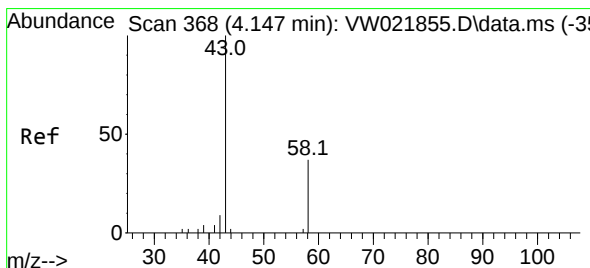
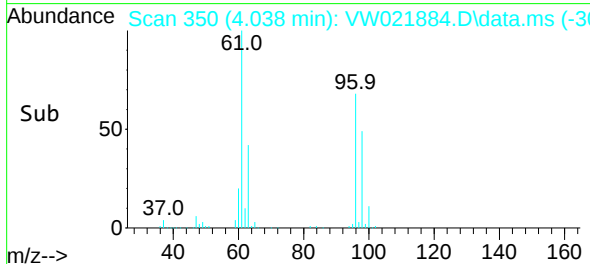
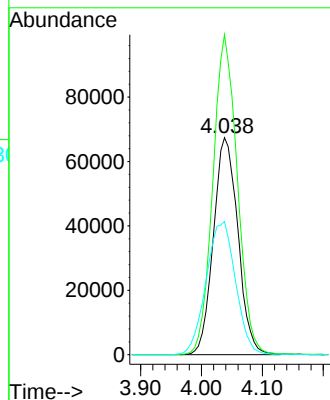
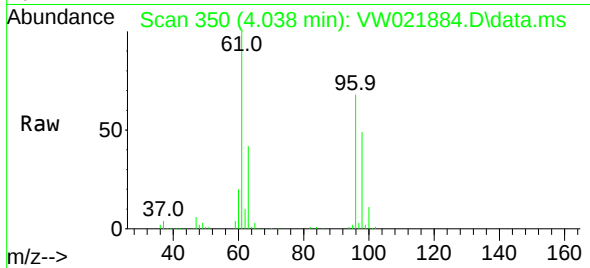




#12
1,1-Dichloroethene
Concen: 98.955 ug/L
RT: 4.038 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

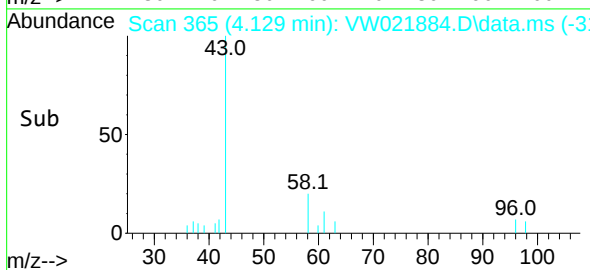
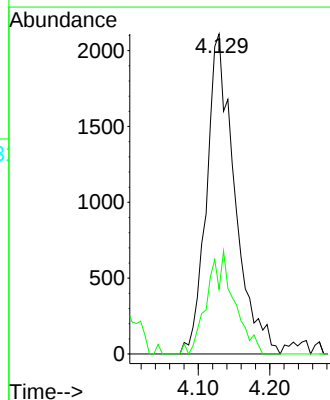
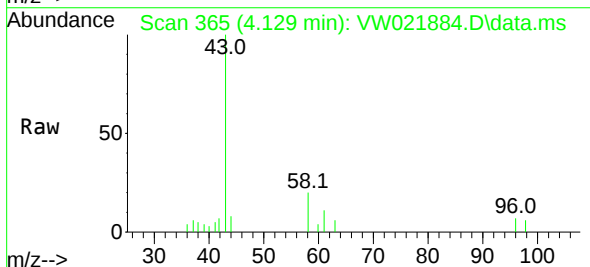
Instrument :
MSVOA_W
ClientSampleId :
BGLR2

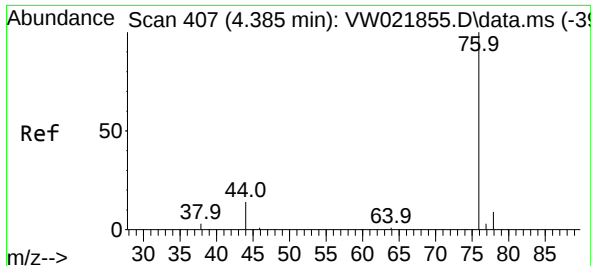
Tgt Ion: 96 Resp: 188441
Ion Ratio Lower Upper
96 100
61 147.5 138.3 256.9
63 61.3 82.6 153.4#



#13
Acetone
Concen: 20.910 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.018 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Tgt Ion: 43 Resp: 5782
Ion Ratio Lower Upper
43 100
58 14.7 0.0 52.8

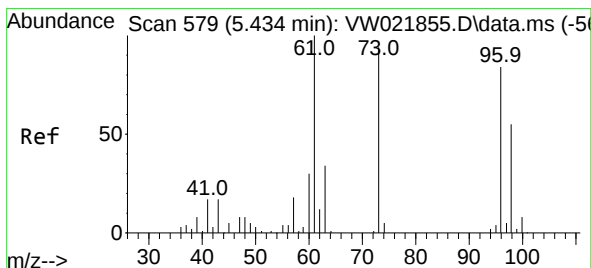
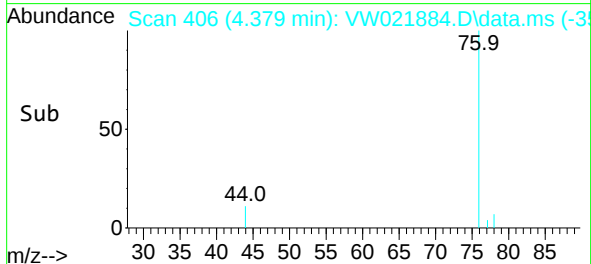
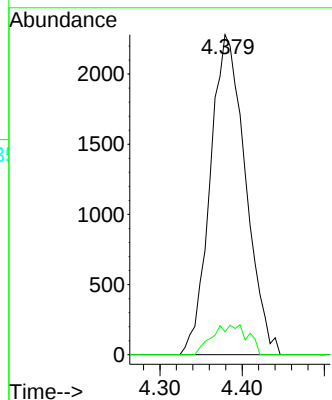
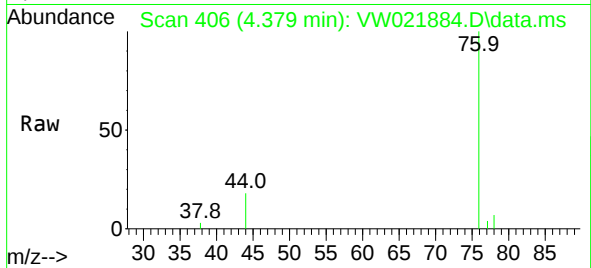




#14
Carbon disulfide
Concen: 1.365 ug/L
RT: 4.379 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

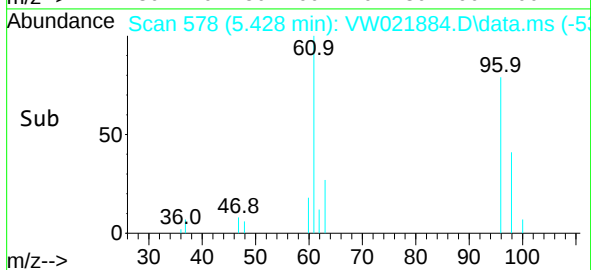
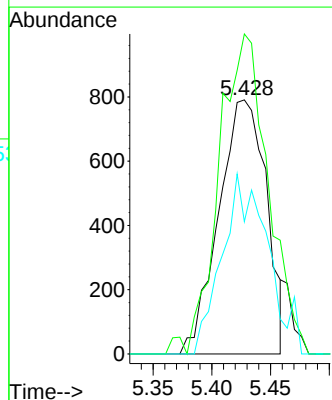
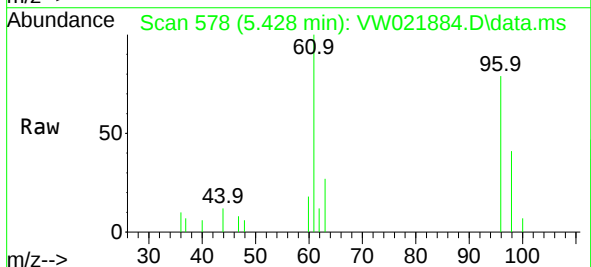
Instrument :
MSVOA_W
ClientSampleId :
BGLR2

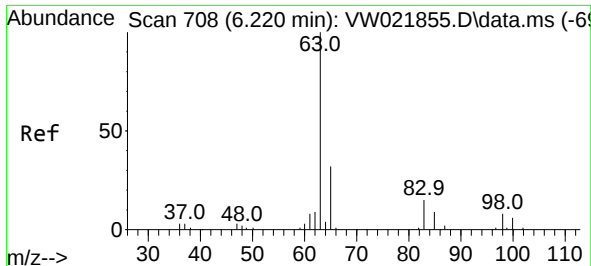
Tgt Ion: 76 Resp: 6804
Ion Ratio Lower Upper
76 100
78 7.1 7.1 10.7



#17
trans-1,2-Dichloroethene
Concen: 1.087 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Tgt Ion: 96 Resp: 2237
Ion Ratio Lower Upper
96 100
61 125.9 107.4 199.4
98 52.1 41.2 76.6





#19

1,1-Dichloroethane

Concen: 148.289 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021884.D

Acq: 13 Jan 2022 12:14

Instrument :

MSVOA_W

ClientSampleId :

BGLR2

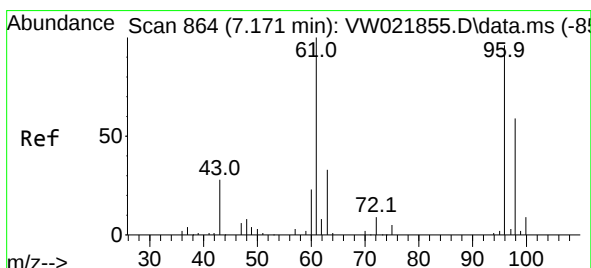
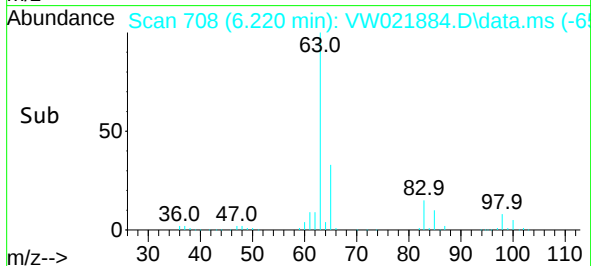
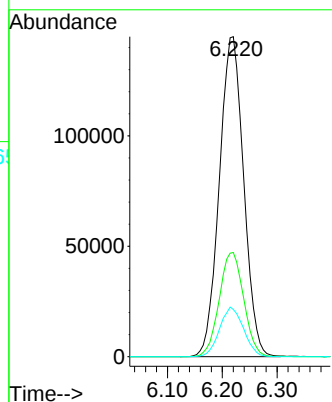
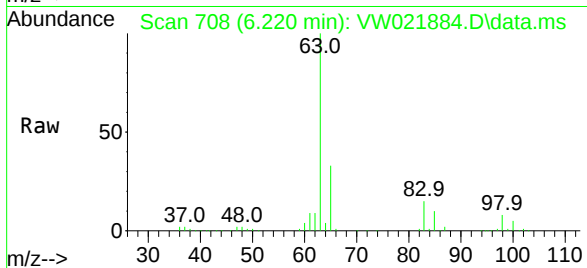
Tgt Ion: 63 Resp: 447494

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 14.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 16.810 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021884.D

Acq: 13 Jan 2022 12:14

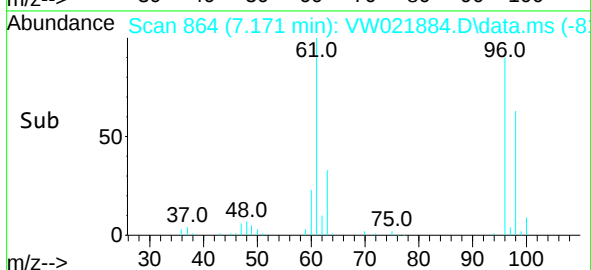
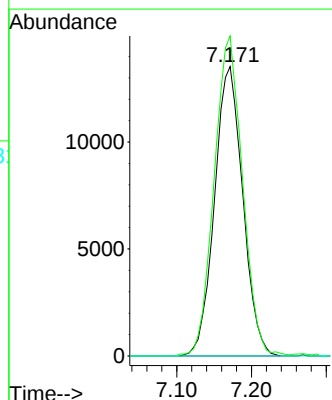
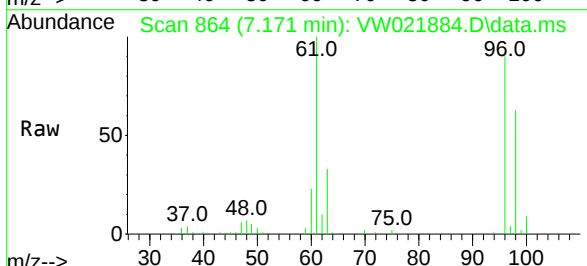
Tgt Ion: 96 Resp: 35583

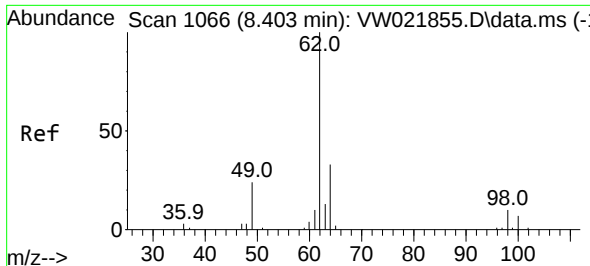
Ion Ratio Lower Upper

96 100

61 110.6 103.7 192.7

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.755 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW021884.D

Acq: 13 Jan 2022 12:14

Instrument :

MSVOA_W

ClientSampleId :

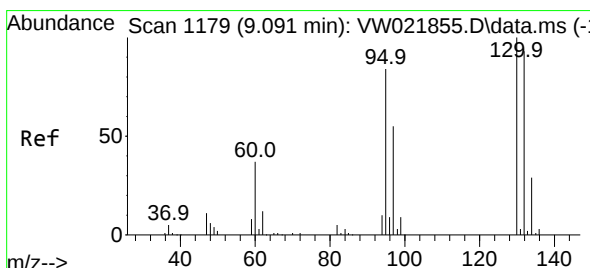
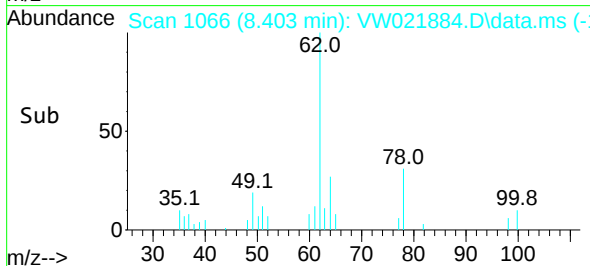
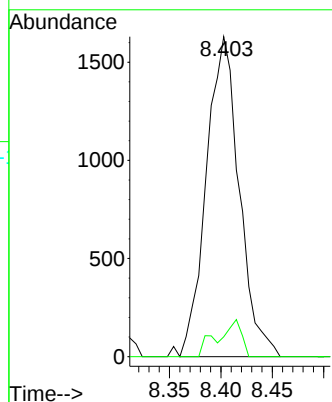
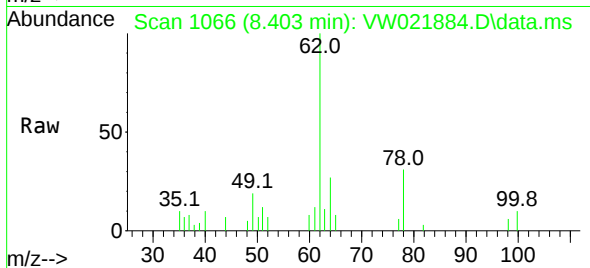
BGLR2

Tgt Ion: 62 Resp: 3628

Ion Ratio Lower Upper

62 100

98 6.2 6.5 9.7#



#34

Trichloroethene

Concen: 935.370 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021884.D

Acq: 13 Jan 2022 12:14

Tgt Ion: 95 Resp: 1636418

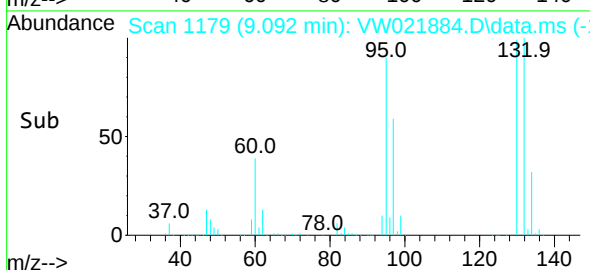
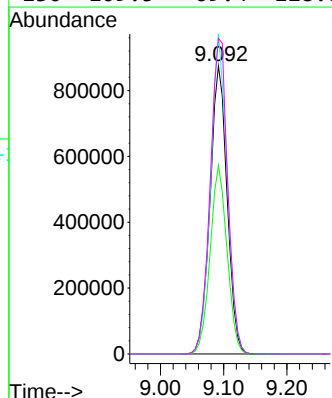
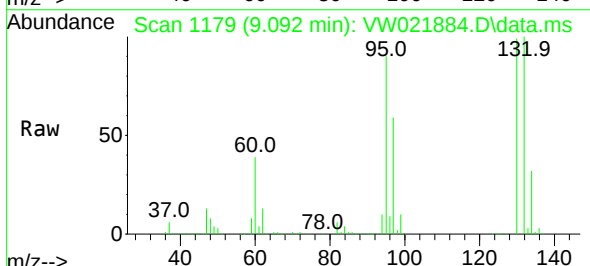
Ion Ratio Lower Upper

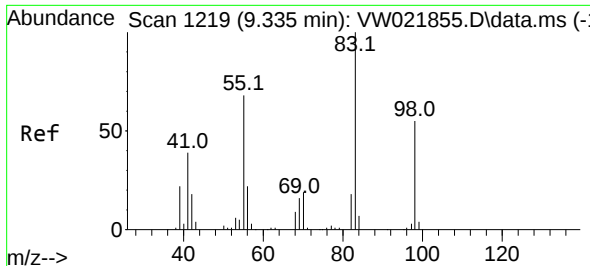
95 100

97 65.4 47.0 87.2

132 111.1 65.5 121.6

130 109.5 69.4 128.8

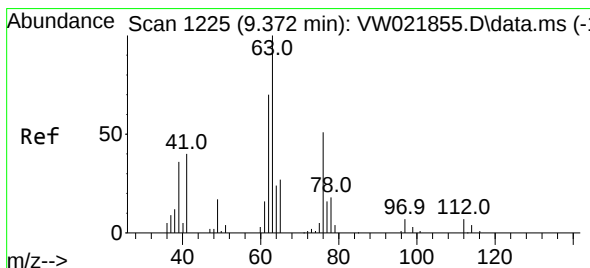
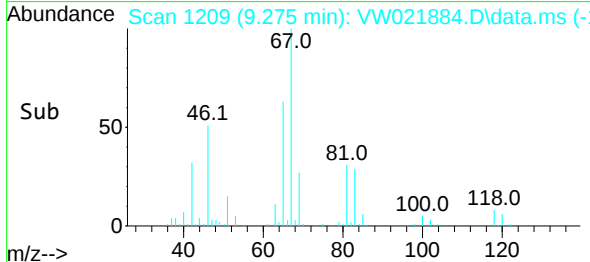
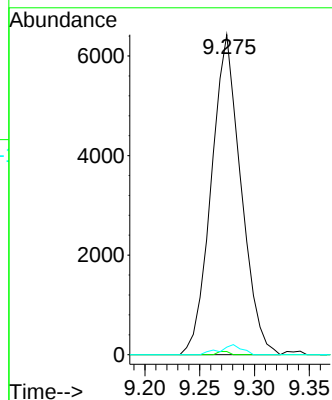
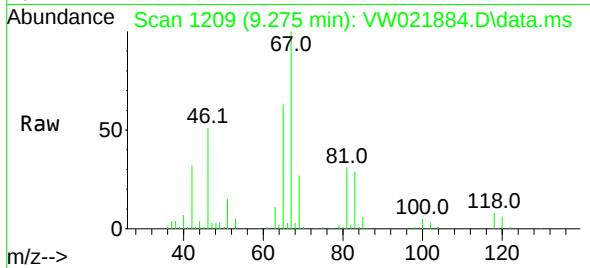




#35
Methylcyclohexane
Concen: 4.204 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

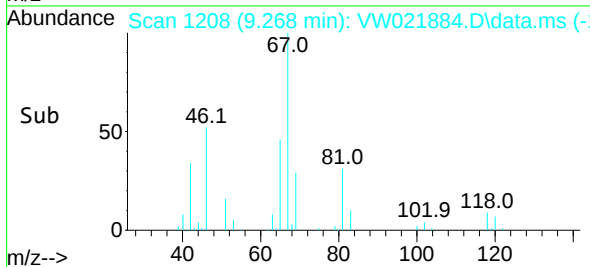
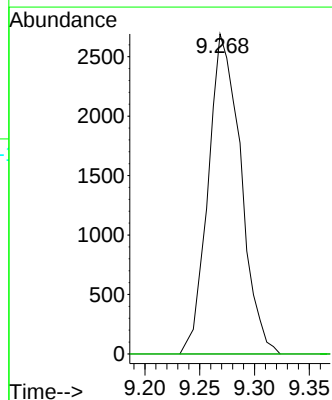
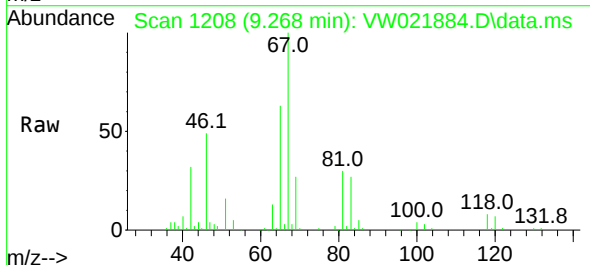
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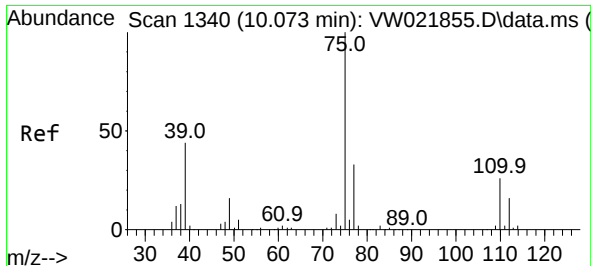
Tgt Ion: 83 Resp: 12094
Ion Ratio Lower Upper
83 100
55 0.4 70.8 106.2#
98 1.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.237 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.103 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Tgt Ion: 63 Resp: 5566
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.817 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021884.D

Acq: 13 Jan 2022 12:14

Instrument :

MSVOA_W

ClientSampleId :

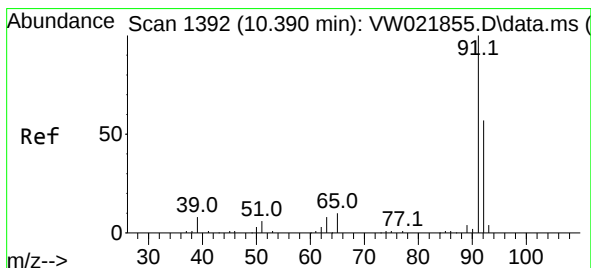
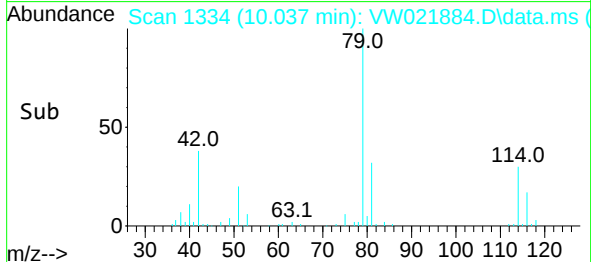
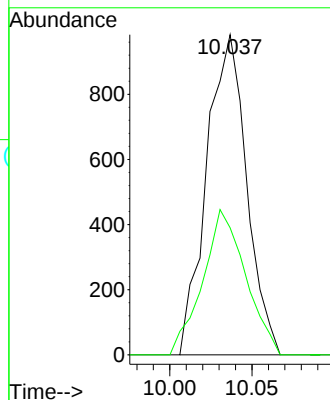
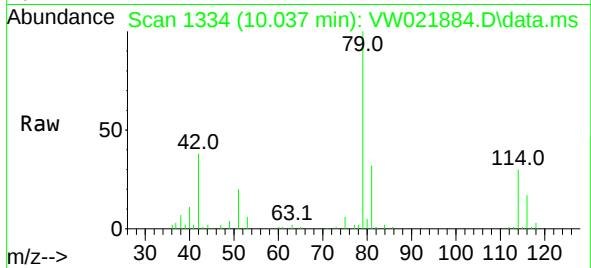
BGLR2

Tgt Ion: 75 Resp: 1668

Ion Ratio Lower Upper

75 100

77 39.7 21.8 40.6



#42

Toluene

Concen: 1.021 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021884.D

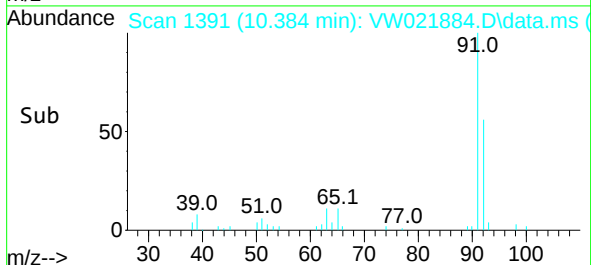
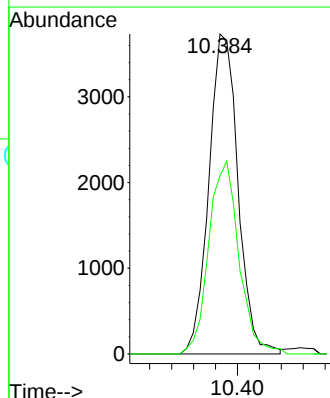
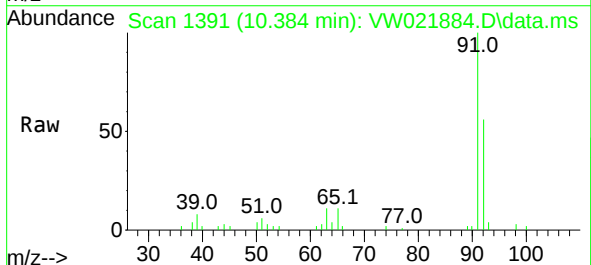
Acq: 13 Jan 2022 12:14

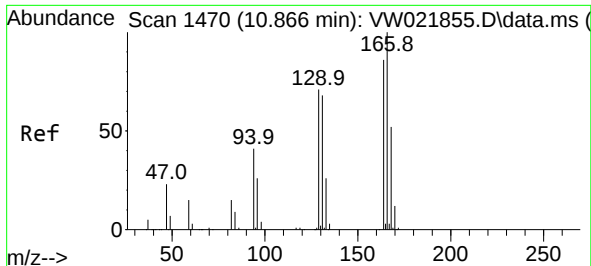
Tgt Ion: 91 Resp: 6902

Ion Ratio Lower Upper

91 100

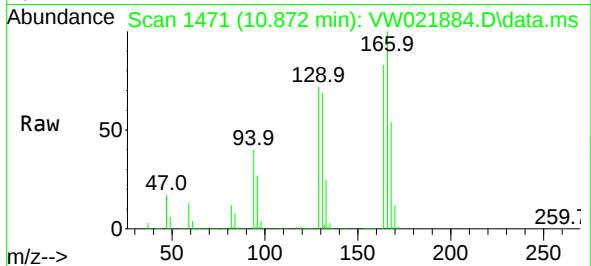
92 55.7 41.7 77.5



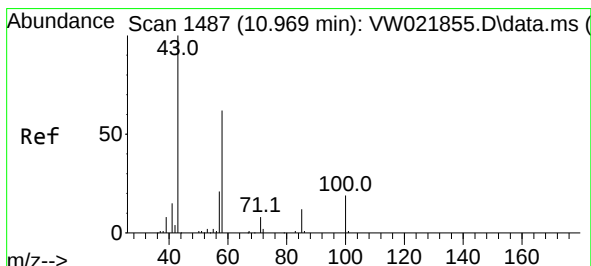
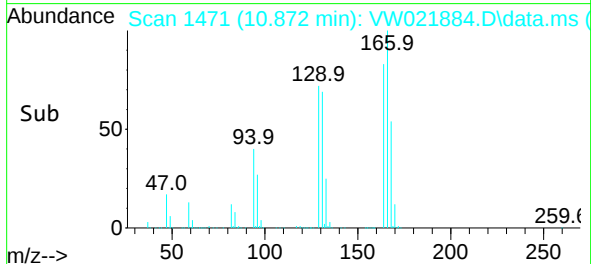
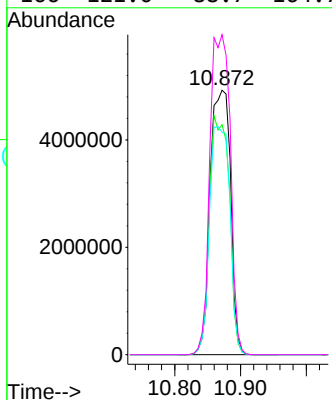


#46
Tetrachloroethene
Concen: 6109.635 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Instrument :
MSVOA_W
ClientSampleId :
BGLR2

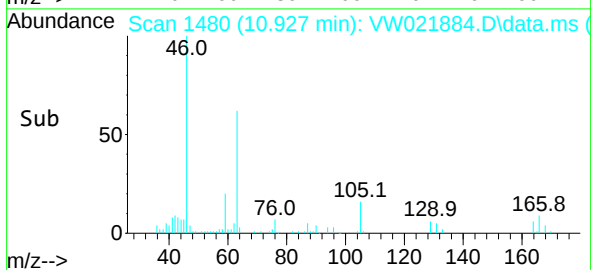
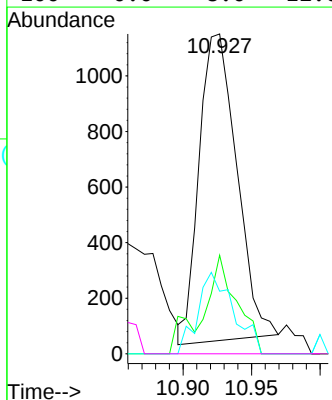
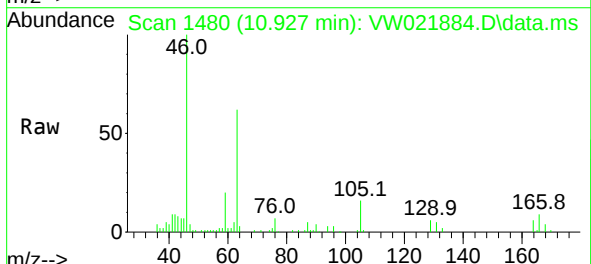


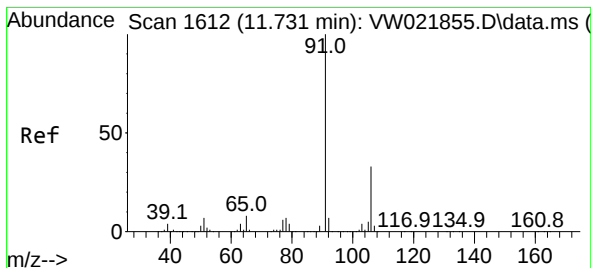
Tgt Ion:164 Resp:10569699
Ion Ratio Lower Upper
164 100
129 87.0 65.5 121.7
131 84.1 59.7 110.9
166 121.0 88.7 164.7



#48
2-Hexanone
Concen: 4.983 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 23.8 40.2 60.2#
57 23.6 14.3 21.5#
100 0.0 8.0 12.0#





#52

Ethylbenzene

Concen: 0.624 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021884.D

Acq: 13 Jan 2022 12:14

Instrument :

MSVOA_W

ClientSampleId :

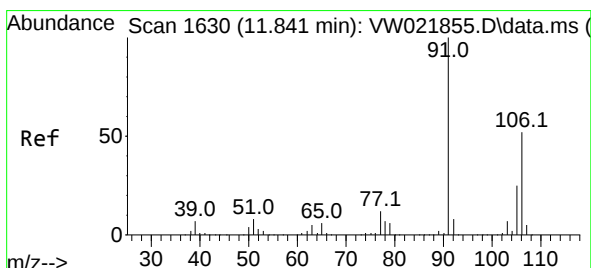
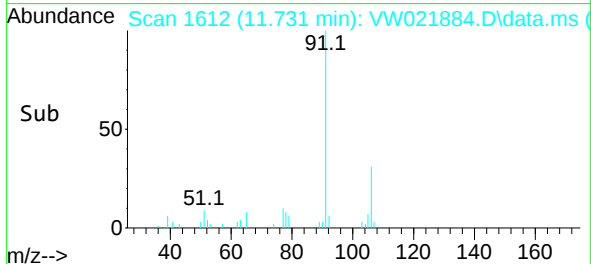
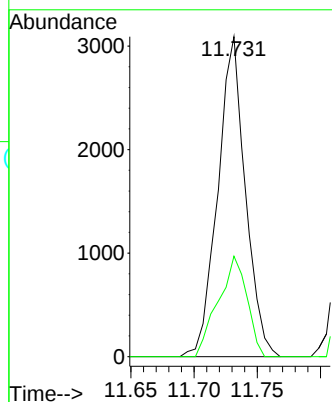
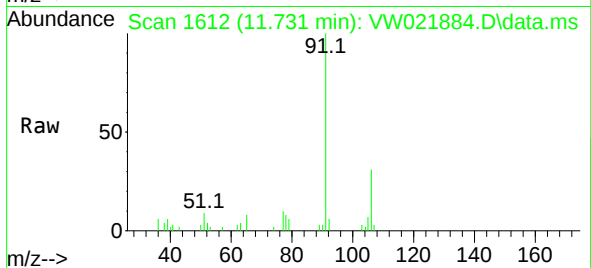
BGLR2

Tgt Ion: 91 Resp: 4687

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



#53

m,p-Xylene

Concen: 1.734 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021884.D

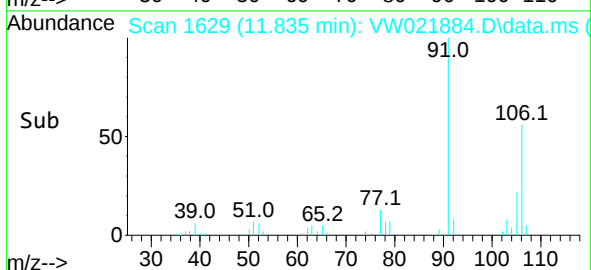
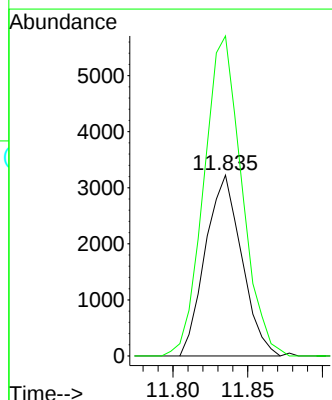
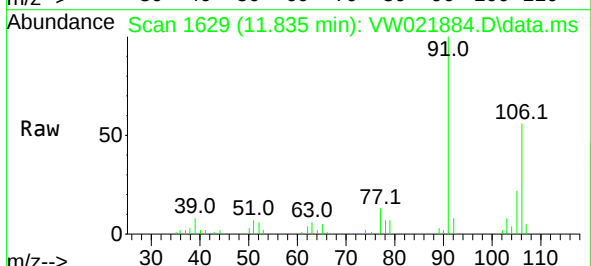
Acq: 13 Jan 2022 12:14

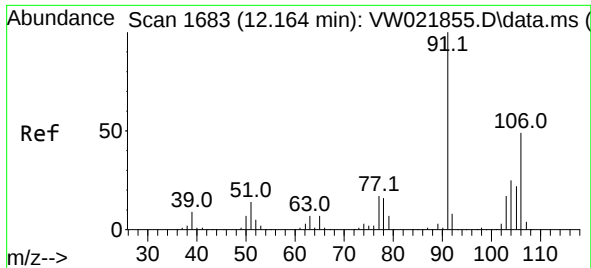
Tgt Ion:106 Resp: 5449

Ion Ratio Lower Upper

106 100

91 177.0 149.9 278.3

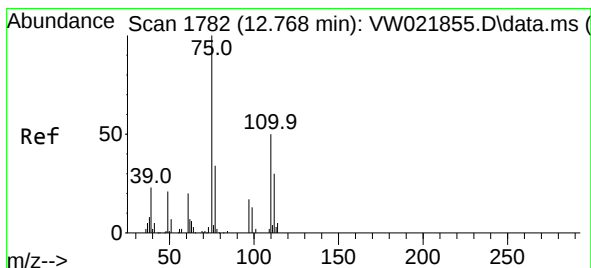
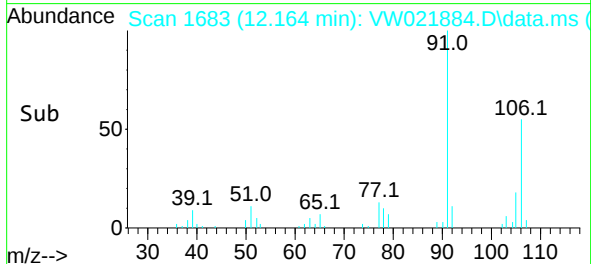
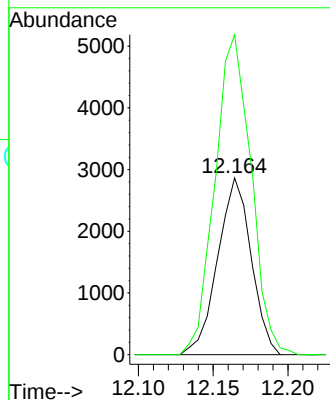
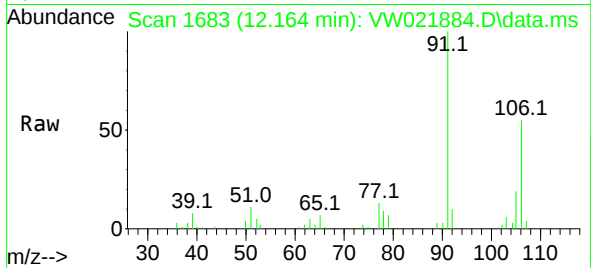




#54
o-Xylene
Concen: 1.529 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Instrument :
MSVOA_W
ClientSampleId :
BGLR2

Tgt Ion:106 Resp: 4460
Ion Ratio Lower Upper
106 100
91 181.0 153.6 285.3



#61
1,2,3-Trichloropropane
Concen: 0.912 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.164 min
Lab File: VW021884.D
Acq: 13 Jan 2022 12:14

Tgt Ion: 75 Resp: 428
Ion Ratio Lower Upper
75 100
77 167.5 25.8 38.8#
110 0.0 29.0 43.4#

