

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021345.D
 Acq On : 12 Dec 2021 02:45
 Operator : SY/VA
 Sample : M5062-18
 Misc : 6.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL19

Quant Time: Dec 13 03:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

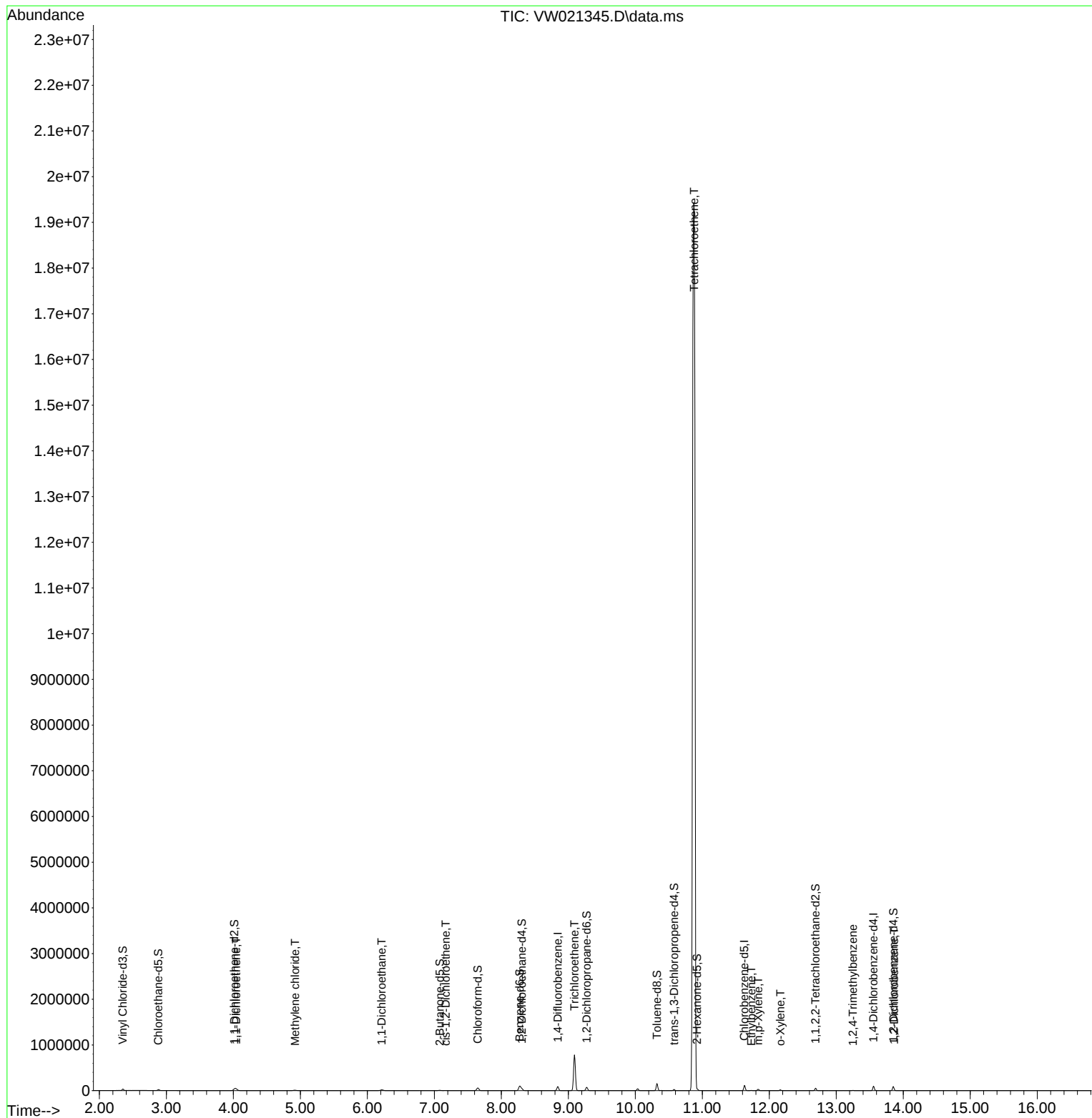
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	74077	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	63159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	25295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	30147	22.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.400%
7) Chloroethane-d5	2.879	69	23432	26.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
11) 1,1-Dichloroethene-d2	4.013	63	37359	20.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.080%
21) 2-Butanone-d5	7.080	46	12421	65.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.620%
24) Chloroform-d	7.647	84	58445	28.311	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.240%
26) 1,2-Dichloroethane-d4	8.305	65	29999	27.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.280%
32) Benzene-d6	8.275	84	104189	30.095	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.400%
36) 1,2-Dichloropropane-d6	9.275	67	30979	33.366	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.480%#
41) Toluene-d8	10.323	98	99199	28.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.160%
43) trans-1,3-Dichloroprop...	10.579	79	12894	30.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.640%
47) 2-Hexanone-d5	10.921	63	9760	71.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.180%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24425	30.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	22204	22.650	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	15937	17.357	ug/L	85
16) Methylene chloride	4.922	84	7639	6.241	ug/L	82
19) 1,1-Dichloroethane	6.214	63	24277	15.561	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	1918	1.829	ug/L	81
34) Trichloroethene	9.092	95	256512	265.588	ug/L	90
46) Tetrachloroethene	10.878	164	7000383	7629.857	ug/L	91
52) Ethylbenzene	11.731	91	4002	0.870	ug/L	98
53) m,p-Xylene	11.835	106	9140	4.927	ug/L	80
54) o-Xylene	12.164	106	4494	2.553	ug/L	85
63) 1,2,4-Trimethylbenzene	13.249	105	3043	1.055	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1305	0.914	ug/L	# 87

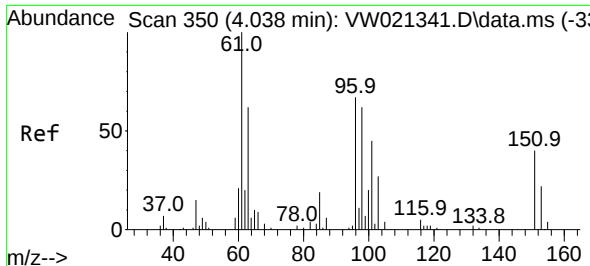
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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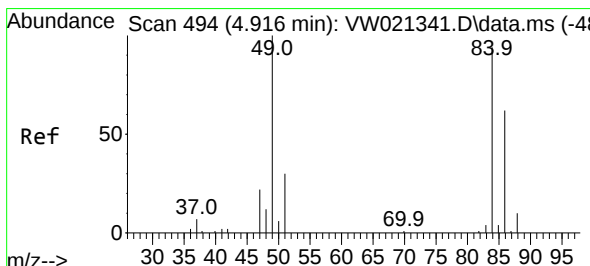
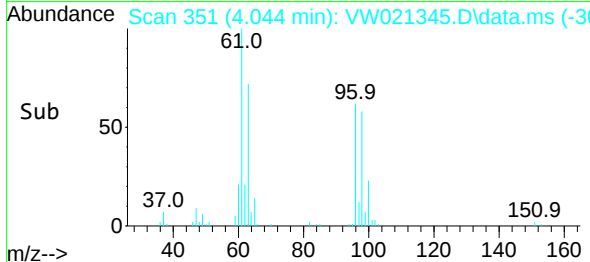
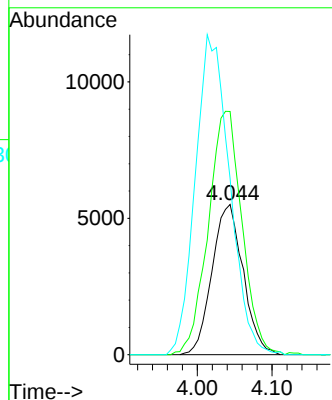
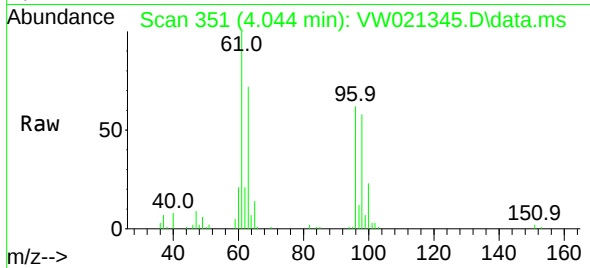




#12
1,1-Dichloroethene
Concen: 17.357 ug/L
RT: 4.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VW021345.D
Acq: 12 Dec 2021 02:45

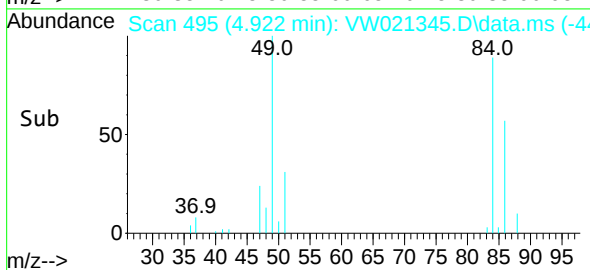
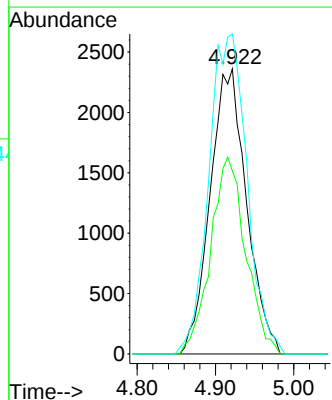
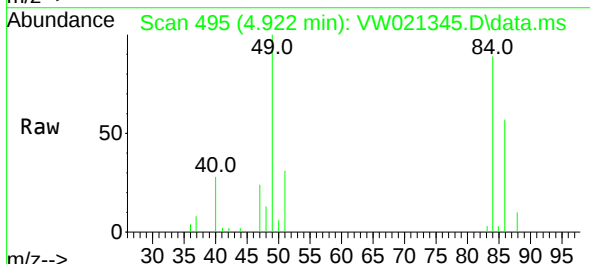
Instrument :
MSVOA_W
ClientSampleId :
BGL19

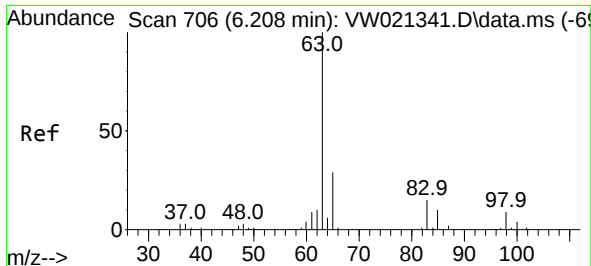
Tgt Ion: 96 Resp: 15937
Ion Ratio Lower Upper
96 100
61 162.0 138.3 256.9
63 117.2 82.6 153.4



#16
Methylene chloride
Concen: 6.241 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021345.D
Acq: 12 Dec 2021 02:45

Tgt Ion: 84 Resp: 7639
Ion Ratio Lower Upper
84 100
86 64.2 45.5 84.5
49 112.2 100.5 186.7





#19

1,1-Dichloroethane

Concen: 15.561 ug/L

RT: 6.214 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW021345.D

Acq: 12 Dec 2021 02:45

Instrument :

MSVOA_W

ClientSampleId :

BGL19

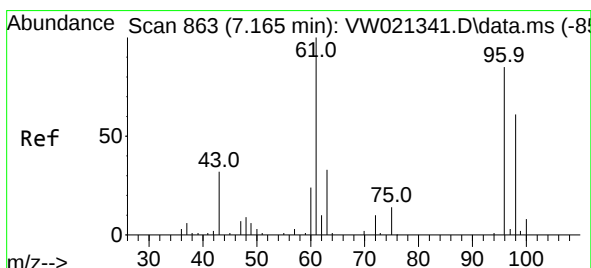
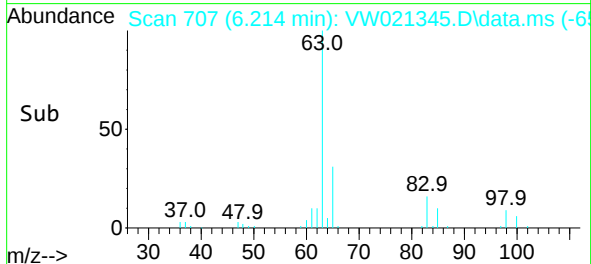
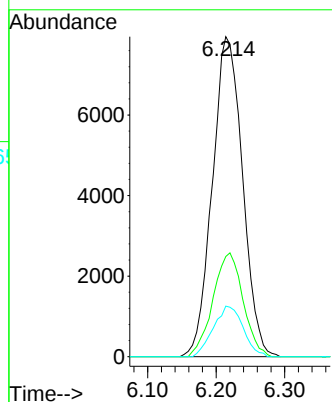
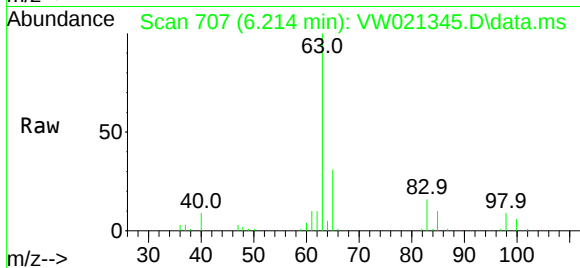
Tgt Ion: 63 Resp: 24277

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 15.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 1.829 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021345.D

Acq: 12 Dec 2021 02:45

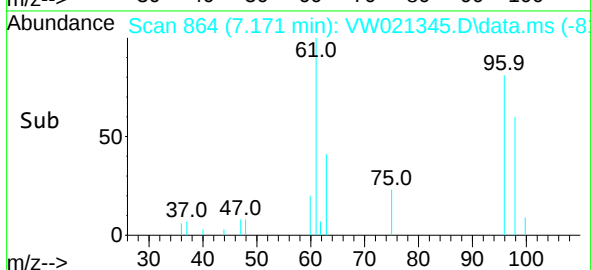
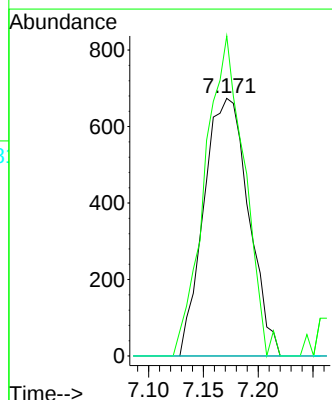
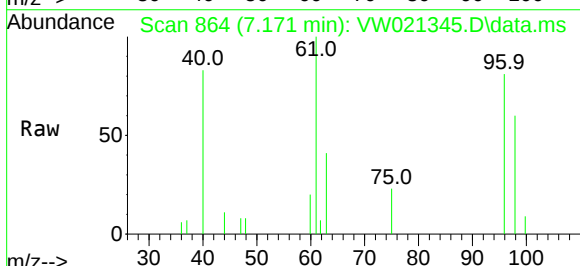
Tgt Ion: 96 Resp: 1918

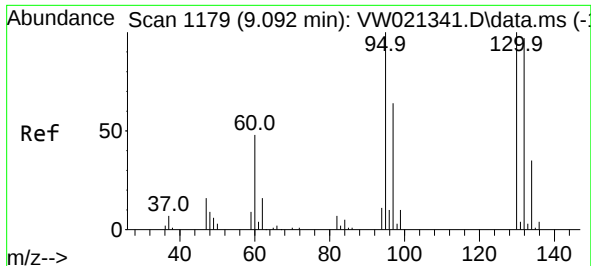
Ion Ratio Lower Upper

96 100

61 124.2 103.7 192.7

68 0.0 0.0 0.0

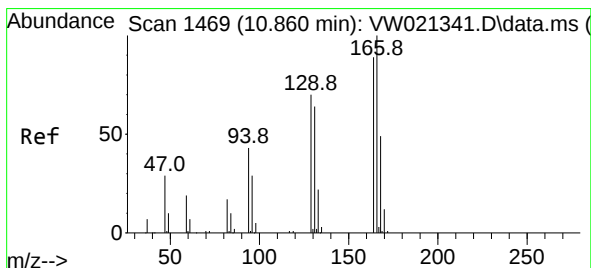
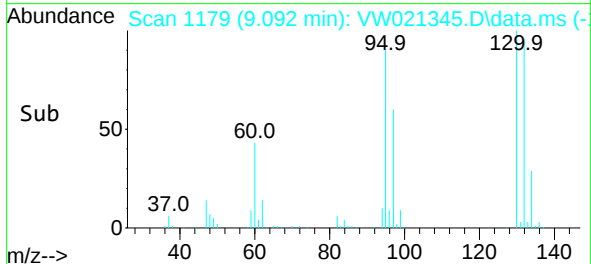
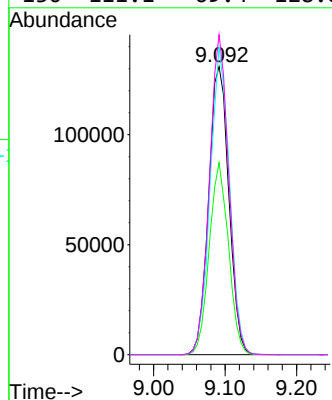
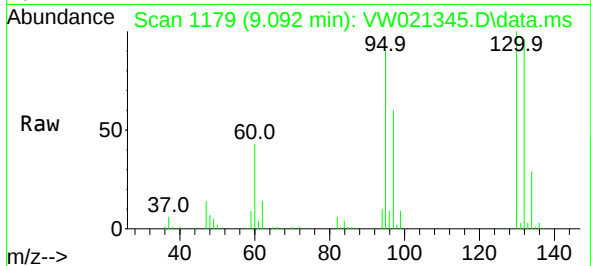




#34
 Trichloroethene
 Concen: 265.588 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW021345.D
 Acq: 12 Dec 2021 02:45

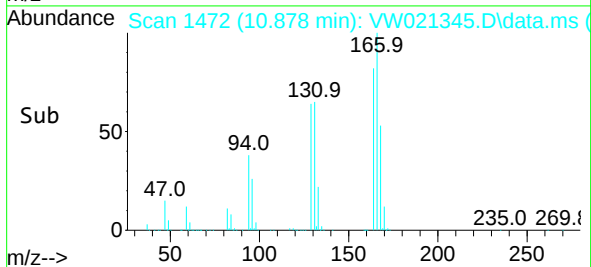
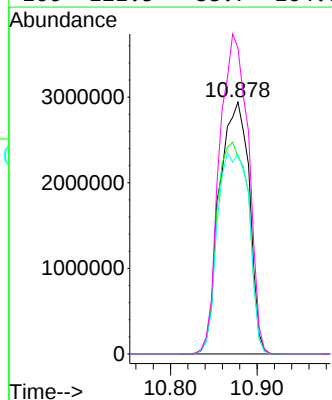
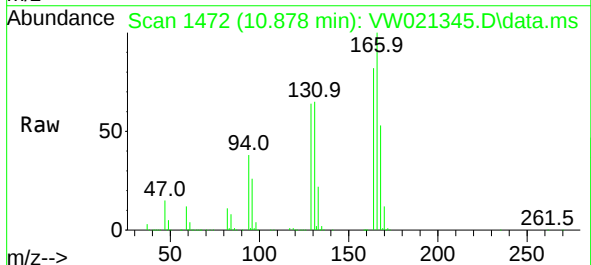
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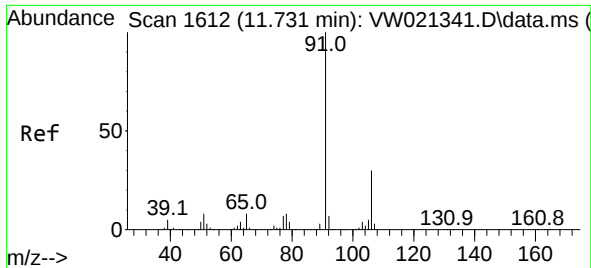
Tgt Ion: 95 Resp: 256512
 Ion Ratio Lower Upper
 95 100
 97 66.7 47.0 87.2
 132 106.8 65.5 121.6
 130 111.1 69.4 128.8



#46
 Tetrachloroethene
 Concen: 7629.857 ug/L
 RT: 10.878 min Scan# 1472
 Delta R.T. 0.018 min
 Lab File: VW021345.D
 Acq: 12 Dec 2021 02:45

Tgt Ion:164 Resp: 7000383
 Ion Ratio Lower Upper
 164 100
 129 78.1 65.5 121.7
 131 79.2 59.7 110.9
 166 121.5 88.7 164.7

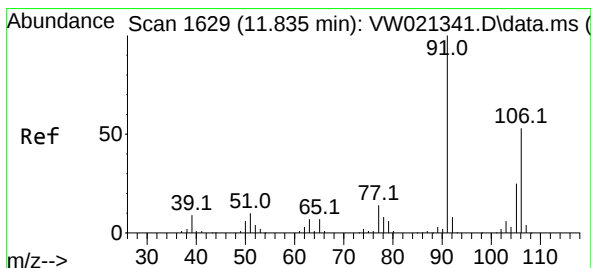
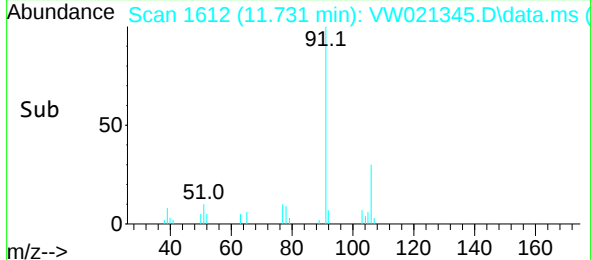
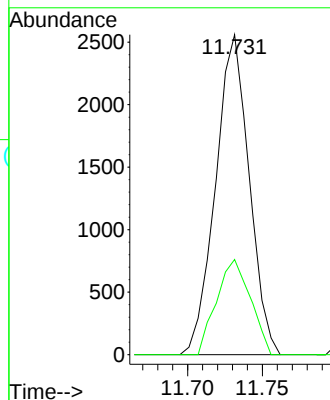
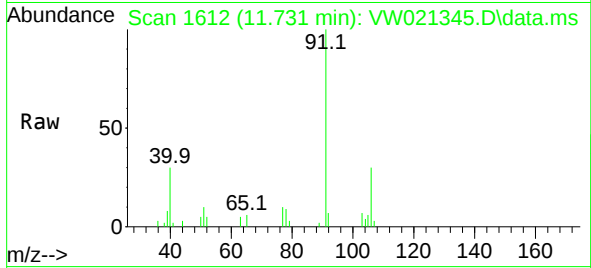




#52
Ethylbenzene
Concen: 0.870 ug/L
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021345.D
Acq: 12 Dec 2021 02:45

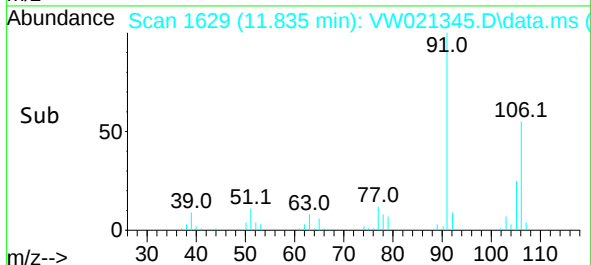
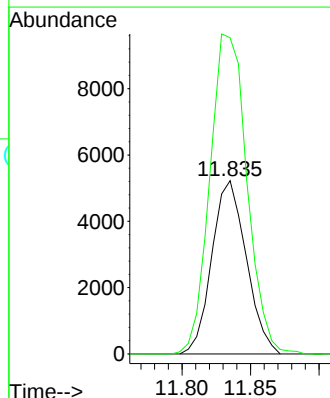
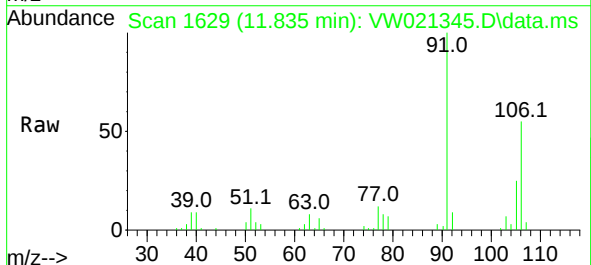
Instrument :
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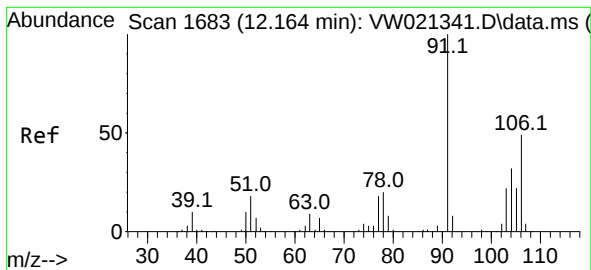
Tgt Ion: 91 Resp: 4002
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 4.927 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021345.D
Acq: 12 Dec 2021 02:45

Tgt Ion:106 Resp: 9140
Ion Ratio Lower Upper
106 100
91 182.4 149.9 278.3





#54

o-Xylene

Concen: 2.553 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021345.D

Acq: 12 Dec 2021 02:45

Instrument :

MSVOA_W

ClientSampleId :

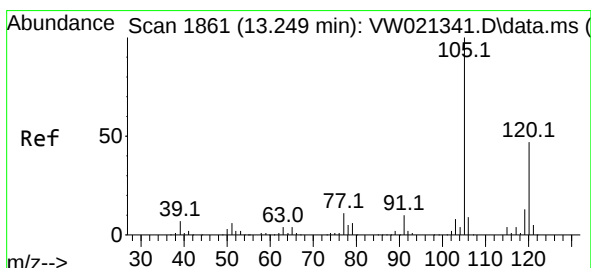
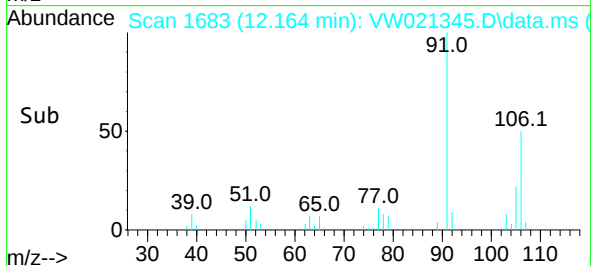
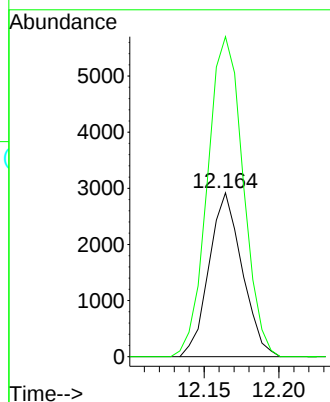
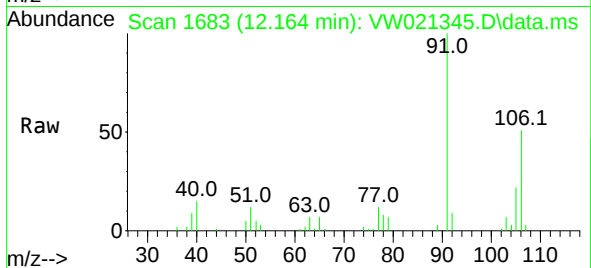
BGL19

Tgt Ion:106 Resp: 4494

Ion Ratio Lower Upper

106 100

91 195.3 153.6 285.3



#63

1,2,4-Trimethylbenzene

Concen: 1.055 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021345.D

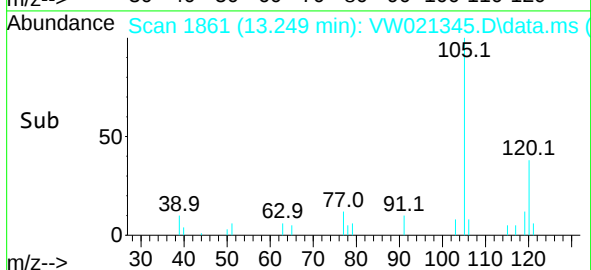
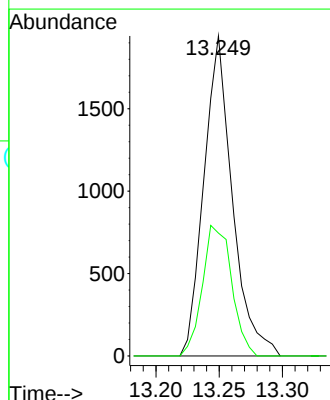
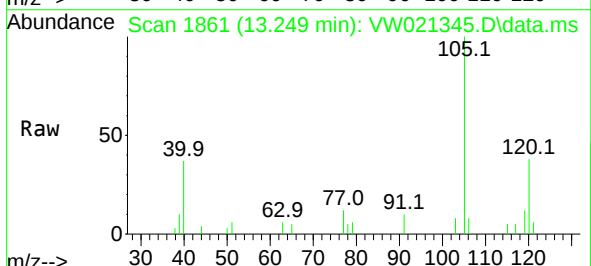
Acq: 12 Dec 2021 02:45

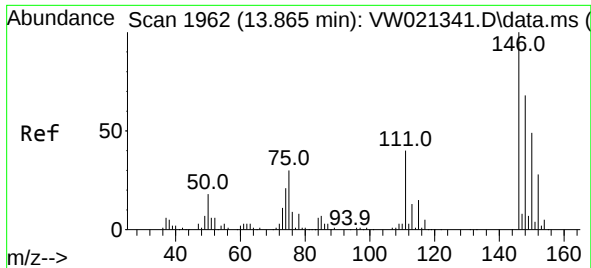
Tgt Ion:105 Resp: 3043

Ion Ratio Lower Upper

105 100

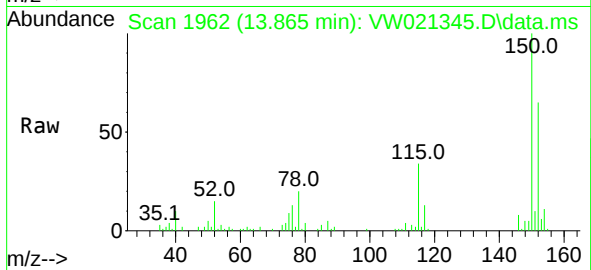
120 41.9 35.0 52.6





#67
 1,2-Dichlorobenzene
 Concen: 0.914 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VW021345.D
 Acq: 12 Dec 2021 02:45

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL19



Tgt Ion:146 Resp: 1305
 Ion Ratio Lower Upper
 146 100
 111 52.8 33.1 49.7#
 148 66.9 47.4 71.2

