

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021608.D
 Acq On : 23 Dec 2021 12:51
 Operator : SY/VA
 Sample : M5174-04
 Misc : 4.98g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC15

Quant Time: Dec 24 00:32:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

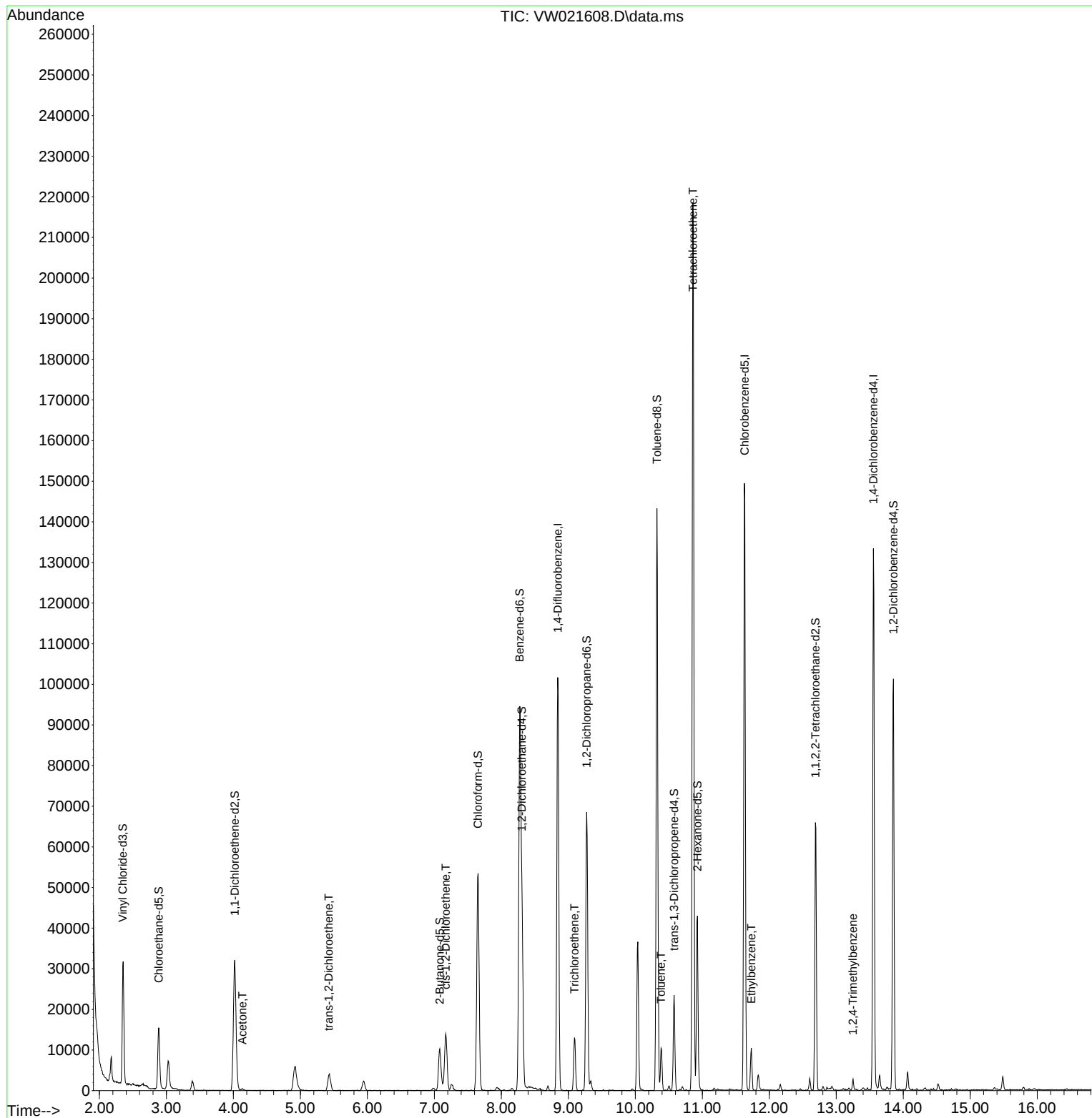
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	89341	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	84542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	34892	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24327	14.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.800%
7) Chloroethane-d5	2.885	69	17226	16.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.040%
11) 1,1-Dichloroethene-d2	4.019	63	29659	13.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.680%
21) 2-Butanone-d5	7.080	46	17492	76.264	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.520%#
24) Chloroform-d	7.653	84	54416	21.856	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	8.305	65	32985	24.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.275	84	96269	20.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.274	67	29384	23.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.323	98	92603	19.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.240%
43) trans-1,3-Dichloroprop...	10.579	79	12504	21.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.400%
47) 2-Hexanone-d5	10.927	63	14287	77.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.480%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30023	28.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	27057	20.009	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.040%
Target Compounds						Qvalue
13) Acetone	4.135	43	709	3.448	ug/L	80
17) trans-1,2-Dichloroethene	5.422	96	2391	1.994	ug/L #	71
20) cis-1,2-Dichloroethene	7.171	96	8487	6.711	ug/L	83
34) Trichloroethene	9.092	95	4283	3.313	ug/L	98
42) Toluene	10.384	91	7902	1.467	ug/L	98
46) Tetrachloroethene	10.860	164	50897	41.443	ug/L	94
52) Ethylbenzene	11.731	91	7406	1.203	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1741	0.437	ug/L	98

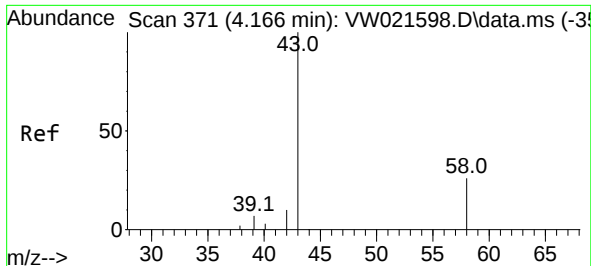
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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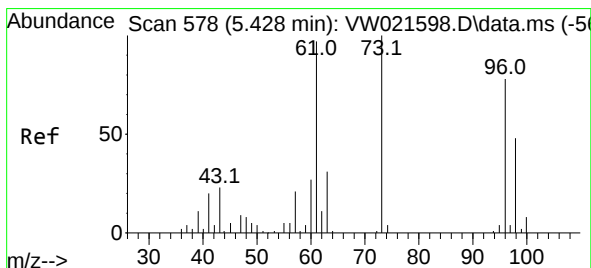
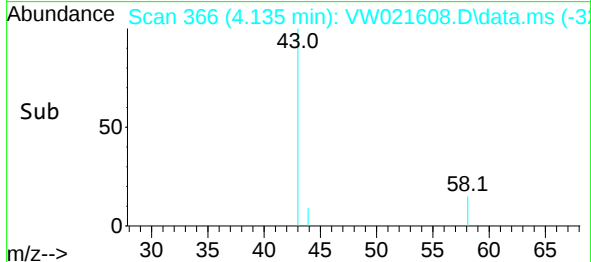
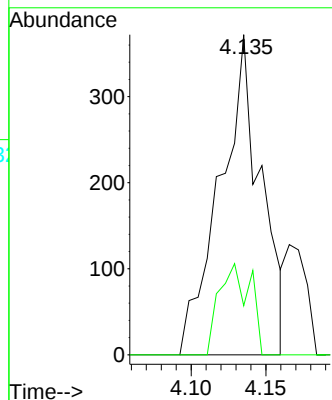
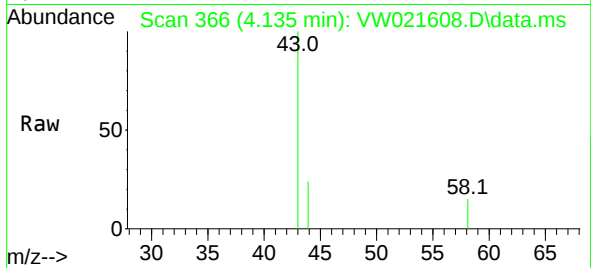




#13
Acetone
Concen: 3.448 ug/L
RT: 4.135 min Scan# 309
Delta R.T. -0.031 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

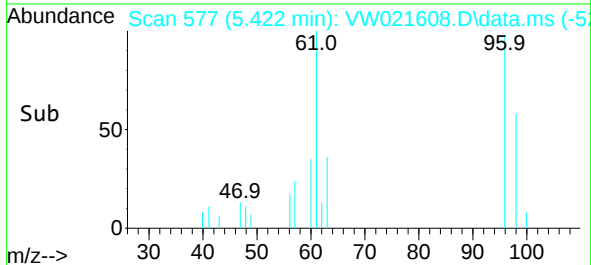
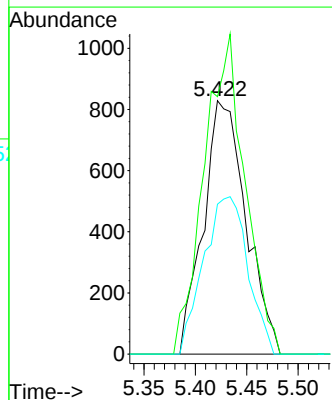
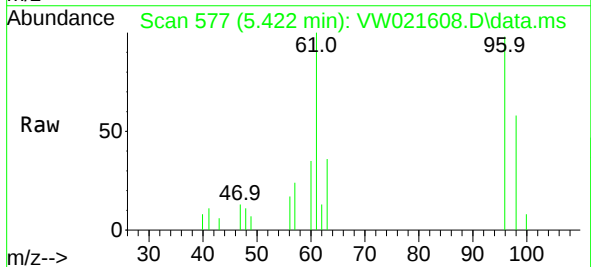
Instrument :
MSVOA_W
ClientSampleId :
GBC15

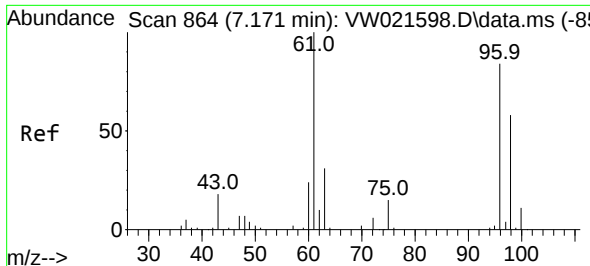
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 16.4 0.0 52.8



#17
trans-1,2-Dichloroethene
Concen: 1.994 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

Tgt Ion: 96 Resp: 2391
Ion Ratio Lower Upper
96 100
61 101.6 107.4 199.4#
98 59.1 41.2 76.6

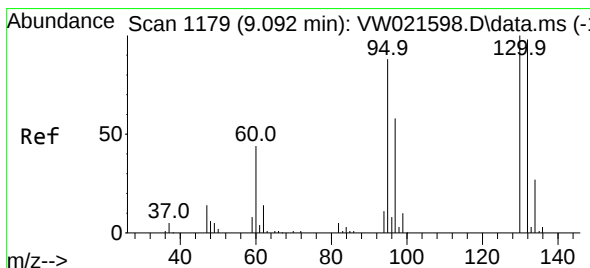
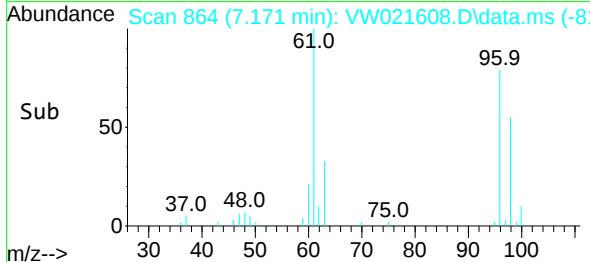
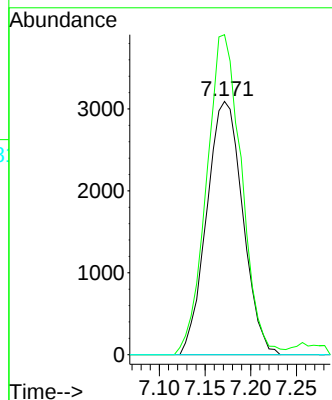
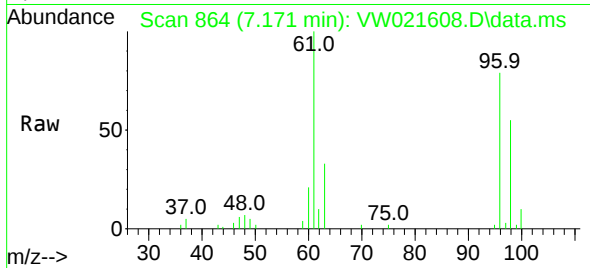




#20
cis-1,2-Dichloroethene
Concen: 6.711 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

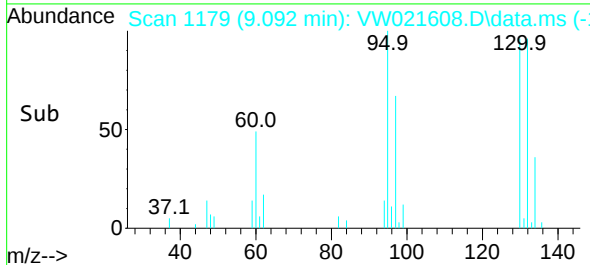
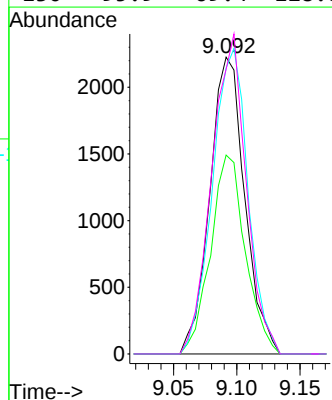
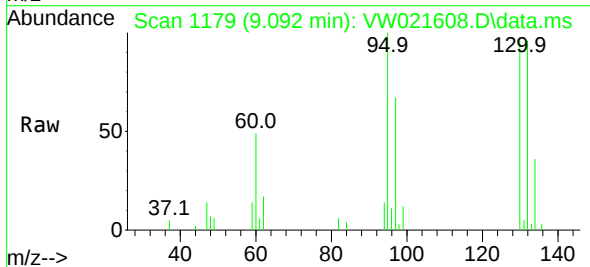
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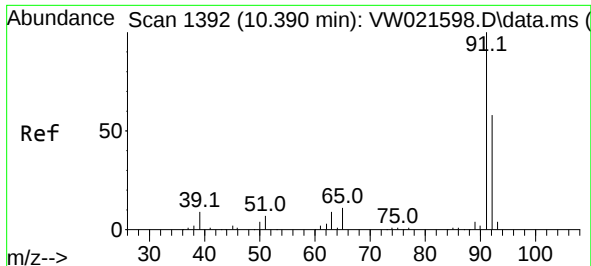
Tgt Ion: 96 Resp: 8487
Ion Ratio Lower Upper
96 100
61 126.3 103.7 192.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.313 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

Tgt Ion: 95 Resp: 4283
Ion Ratio Lower Upper
95 100
97 67.0 47.0 87.2
132 96.4 65.5 121.6
130 95.9 69.4 128.8

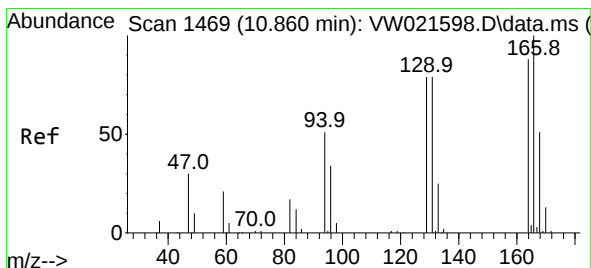
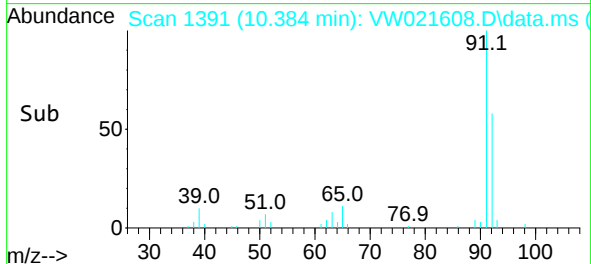
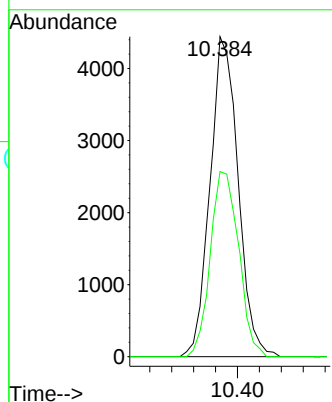
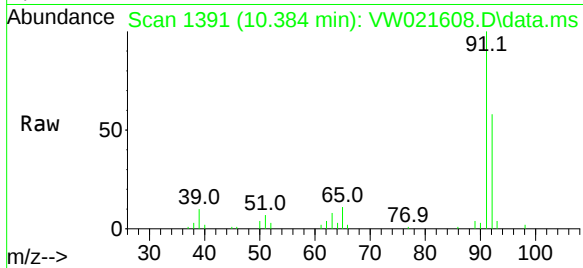




#42
Toluene
Concen: 1.467 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

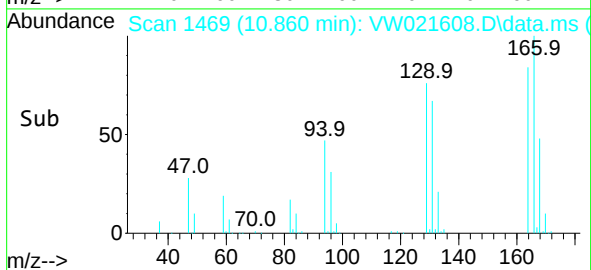
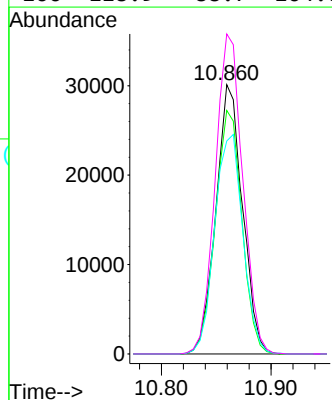
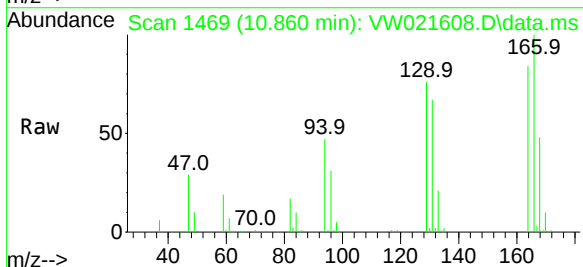
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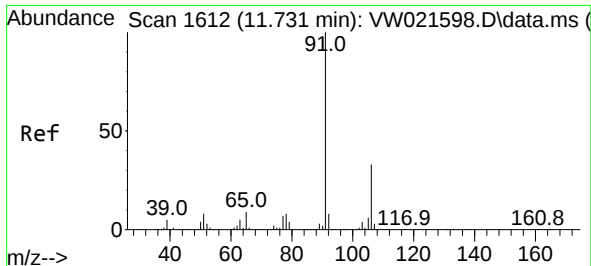
Tgt Ion: 91 Resp: 7902
Ion Ratio Lower Upper
91 100
92 57.9 41.7 77.5



#46
Tetrachloroethene
Concen: 41.443 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

Tgt Ion: 164 Resp: 50897
Ion Ratio Lower Upper
164 100
129 90.4 65.5 121.7
131 79.1 59.7 110.9
166 118.9 88.7 164.7





#52

Ethylbenzene

Concen: 1.203 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021608.D

Acq: 23 Dec 2021 12:51

Instrument :

MSVOA_W

ClientSampleId :

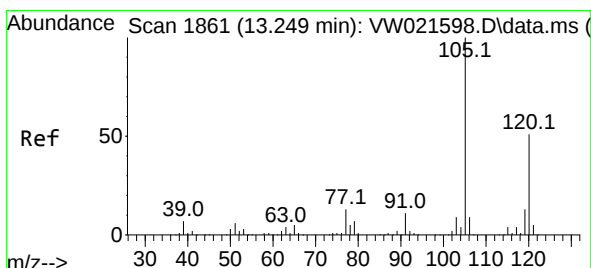
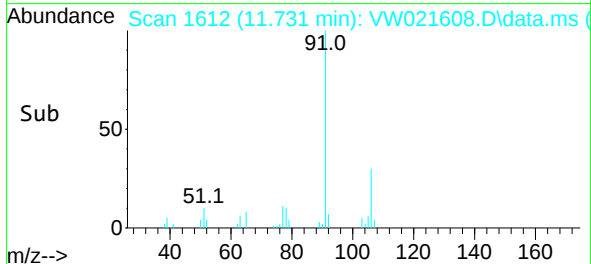
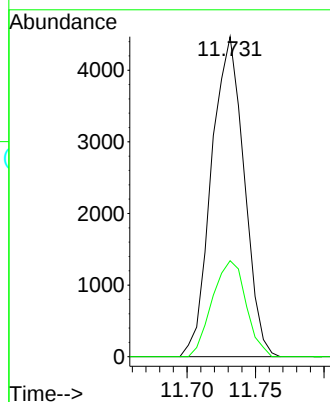
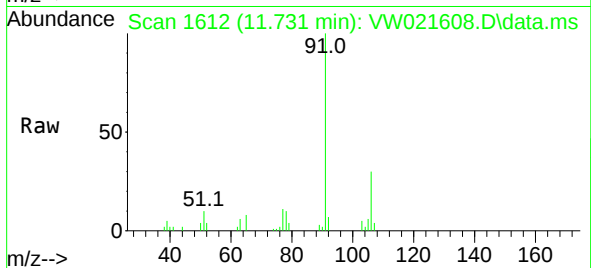
GBC15

Tgt Ion: 91 Resp: 7406

Ion Ratio Lower Upper

91 100

106 30.0 21.5 39.9



#63

1,2,4-Trimethylbenzene

Concen: 0.437 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021608.D

Acq: 23 Dec 2021 12:51

Tgt Ion: 105 Resp: 1741

Ion Ratio Lower Upper

105 100

120 45.0 35.0 52.6

