

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011222\
 Data File : VW021868.D
 Acq On : 12 Jan 2022 16:05
 Operator : SY/VA
 Sample : N1114-08
 Misc : 6.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLQ0

Quant Time: Jan 12 23:51:51 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)

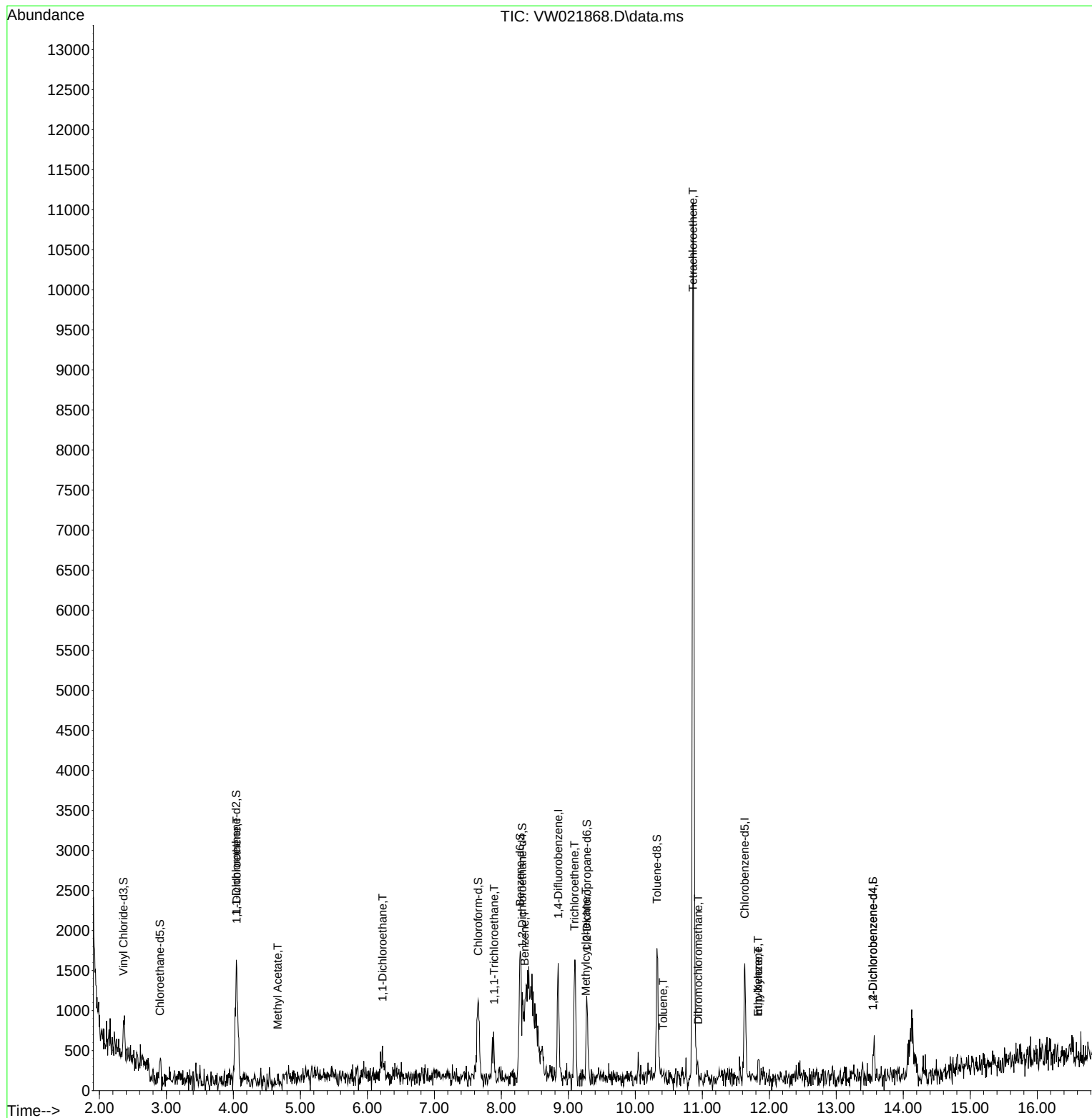
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	1440	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	1125	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.548	152	66	25.000	ug/L	#-0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	292	10.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.640%
7) Chloroethane-d5	2.904	69	405	16.757	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.040%
11) 1,1-Dichloroethene-d2	4.044	63	995	23.548	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.200%
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	7.653	84	631	13.564	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	54.240%
26) 1,2-Dichloroethane-d4	8.311	65	201	8.947	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	35.800%#
32) Benzene-d6	8.281	84	1945	26.644	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.560%
36) 1,2-Dichloropropane-d6	9.274	67	578	30.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.160%#
41) Toluene-d8	10.323	98	1442	19.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.000%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.000%#
66) 1,2-Dichlorobenzene-d4	13.548	152	66	24.320	ug/L	-0.30
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.280%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	303	14.097	ug/L	77
15) Methyl Acetate	4.659	43	42	6.658	ug/L #	56
19) 1,1-Dichloroethane	6.226	63	470	13.799	ug/L #	67
30) 1,1,1-Trichloroethane	7.891	97	238	8.162	ug/L #	57
33) Benzene	8.348	78	732	10.611	ug/L	100
34) Trichloroethene	9.092	95	312	15.589	ug/L	81
35) Methylcyclohexane	9.262	83	53	1.610	ug/L #	14
42) Toluene	10.415	91	95	1.228	ug/L #	21
46) Tetrachloroethene	10.860	164	2819	142.441	ug/L	86
49) Dibromochloromethane	10.939	129	80	4.976	ug/L #	10
52) Ethylbenzene	11.829	91	148	1.722	ug/L #	44
53) m,p-Xylene	11.835	106	50	1.391	ug/L #	57

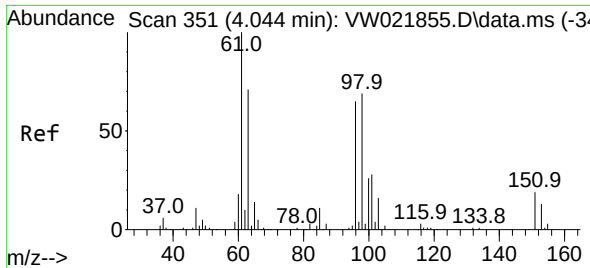
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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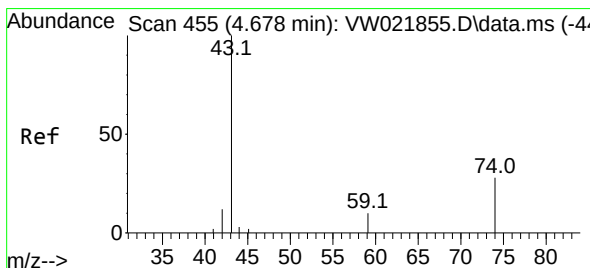
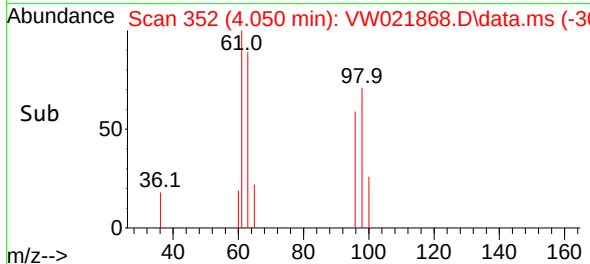
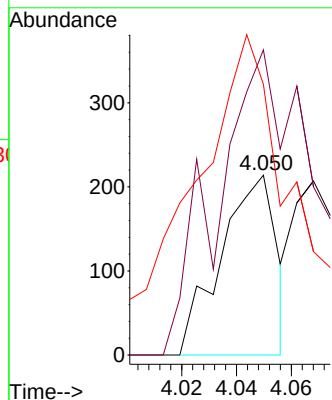
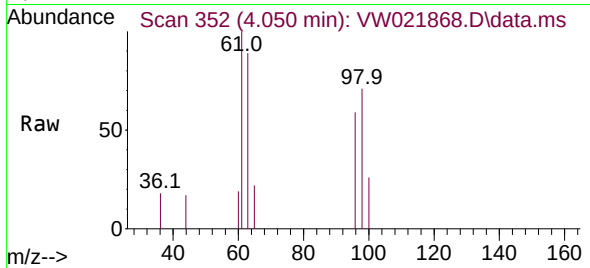




#12
1,1-Dichloroethene
Concen: 14.097 ug/L
RT: 4.050 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW021868.D
Acq: 12 Jan 2022 16:05

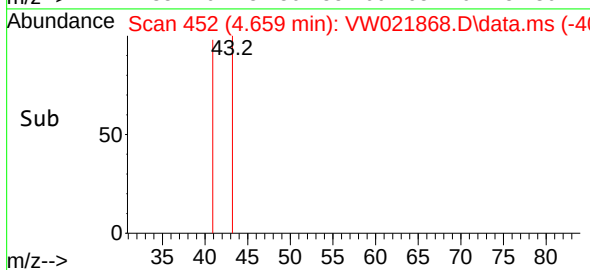
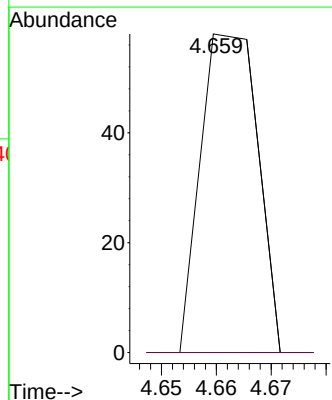
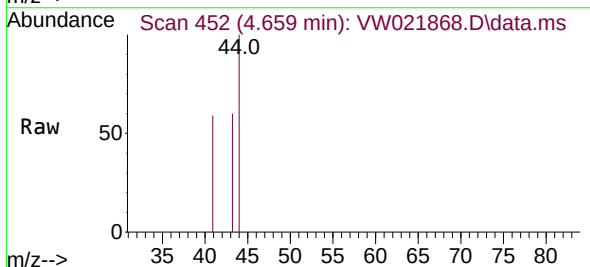
Instrument :
MSVOA_W
ClientSampleId :
BGLQ0

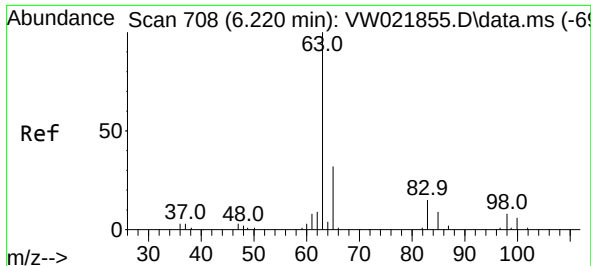
Tgt Ion: 96 Resp: 303
Ion Ratio Lower Upper
96 100
61 169.6 138.3 256.9
63 150.5 82.6 153.4



#15
Methyl Acetate
Concen: 6.658 ug/L
RT: 4.659 min Scan# 452
Delta R.T. -0.018 min
Lab File: VW021868.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#





#19

1,1-Dichloroethane

Concen: 13.799 ug/L

RT: 6.226 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021868.D

Acq: 12 Jan 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

BGLQ0

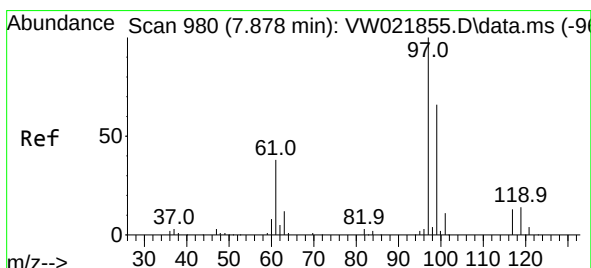
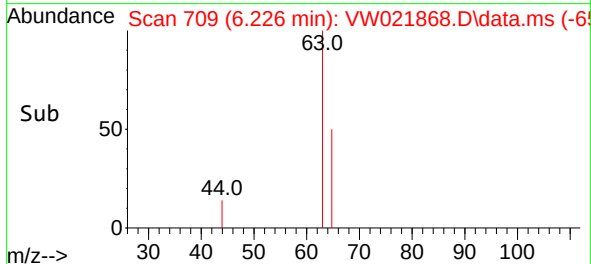
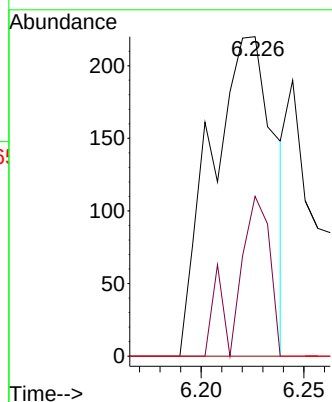
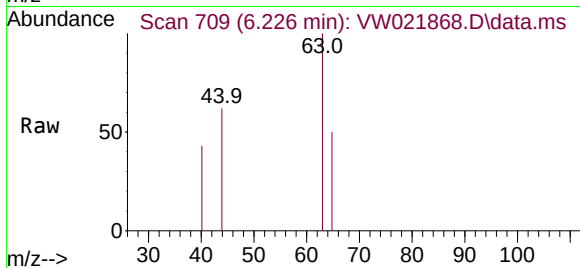
Tgt Ion: 63 Resp: 470

Ion Ratio Lower Upper

63 100

65 50.0 22.1 41.1#

83 0.0 9.2 17.2#



#30

1,1,1-Trichloroethane

Concen: 8.162 ug/L

RT: 7.891 min Scan# 982

Delta R.T. 0.012 min

Lab File: VW021868.D

Acq: 12 Jan 2022 16:05

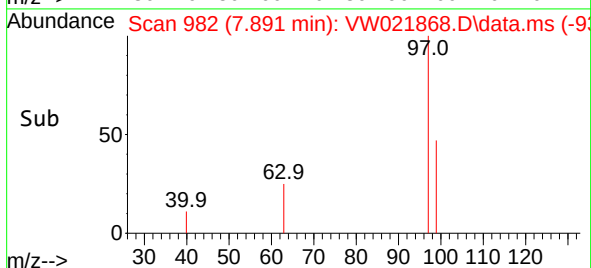
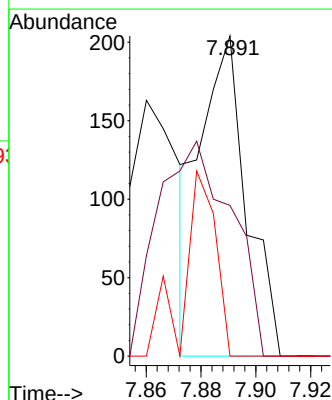
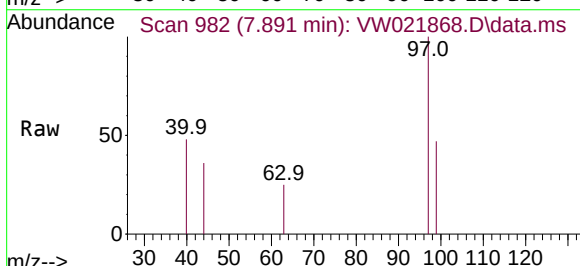
Tgt Ion: 97 Resp: 238

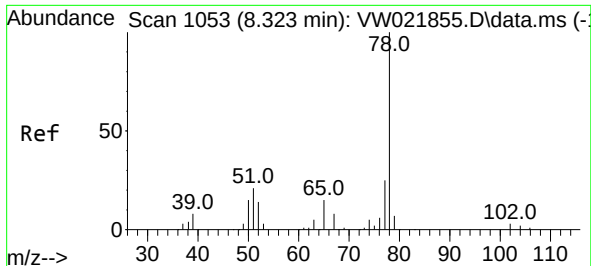
Ion Ratio Lower Upper

97 100

99 108.0 51.6 77.4#

61 31.9 40.9 61.3#





#33

Benzene

Concen: 10.611 ug/L

RT: 8.348 min Scan# 1057

Delta R.T. 0.024 min

Lab File: VW021868.D

Acq: 12 Jan 2022 16:05

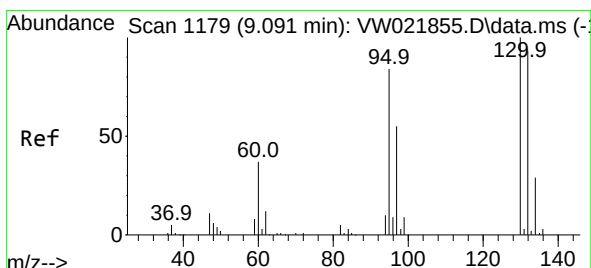
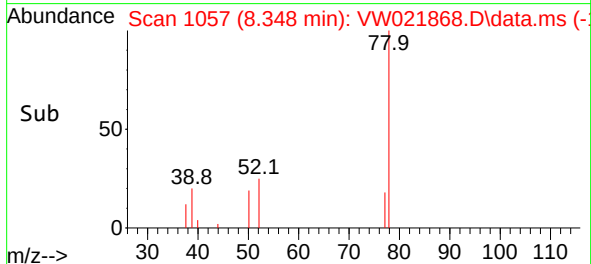
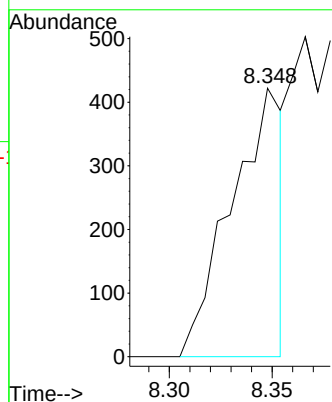
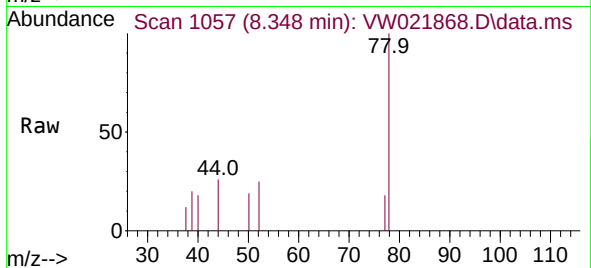
Instrument :

MSVOA_W

ClientSampleId :

BGLQ0

Tgt Ion: 78 Resp: 732



#34

Trichloroethene

Concen: 15.589 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021868.D

Acq: 12 Jan 2022 16:05

Tgt Ion: 95 Resp: 312

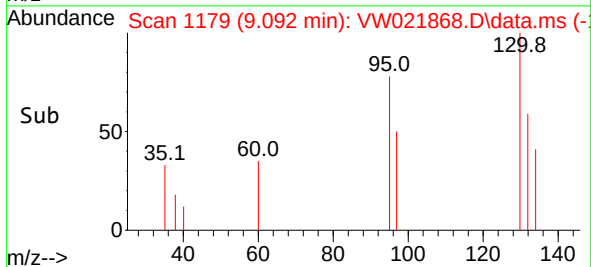
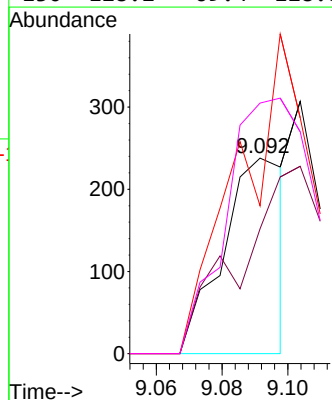
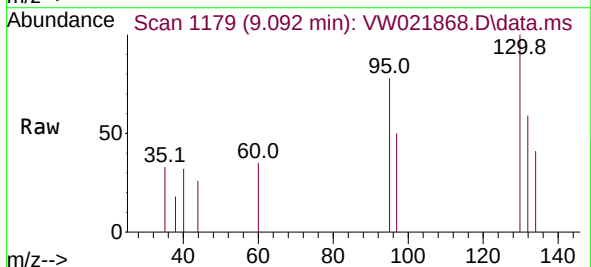
Ion Ratio Lower Upper

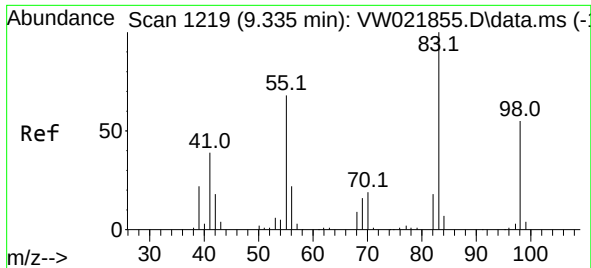
95 100

97 63.9 47.0 87.2

132 75.6 65.5 121.6

130 128.2 69.4 128.8

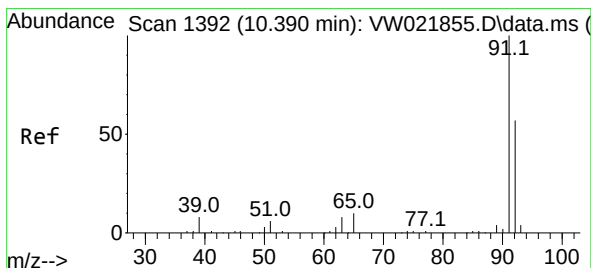
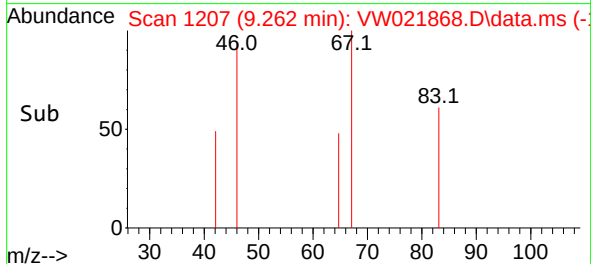
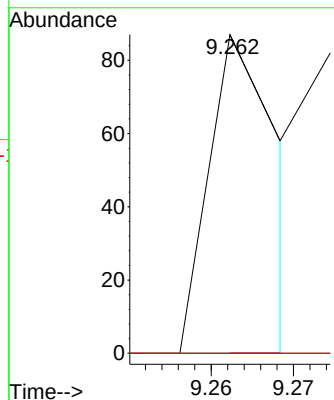
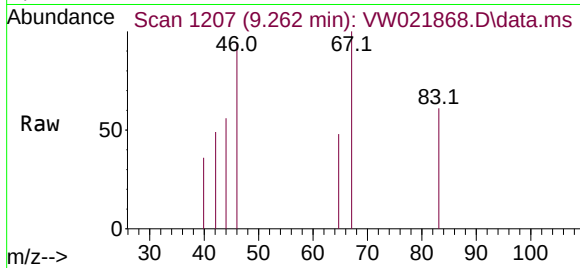




#35
Methylcyclohexane
Concen: 1.610 ug/L
RT: 9.262 min Scan# 11
Delta R.T. -0.073 min
Lab File: VW021868.D
Acq: 12 Jan 2022 16:05

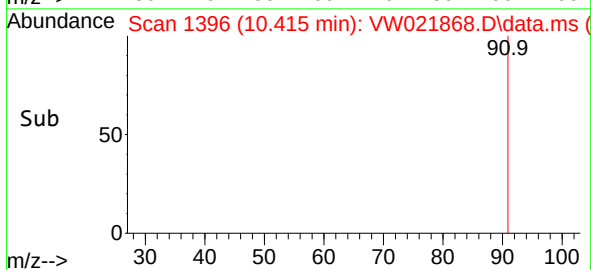
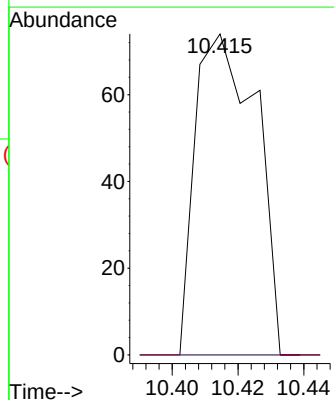
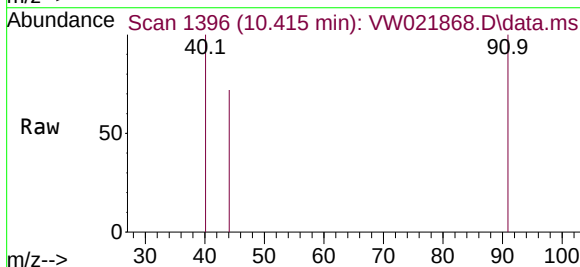
Instrument :
MSVOA_W
ClientSampleId :
BGLQ0

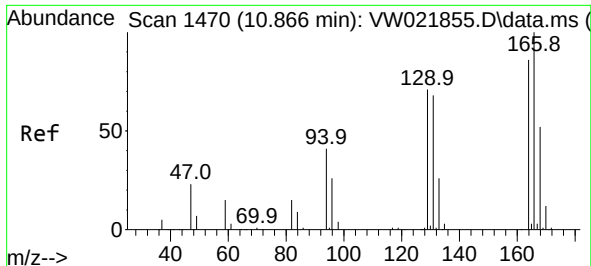
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.0 37.7 56.5#



#42
Toluene
Concen: 1.228 ug/L
RT: 10.415 min Scan# 1396
Delta R.T. 0.024 min
Lab File: VW021868.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
92 0.0 41.7 77.5#



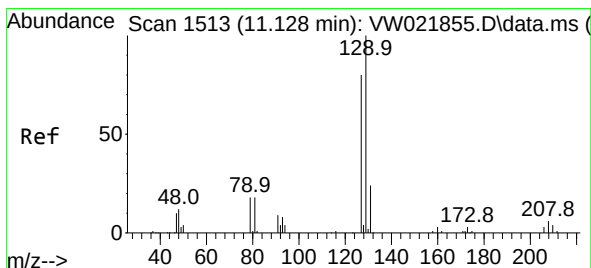
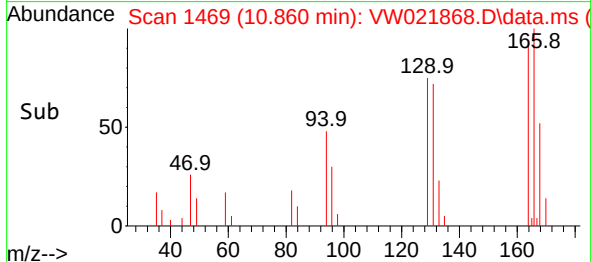
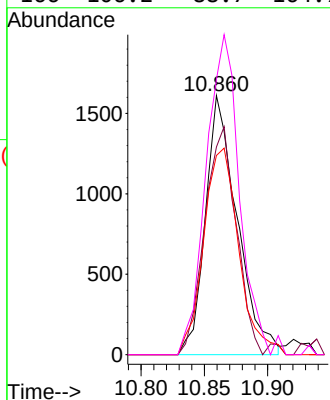
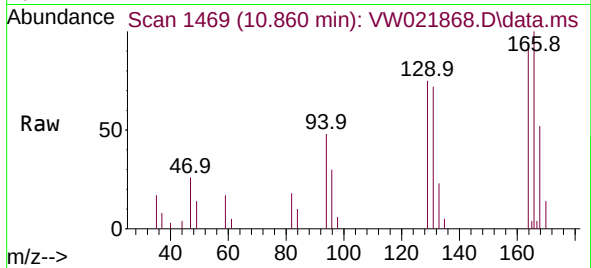


#46
Tetrachloroethene
Concen: 142.441 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021868.D
Acq: 12 Jan 2022 16:05

Instrument :
MSVOA_W
ClientSampleId :
BGLQ0

Tgt Ion:164 Resp: 2819

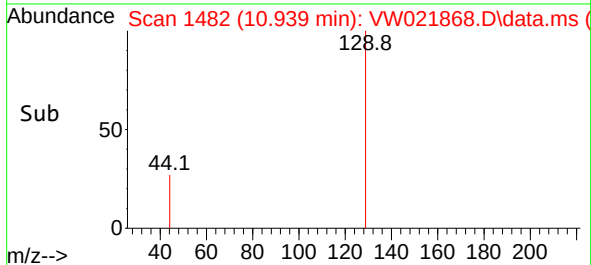
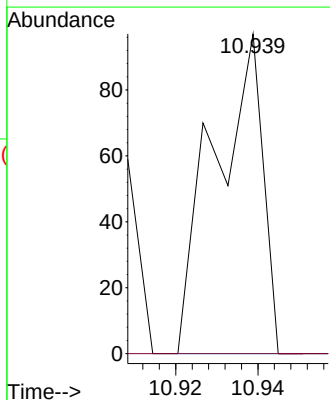
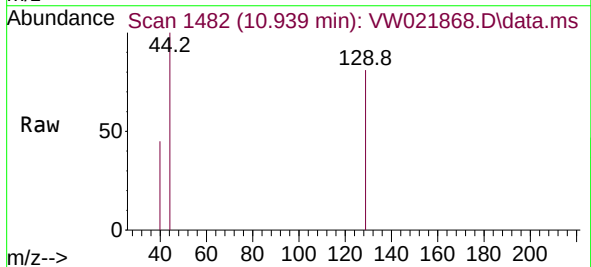
Ion	Ratio	Lower	Upper
164	100		
129	80.1	65.5	121.7
131	76.9	59.7	110.9
166	106.2	88.7	164.7

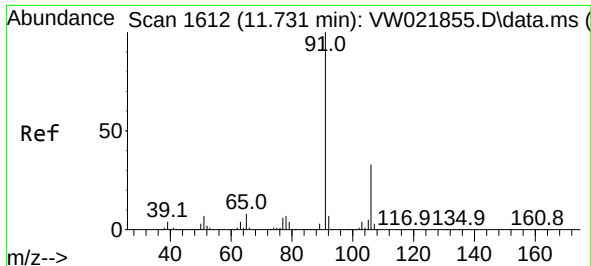


#49
Dibromochloromethane
Concen: 4.976 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.189 min
Lab File: VW021868.D
Acq: 12 Jan 2022 16:05

Tgt Ion:129 Resp: 80

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#52

Ethylbenzene

Concen: 1.722 ug/L

RT: 11.829 min Scan# 1

Delta R.T. 0.098 min

Lab File: VW021868.D

Acq: 12 Jan 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

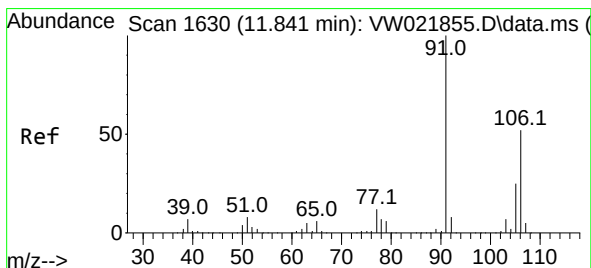
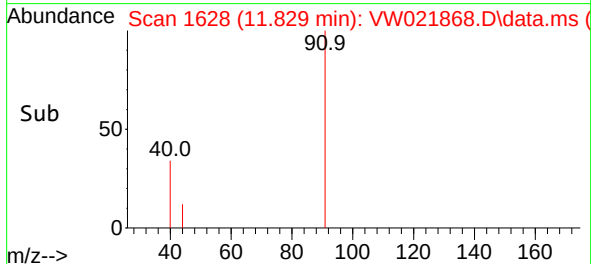
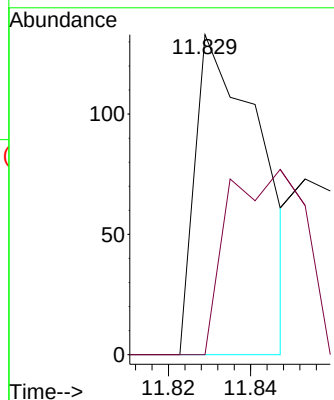
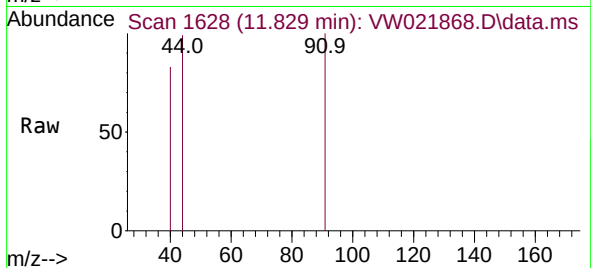
BGLQ0

Tgt Ion: 91 Resp: 148

Ion Ratio Lower Upper

91 100

106 0.0 21.5 39.9#



#53

m,p-Xylene

Concen: 1.391 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021868.D

Acq: 12 Jan 2022 16:05

Tgt Ion:106 Resp: 50

Ion Ratio Lower Upper

106 100

91 146.6 149.9 278.3#

