

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021329.D
 Acq On : 11 Dec 2021 16:05
 Operator : SY/VA
 Sample : M5062-06
 Misc : 6.73g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL05

Quant Time: Dec 12 08:08:27 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)

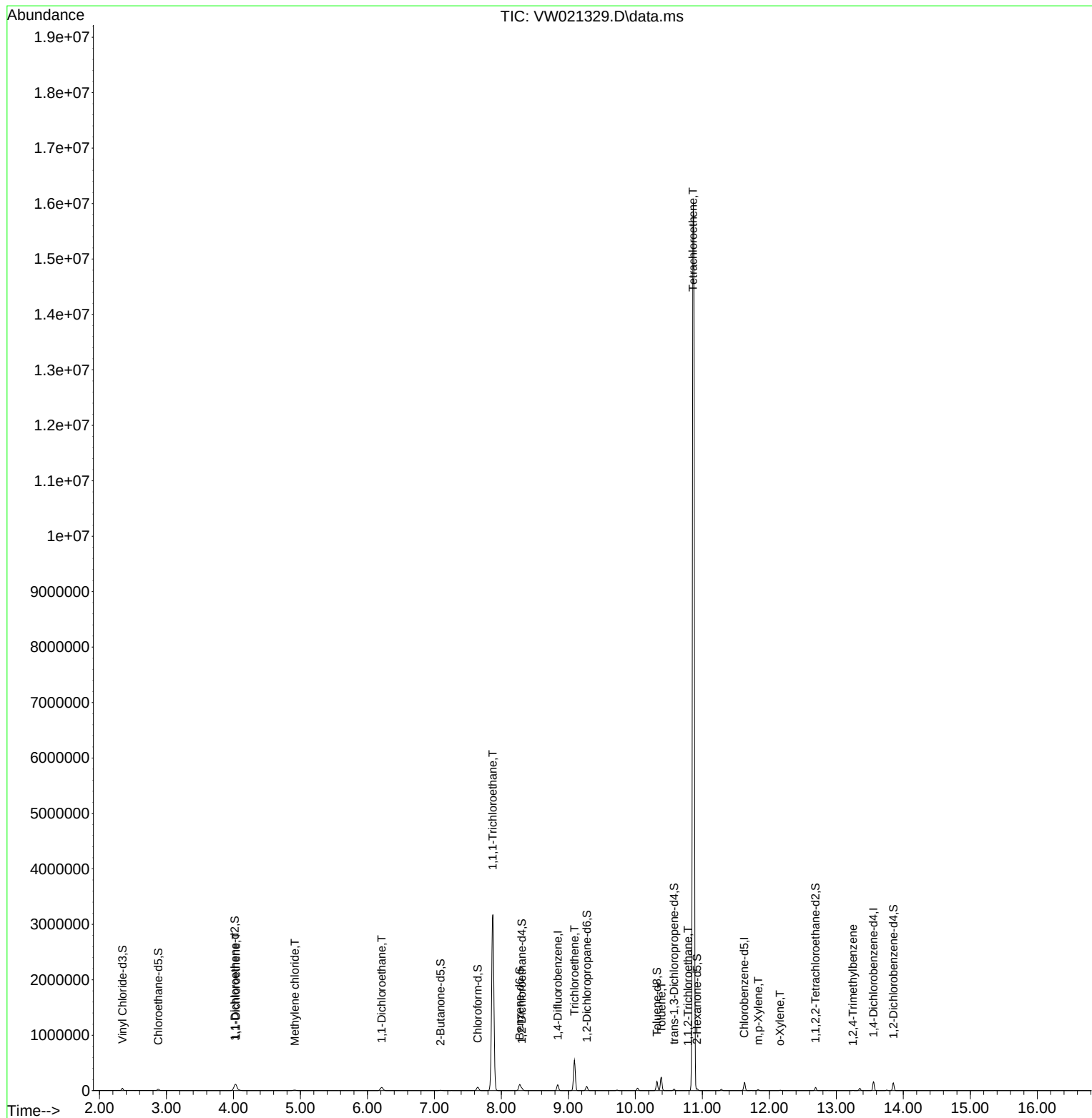
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	87384	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	83326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	38978	24.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.960%
7) Chloroethane-d5	2.879	69	28553	27.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.560%
11) 1,1-Dichloroethene-d2	4.019	63	65769	30.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	124.000%#
21) 2-Butanone-d5	7.092	46	12016	53.562	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.120%
24) Chloroform-d	7.646	84	61180	25.123	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	8.305	65	30969	23.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	8.274	84	111588	24.431	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.720%
36) 1,2-Dichloropropane-d6	9.274	67	32757	26.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.960%
41) Toluene-d8	10.323	98	111617	23.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.680%
43) trans-1,3-Dichloroprop...	10.579	79	14556	25.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.240%
47) 2-Hexanone-d5	10.920	63	10148	56.025	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26678	25.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	38223	22.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.037	96	62159	57.387	ug/L	# 64
16) Methylene chloride	4.915	84	8691	6.019	ug/L	83
19) 1,1-Dichloroethane	6.214	63	78610	42.715	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	2473810	1323.178	ug/L	94
34) Trichloroethene	9.091	95	175869	138.021	ug/L	93
42) Toluene	10.390	91	177576	33.449	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	601	0.725	ug/L	86
46) Tetrachloroethene	10.859	164	4409378	3642.727	ug/L	92
53) m,p-Xylene	11.835	106	5901	2.411	ug/L	83
54) o-Xylene	12.158	106	1919	0.826	ug/L	76
63) 1,2,4-Trimethylbenzene	13.249	105	3002	0.604	ug/L	100

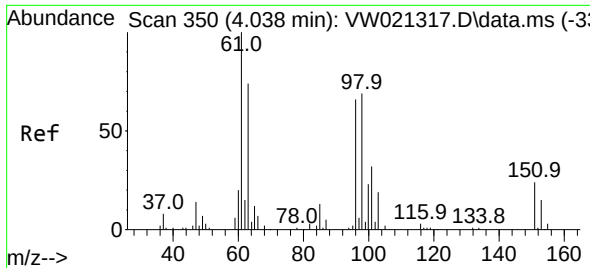
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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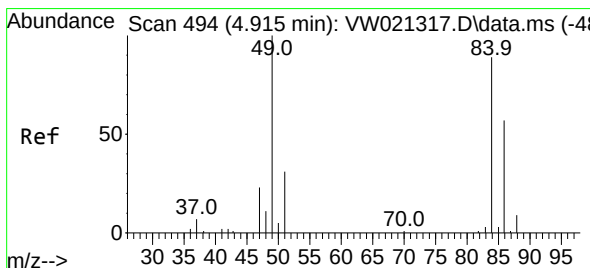
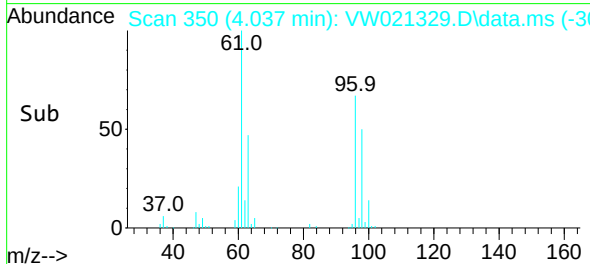
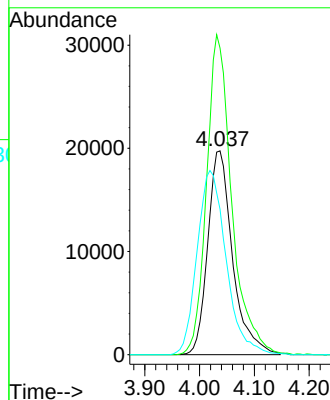
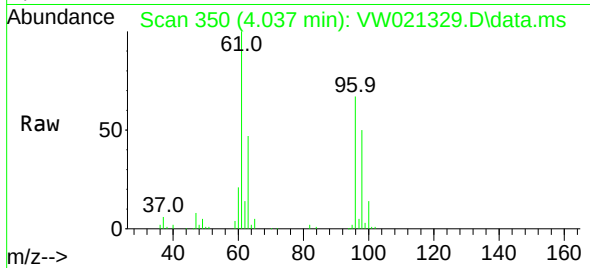




#12
1,1-Dichloroethene
Concen: 57.387 ug/L
RT: 4.037 min Scan# 31
Delta R.T. -0.007 min
Lab File: VW021329.D
Acq: 11 Dec 2021 16:05

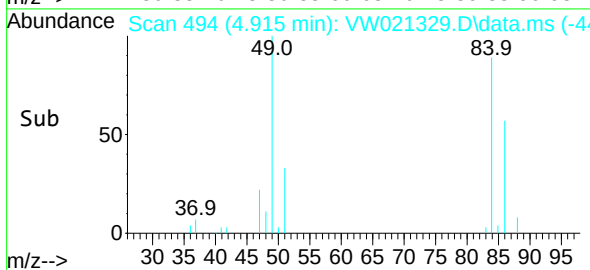
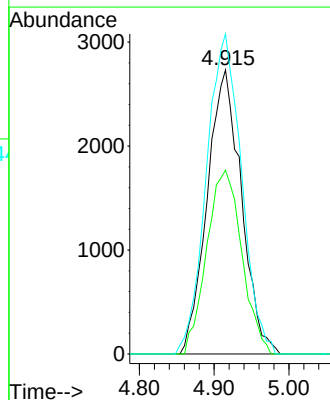
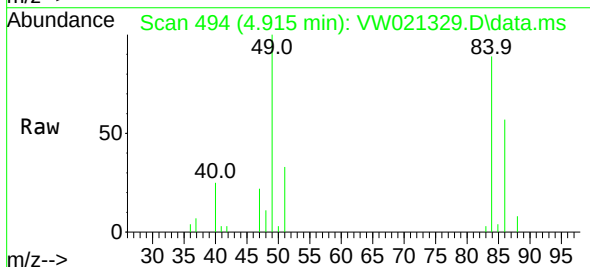
Instrument :
MSVOA_W
ClientSampleId :
BGL05

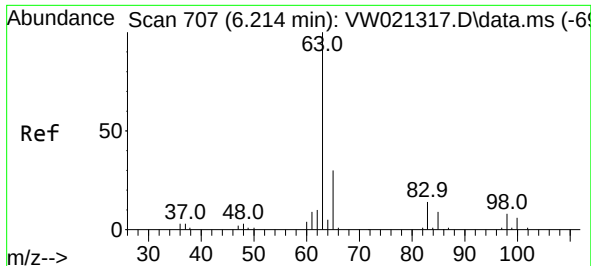
Tgt Ion: 96 Resp: 62159
Ion Ratio Lower Upper
96 100
61 150.4 138.3 256.9
63 71.3 82.6 153.4#



#16
Methylene chloride
Concen: 6.019 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021329.D
Acq: 11 Dec 2021 16:05

Tgt Ion: 84 Resp: 8691
Ion Ratio Lower Upper
84 100
86 64.8 45.5 84.5
49 112.7 100.5 186.7





#19

1,1-Dichloroethane

Concen: 42.715 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021329.D

Acq: 11 Dec 2021 16:05

Instrument :

MSVOA_W

ClientSampleId :

BGL05

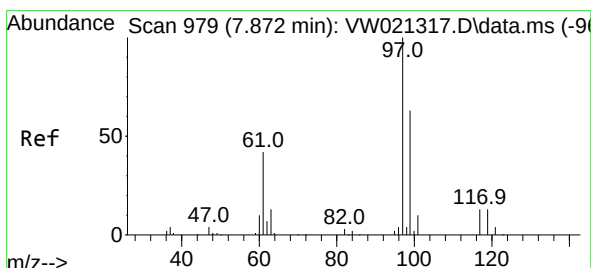
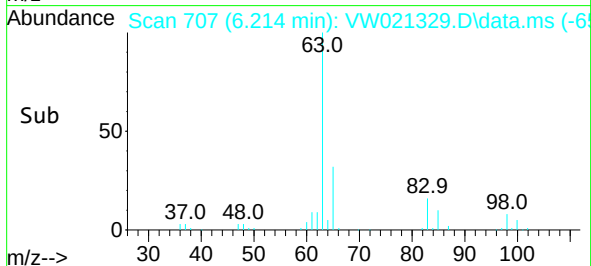
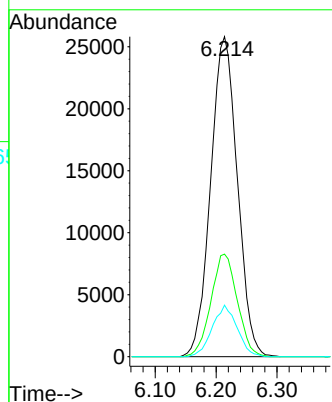
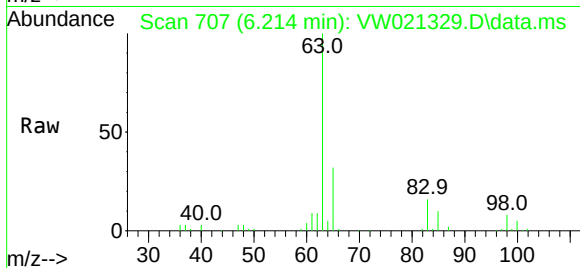
Tgt Ion: 63 Resp: 78610

Ion Ratio Lower Upper

63 100

65 32.0 22.1 41.1

83 16.1 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 1323.178 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021329.D

Acq: 11 Dec 2021 16:05

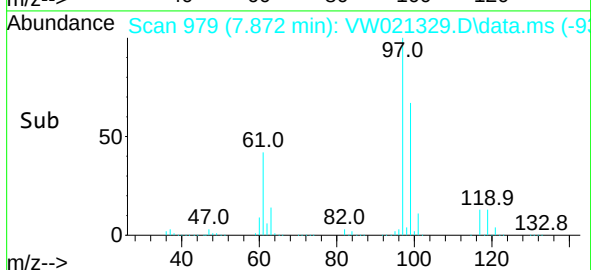
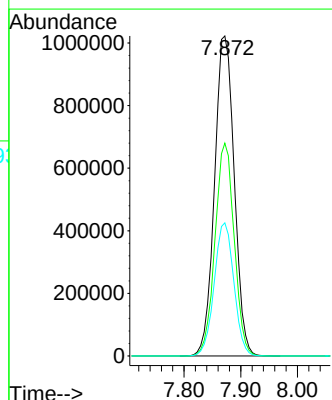
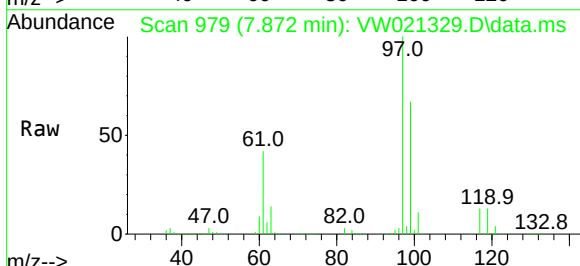
Tgt Ion: 97 Resp: 2473810

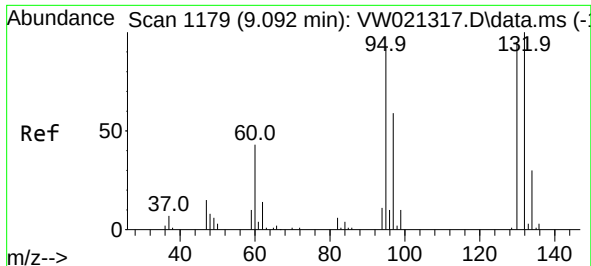
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 41.4 40.9 61.3



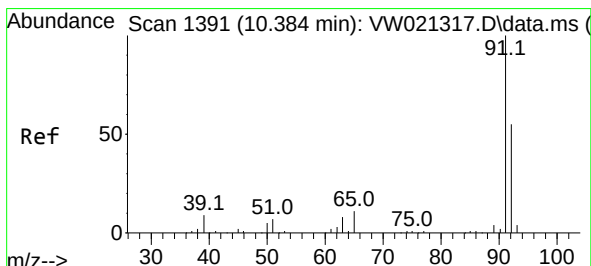
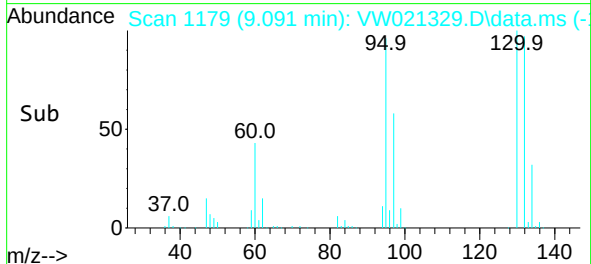
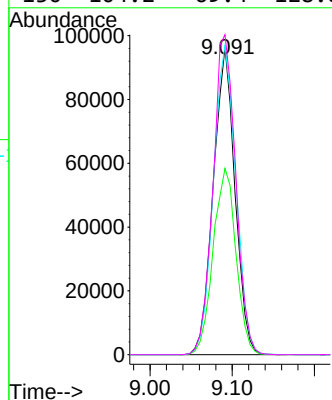
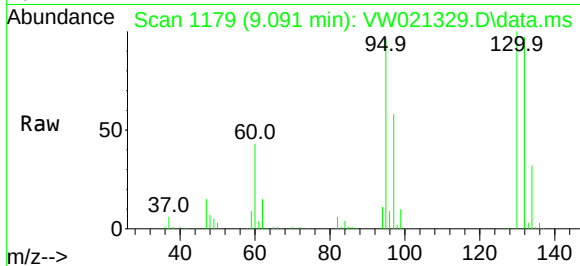


#34
 Trichloroethene
 Concen: 138.021 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW021329.D
 Acq: 11 Dec 2021 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL05

Tgt Ion: 95 Resp: 175869

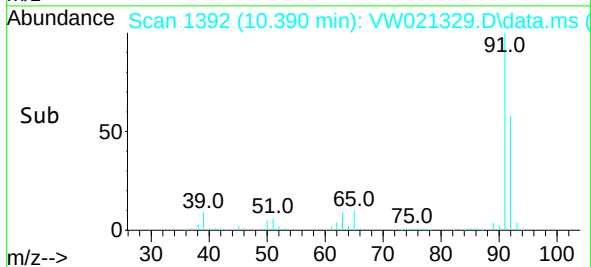
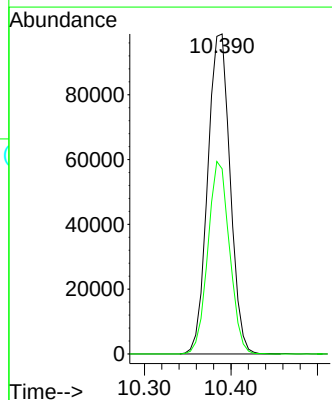
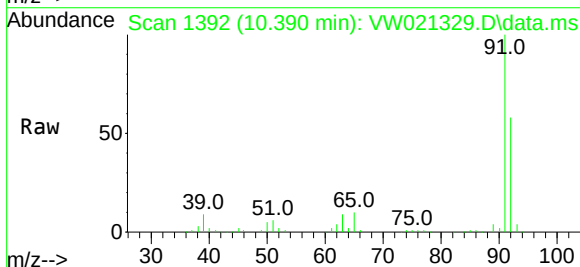
Ion	Ratio	Lower	Upper
95	100		
97	60.7	47.0	87.2
132	100.6	65.5	121.6
130	104.2	69.4	128.8

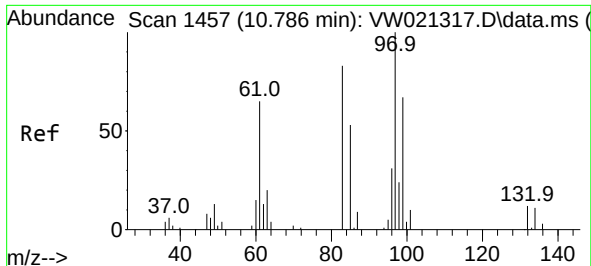


#42
 Toluene
 Concen: 33.449 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VW021329.D
 Acq: 11 Dec 2021 16:05

Tgt Ion: 91 Resp: 177576

Ion	Ratio	Lower	Upper
91	100		
92	57.9	41.7	77.5



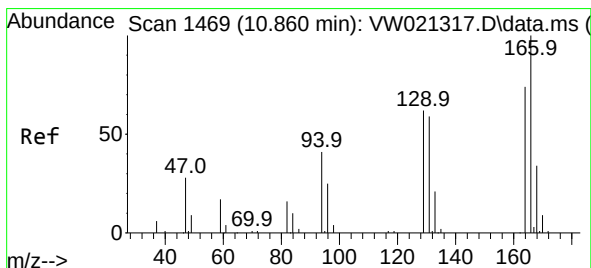
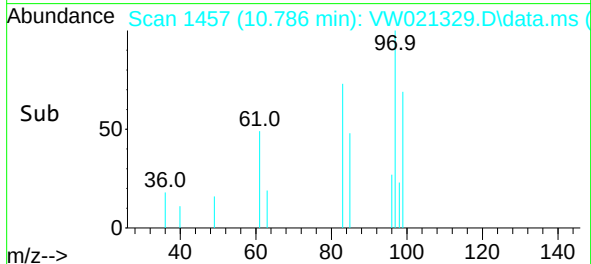
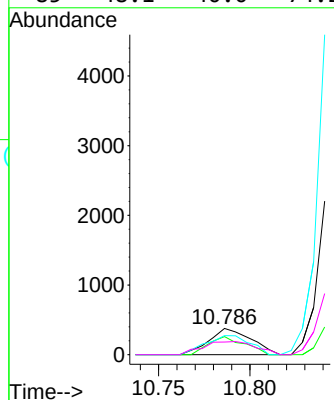
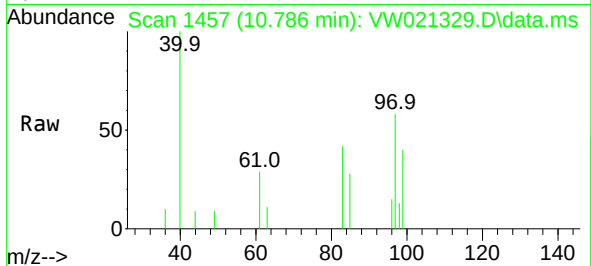


#45
1,1,2-Trichloroethane
Concen: 0.725 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021329.D
Acq: 11 Dec 2021 16:05

Instrument :
MSVOA_W
ClientSampleId :
BGL05

Tgt Ion: 97 Resp: 601

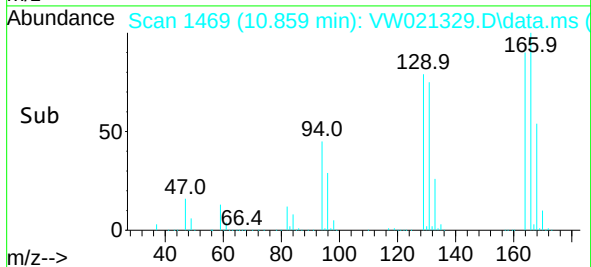
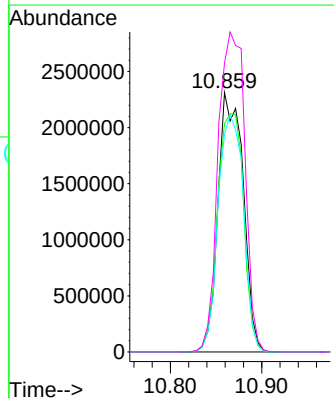
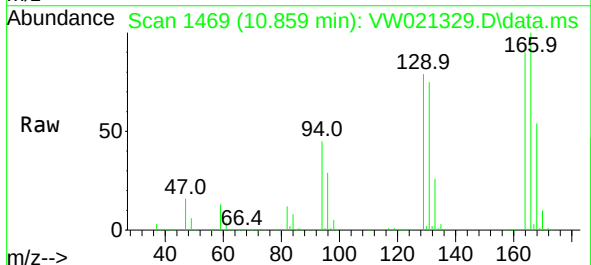
Ion	Ratio	Lower	Upper
97	100		
99	69.1	43.0	79.8
83	72.9	62.6	116.3
85	48.1	40.0	74.2

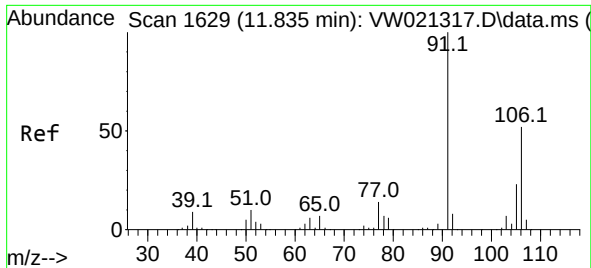


#46
Tetrachloroethene
Concen: 3642.727 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021329.D
Acq: 11 Dec 2021 16:05

Tgt Ion:164 Resp: 4409378

Ion	Ratio	Lower	Upper
164	100		
129	88.1	65.5	121.7
131	84.0	59.7	110.9
166	111.3	88.7	164.7

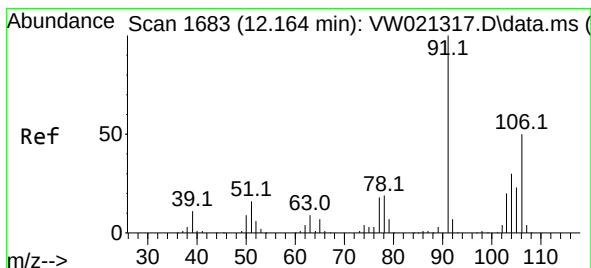
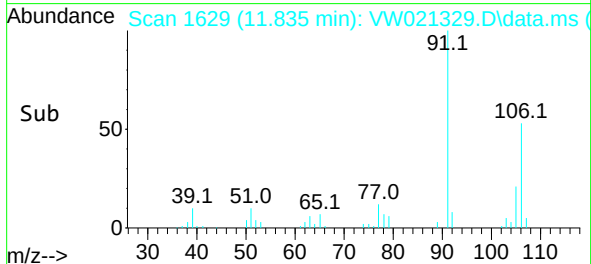
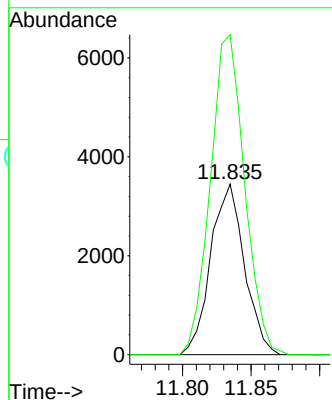
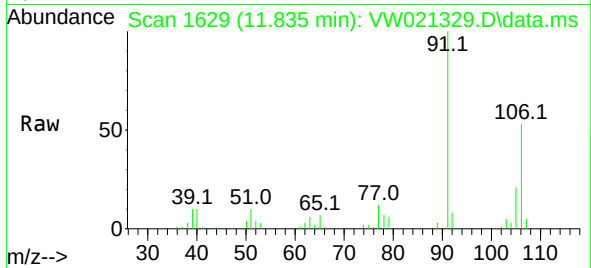




#53
m,p-Xylene
Concen: 2.411 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VW021329.D
Acq: 11 Dec 2021 16:05

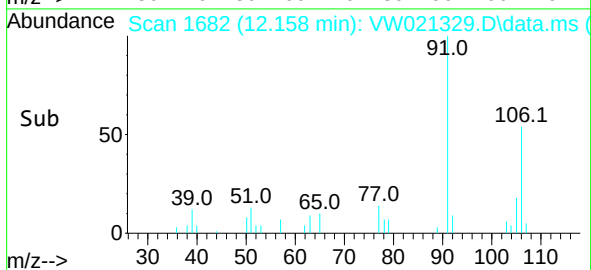
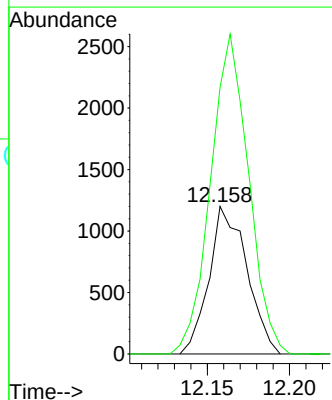
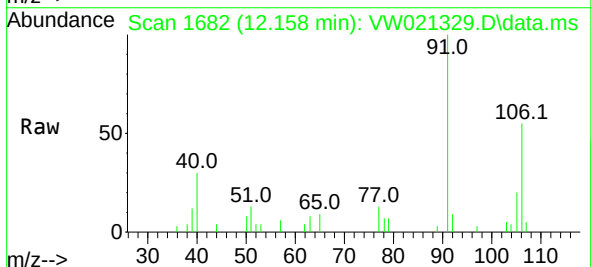
Instrument :
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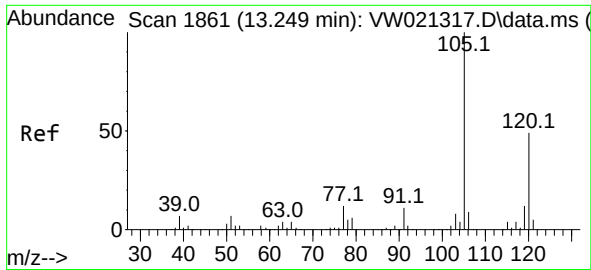
Tgt Ion:106 Resp: 5901
Ion Ratio Lower Upper
106 100
91 187.6 149.9 278.3



#54
o-Xylene
Concen: 0.826 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.007 min
Lab File: VW021329.D
Acq: 11 Dec 2021 16:05

Tgt Ion:106 Resp: 1919
Ion Ratio Lower Upper
106 100
91 180.7 153.6 285.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.604 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021329.D
 Acq: 11 Dec 2021 16:05

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL05

Tgt Ion:105 Resp: 3002
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.0 52.6

