

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021326.D
 Acq On : 11 Dec 2021 14:52
 Operator : SY/VA
 Sample : M5062-03
 Misc : 7.11g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL02

Quant Time: Dec 12 08:08:05 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)

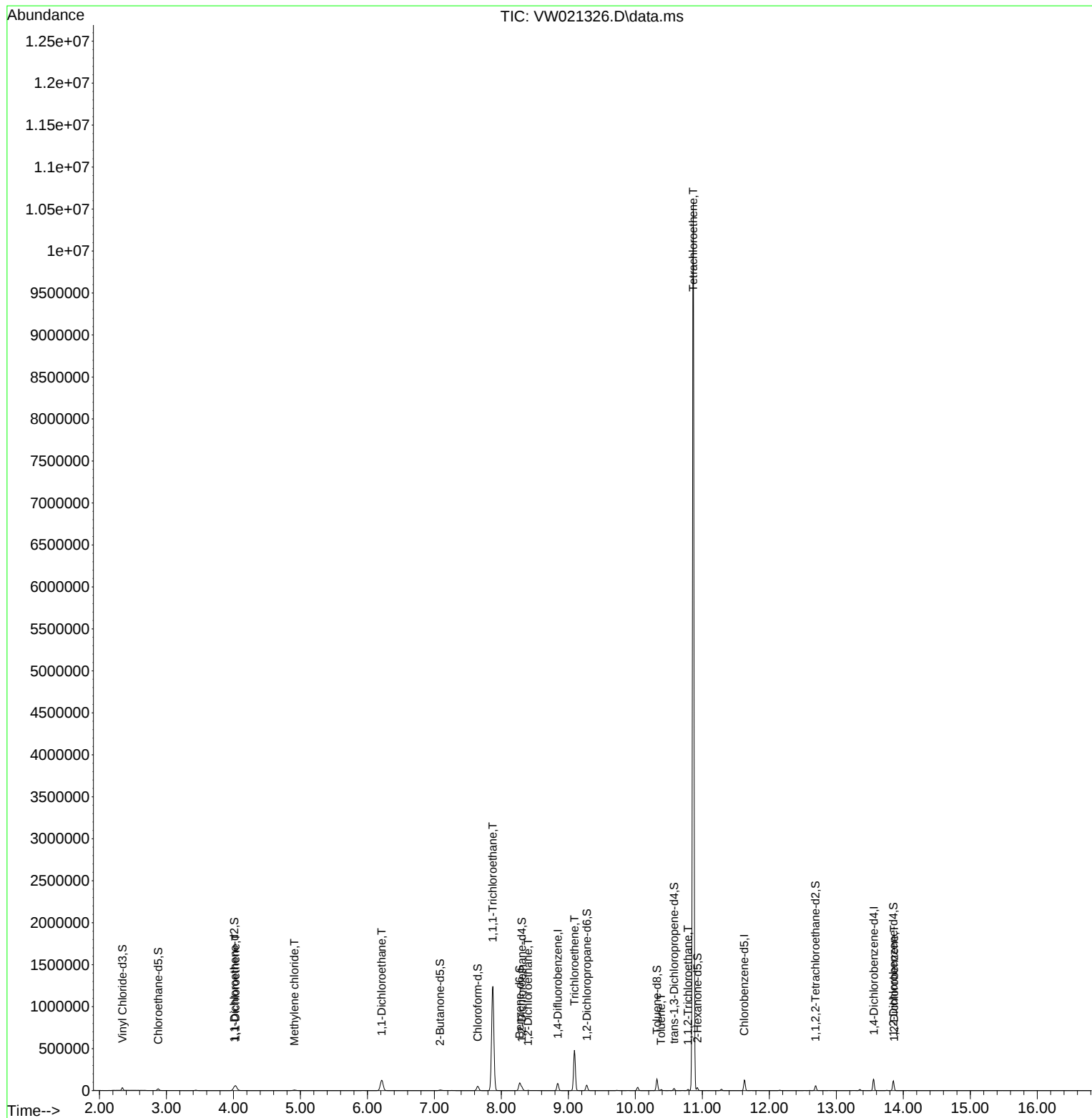
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	74311	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	70716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	36124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	29536	21.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
7) Chloroethane-d5	2.879	69	22229	24.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	4.013	63	41260	22.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.480%
21) 2-Butanone-d5	7.085	46	13130	68.824	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.640%#
24) Chloroform-d	7.646	84	50538	24.404	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.305	65	29112	26.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.720%
32) Benzene-d6	8.274	84	93475	24.115	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	9.274	67	27426	26.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.520%
41) Toluene-d8	10.323	98	89816	22.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.720%
43) trans-1,3-Dichloroprop...	10.579	79	13065	27.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.200%
47) 2-Hexanone-d5	10.926	63	11255	73.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.440%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26445	29.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	31470	22.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.920%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.031	96	25742	27.947	ug/L	78
16) Methylene chloride	4.909	84	5693	4.636	ug/L	80
19) 1,1-Dichloroethane	6.214	63	170134	108.710	ug/L	97
27) 1,2-Dichloroethane	8.396	62	1695	1.473	ug/L #	89
30) 1,1,1-Trichloroethane	7.872	97	958412	604.042	ug/L	94
34) Trichloroethene	9.091	95	153402	141.857	ug/L	90
42) Toluene	10.384	91	8470	1.880	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	4167	5.925	ug/L	92
46) Tetrachloroethene	10.865	164	2301873	2240.751	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	1507	0.739	ug/L #	78

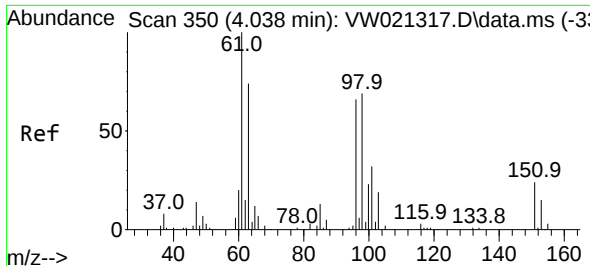
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

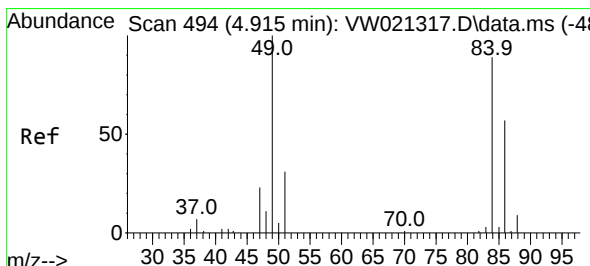
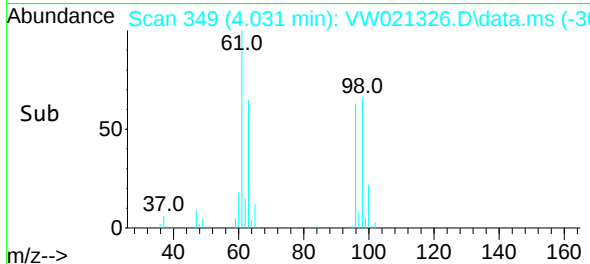
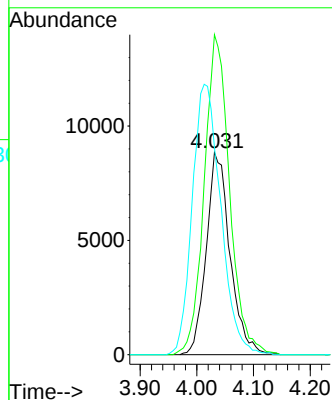
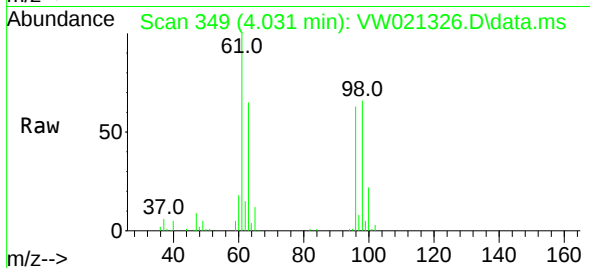




#12
1,1-Dichloroethene
Concen: 27.947 ug/L
RT: 4.031 min Scan# 34
Delta R.T. -0.013 min
Lab File: VW021326.D
Acq: 11 Dec 2021 14:52

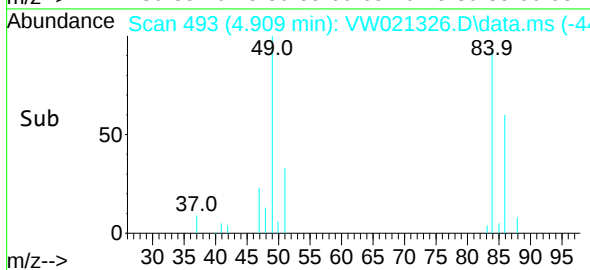
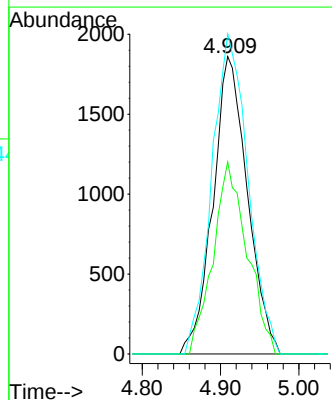
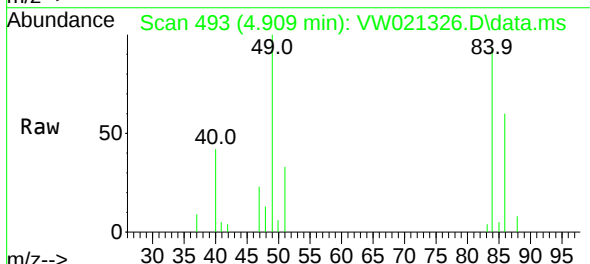
Instrument :
MSVOA_W
ClientSampleId :
BGL02

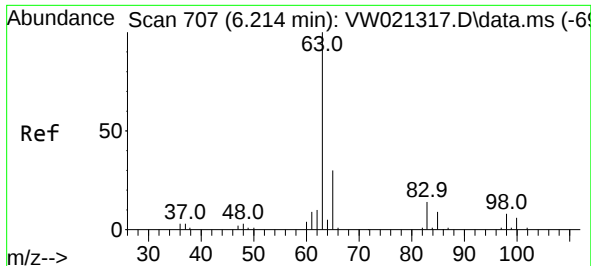
Tgt Ion: 96 Resp: 25742
Ion Ratio Lower Upper
96 100
61 158.2 138.3 256.9
63 102.4 82.6 153.4



#16
Methylene chloride
Concen: 4.636 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.007 min
Lab File: VW021326.D
Acq: 11 Dec 2021 14:52

Tgt Ion: 84 Resp: 5693
Ion Ratio Lower Upper
84 100
86 64.5 45.5 84.5
49 107.6 100.5 186.7





#19

1,1-Dichloroethane

Concen: 108.710 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021326.D

Acq: 11 Dec 2021 14:52

Instrument :

MSVOA_W

ClientSampleId :

BGL02

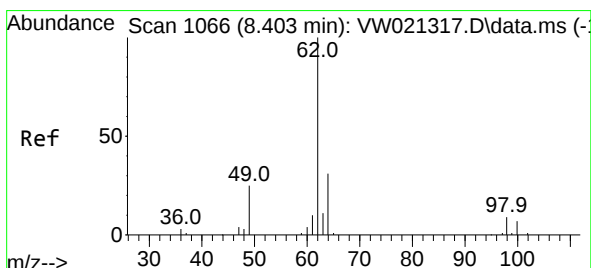
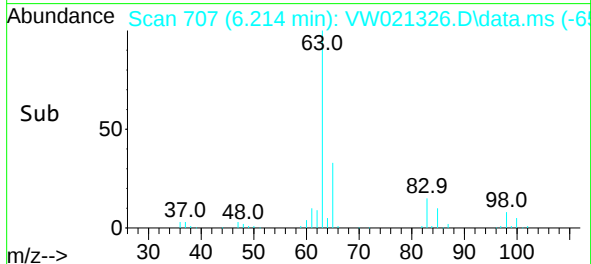
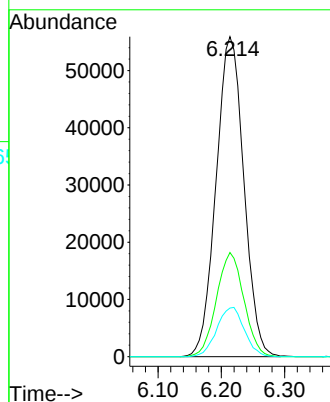
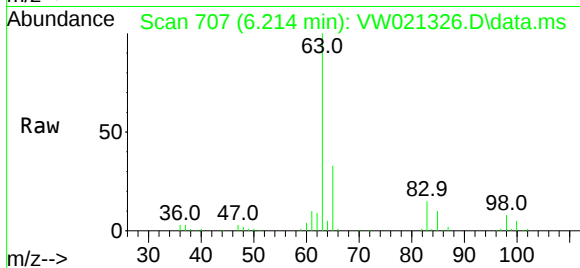
Tgt Ion: 63 Resp: 170134

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 15.2 9.2 17.2



#27

1,2-Dichloroethane

Concen: 1.473 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.007 min

Lab File: VW021326.D

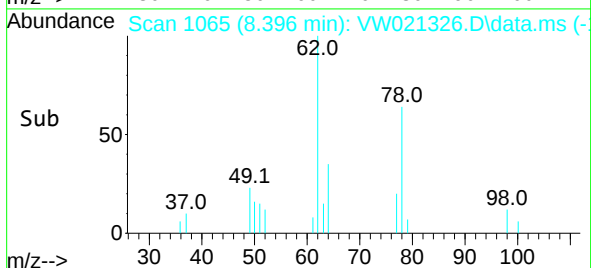
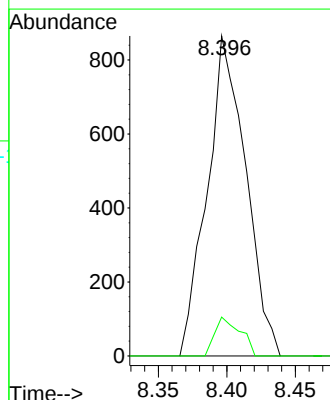
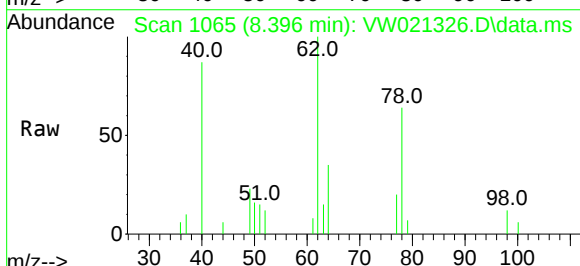
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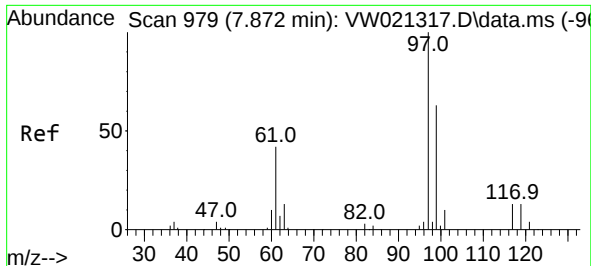
Tgt Ion: 62 Resp: 1695

Ion Ratio Lower Upper

62 100

98 12.1 6.5 9.7#





#30

1,1,1-Trichloroethane

Concen: 604.042 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW021326.D

Acq: 11 Dec 2021 14:52

Instrument :

MSVOA_W

ClientSampleId :

BGL02

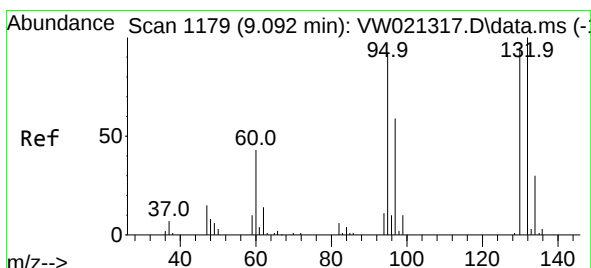
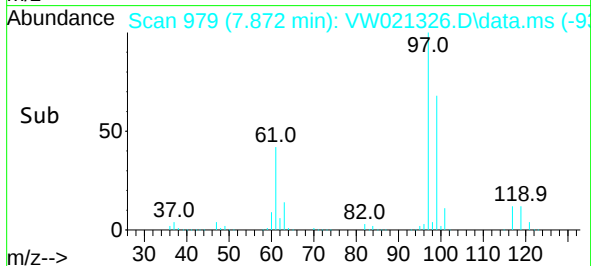
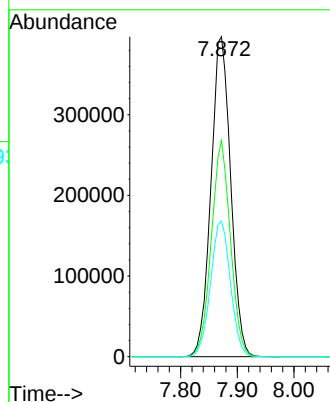
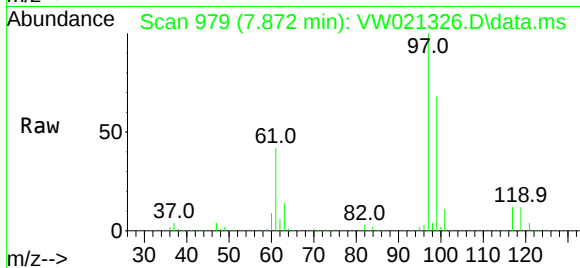
Tgt Ion: 97 Resp: 958412

Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 42.7 40.9 61.3



#34

Trichloroethene

Concen: 141.857 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021326.D

Acq: 11 Dec 2021 14:52

Tgt Ion: 95 Resp: 153402

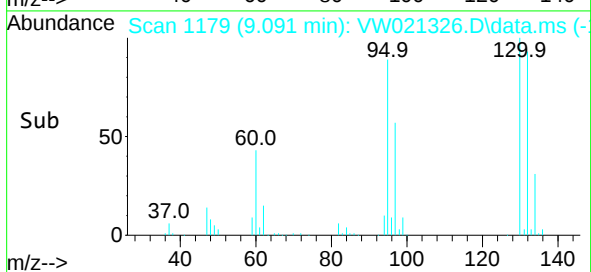
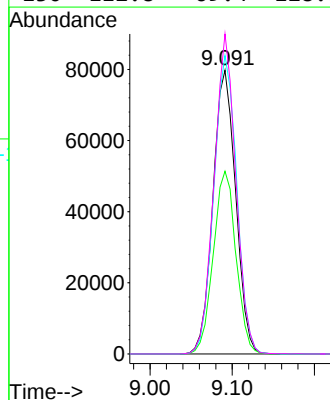
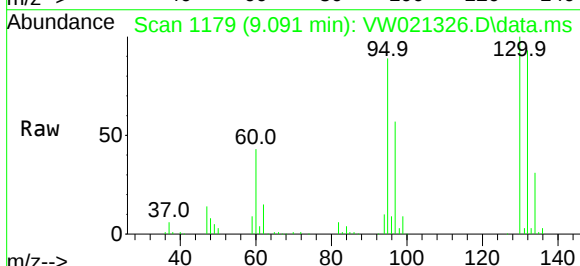
Ion Ratio Lower Upper

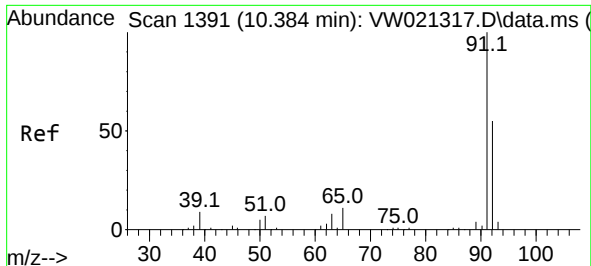
95 100

97 64.4 47.0 87.2

132 105.2 65.5 121.6

130 112.8 69.4 128.8

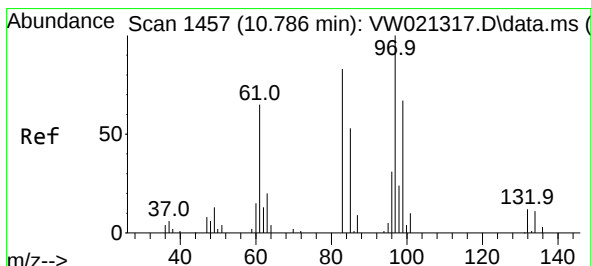
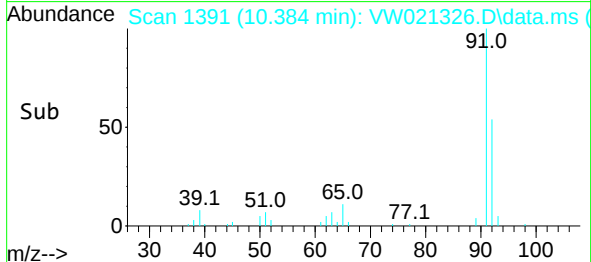
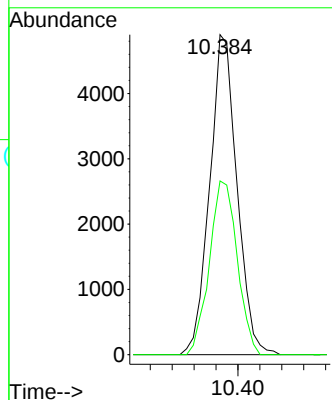
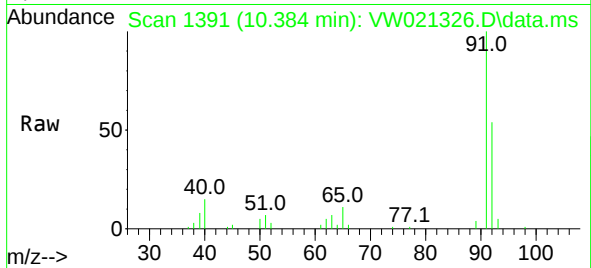




#42
Toluene
Concen: 1.880 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW021326.D
Acq: 11 Dec 2021 14:52

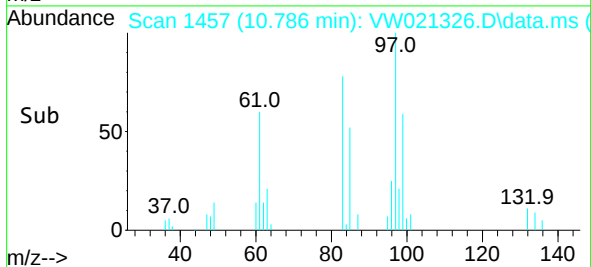
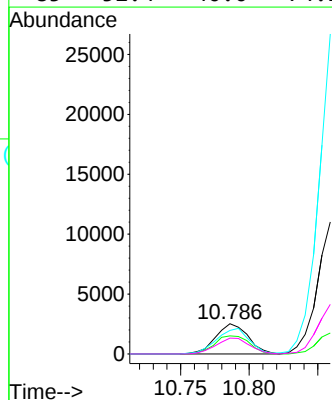
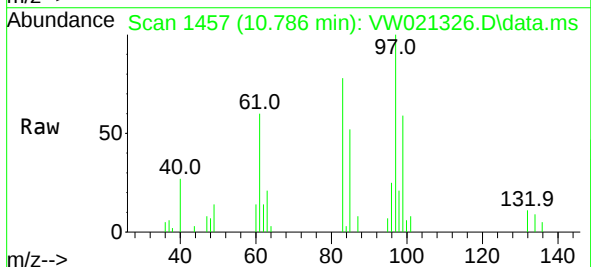
Instrument :
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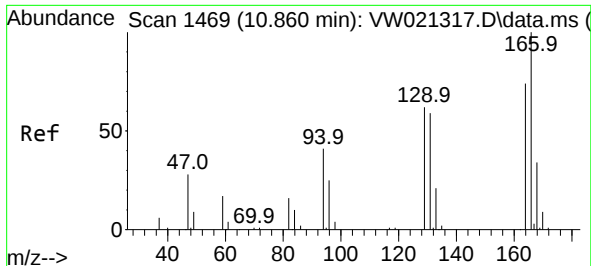
Tgt Ion: 91 Resp: 8470
Ion Ratio Lower Upper
91 100
92 54.3 41.7 77.5



#45
1,1,2-Trichloroethane
Concen: 5.925 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021326.D
Acq: 11 Dec 2021 14:52

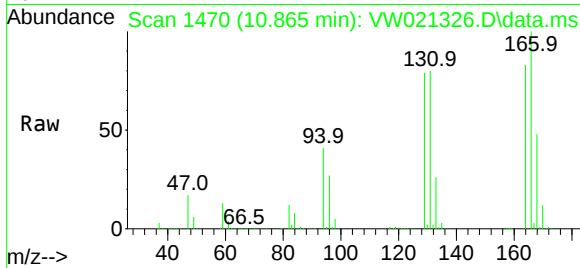
Tgt Ion: 97 Resp: 4167
Ion Ratio Lower Upper
97 100
99 59.5 43.0 79.8
83 77.9 62.6 116.3
85 52.4 40.0 74.2



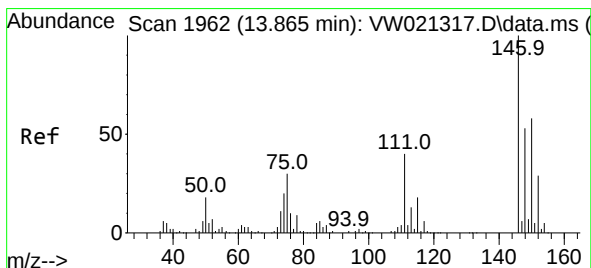
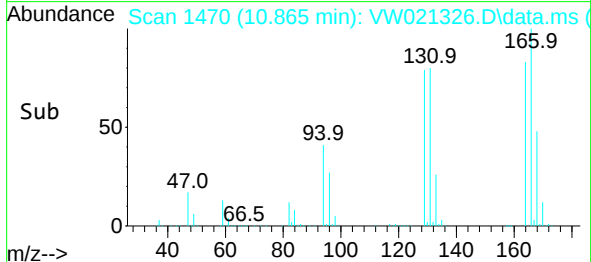
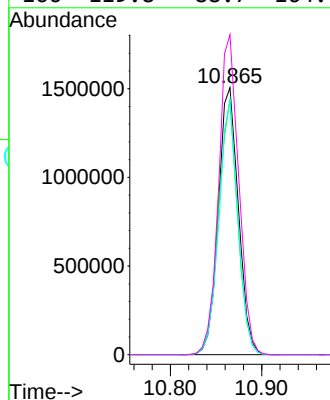


#46
Tetrachloroethene
Concen: 2240.751 ug/L
RT: 10.865 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021326.D
Acq: 11 Dec 2021 14:52

Instrument :
MSVOA_W
ClientSampleId :
BGL02



Tgt Ion:164 Resp: 2301873
Ion Ratio Lower Upper
164 100
129 95.2 65.5 121.7
131 95.4 59.7 110.9
166 119.8 88.7 164.7



#67
1,2-Dichlorobenzene
Concen: 0.739 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021326.D
Acq: 11 Dec 2021 14:52

Tgt Ion:146 Resp: 1507
Ion Ratio Lower Upper
146 100
111 48.7 33.1 49.7
148 81.6 47.4 71.2#

