

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021171.D
 Acq On : 06 Dec 2021 15:58
 Operator : SY/VA
 Sample : M4888-14
 Misc : 3.59g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B9

Quant Time: Dec 07 01:51:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

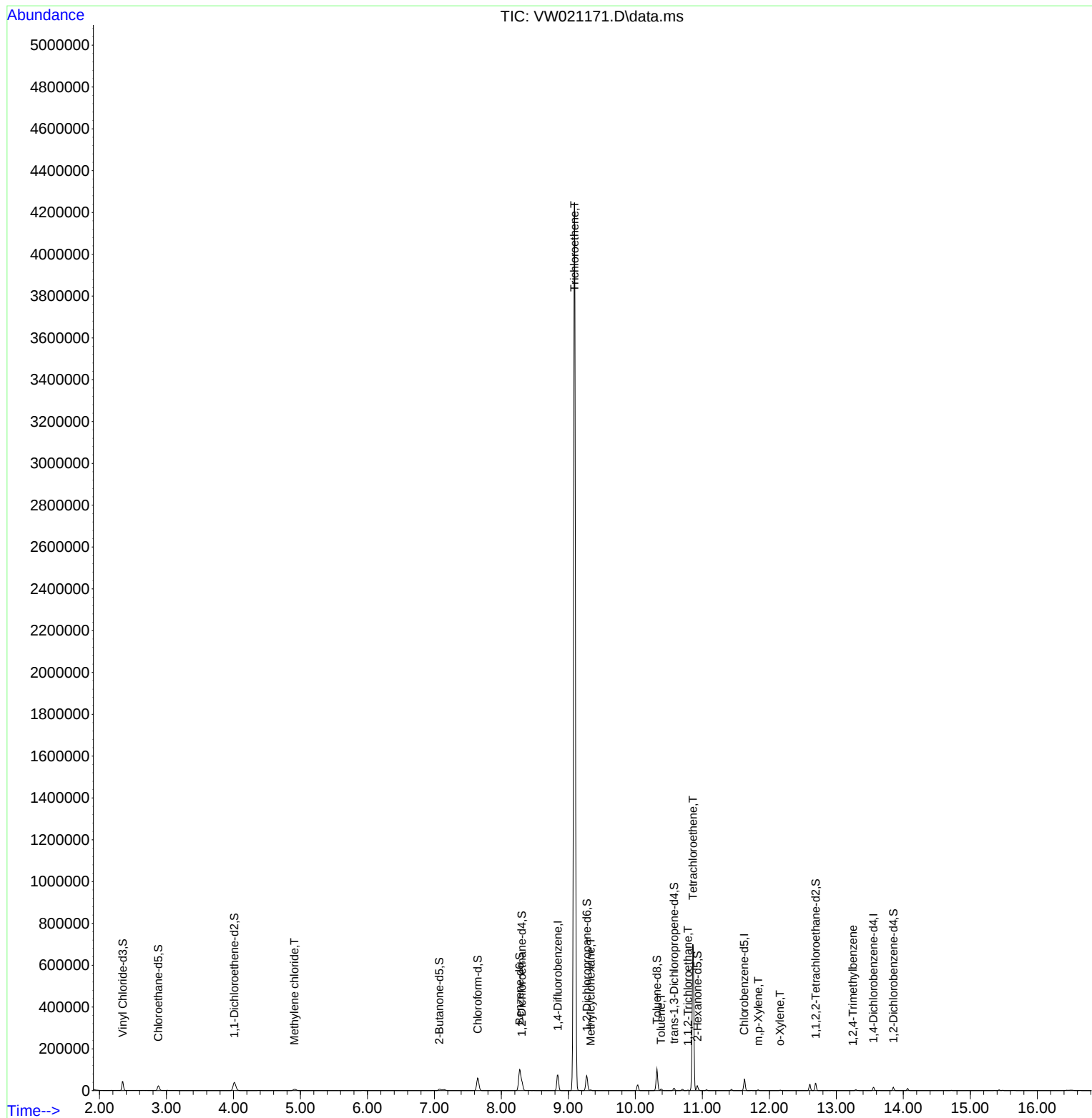
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	65184	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	28987	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43015	47.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	189.440%#
7) Chloroethane-d5	2.879	69	26374	43.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	173.520%#
11) 1,1-Dichloroethene-d2	4.013	63	37077	25.555	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.240%
21) 2-Butanone-d5	7.074	46	12722	61.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.820%
24) Chloroform-d	7.647	84	57707	35.350	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	141.400%
26) 1,2-Dichloroethane-d4	8.305	65	30207	33.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	135.280%#
32) Benzene-d6	8.275	84	100372	67.721	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	270.880%#
36) 1,2-Dichloropropane-d6	9.274	67	30309	73.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	294.360%#
41) Toluene-d8	10.323	98	64610	42.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	170.040%#
43) trans-1,3-Dichloroprop...	10.579	79	6321	33.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	135.200%#
47) 2-Hexanone-d5	10.926	63	7842	99.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	199.020%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	16149	42.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	169.520%#
66) 1,2-Dichlorobenzene-d4	13.853	152	4291	26.673	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.680%
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	5127	4.992	ug/L	87
34) Trichloroethene	9.091	95	1348889	2966.139	ug/L	94
35) Methylcyclohexane	9.335	83	1239	1.619	ug/L	# 87
42) Toluene	10.384	91	6470	3.436	ug/L	86
45) 1,1,2-Trichloroethane	10.786	97	884	2.830	ug/L	88
46) Tetrachloroethene	10.859	164	154856	371.872	ug/L	93
53) m,p-Xylene	11.835	106	1149	1.310	ug/L	94
54) o-Xylene	12.158	106	777	0.940	ug/L	80
63) 1,2,4-Trimethylbenzene	13.249	105	541	1.029	ug/L	89

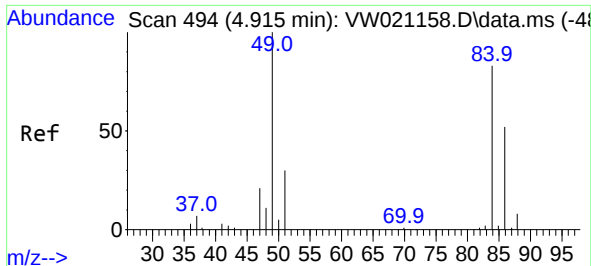
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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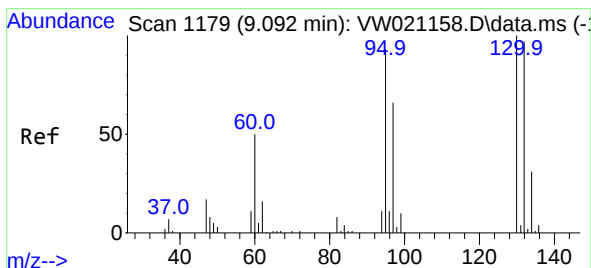
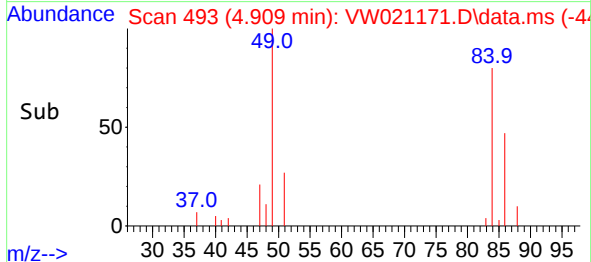
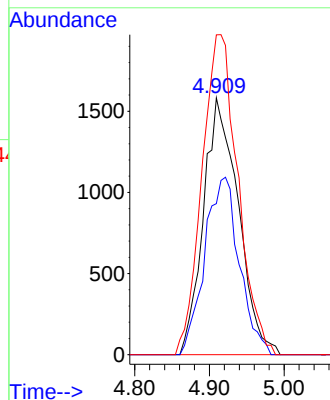
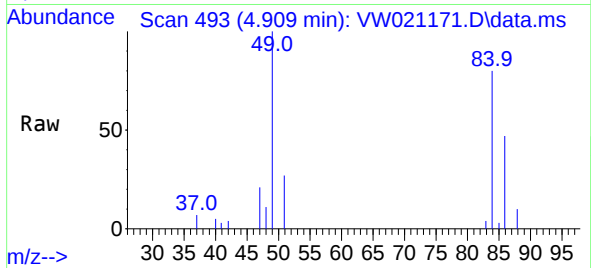




#16
Methylene chloride
Concen: 4.992 ug/L
RT: 4.909 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW021171.D
Acq: 06 Dec 2021 15:58

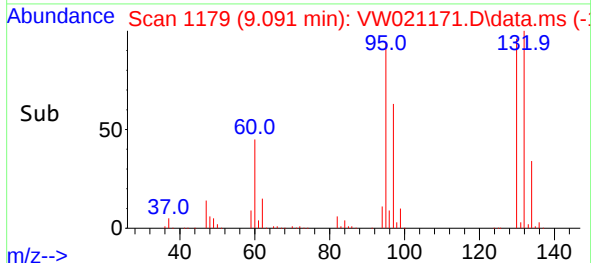
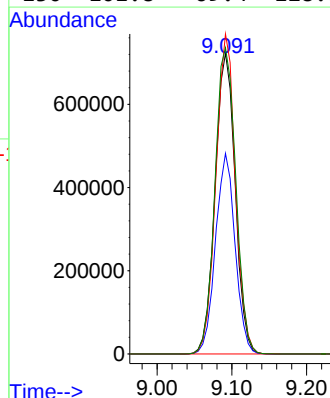
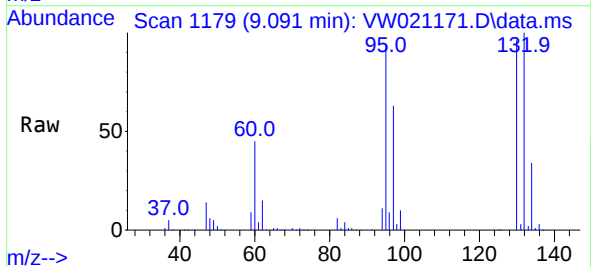
Instrument :
MSVOA_W
ClientSampleId :
EX8B9

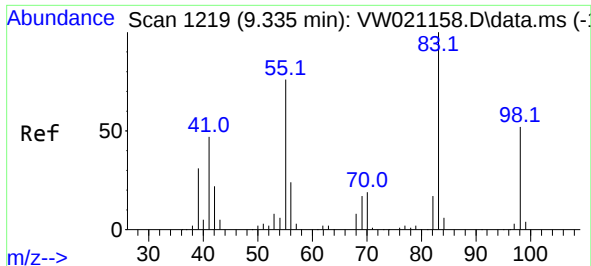
Tgt Ion: 84 Resp: 5127
Ion Ratio Lower Upper
84 100
86 58.8 45.5 84.5
49 124.5 100.5 186.7



#34
Trichloroethene
Concen: 2966.139 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021171.D
Acq: 06 Dec 2021 15:58

Tgt Ion: 95 Resp: 1348889
Ion Ratio Lower Upper
95 100
97 66.6 47.0 87.2
132 106.4 65.5 121.6
130 101.8 69.4 128.8





#35

Methylcyclohexane

Concen: 1.619 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021171.D

Acq: 06 Dec 2021 15:58

Instrument :

MSVOA_W

ClientSampleId :

EX8B9

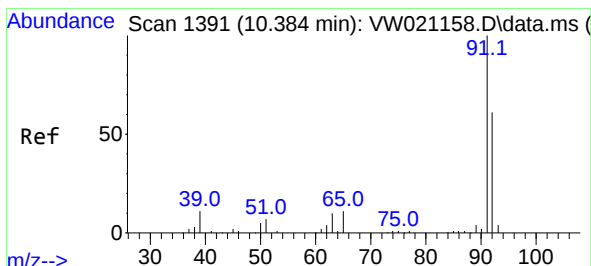
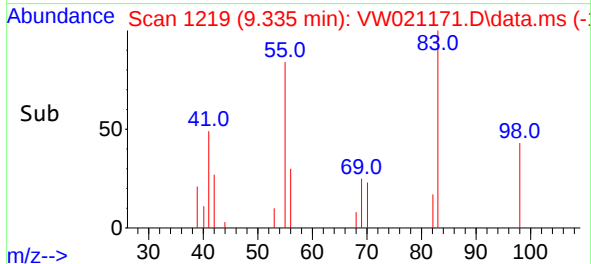
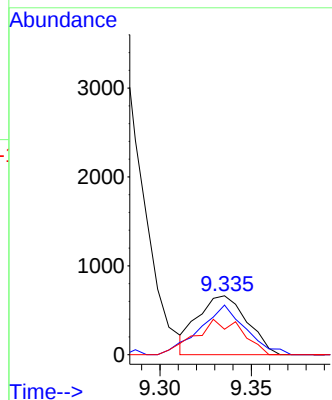
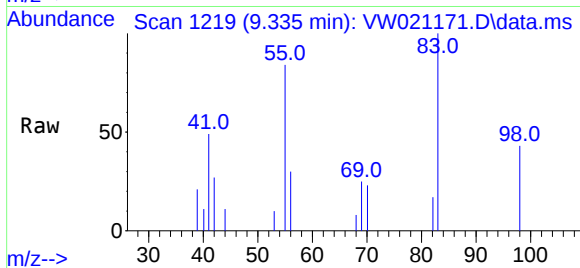
Tgt Ion: 83 Resp: 1239

Ion Ratio Lower Upper

83 100

55 78.6 70.8 106.2

98 57.9 37.7 56.5#



#42

Toluene

Concen: 3.436 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021171.D

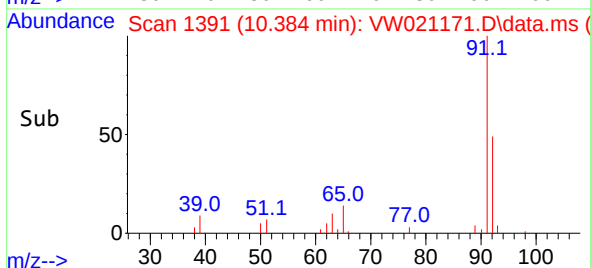
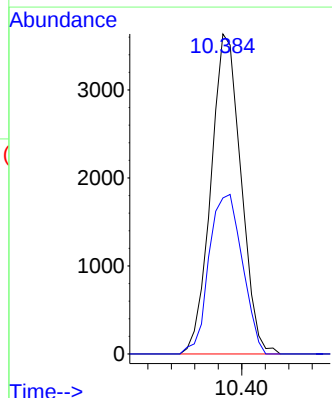
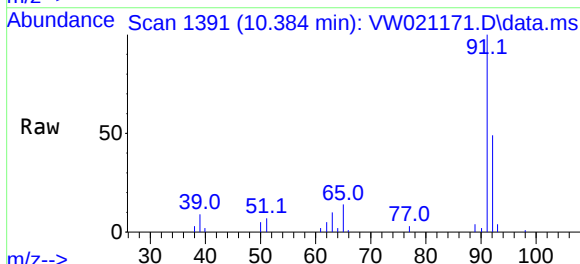
Acq: 06 Dec 2021 15:58

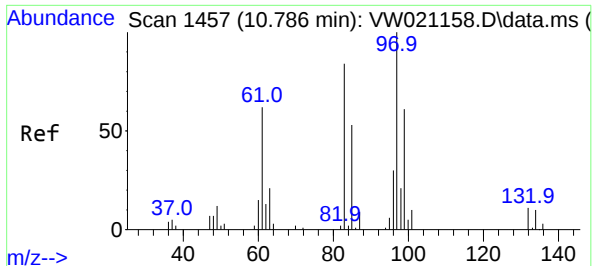
Tgt Ion: 91 Resp: 6470

Ion Ratio Lower Upper

91 100

92 48.8 41.7 77.5



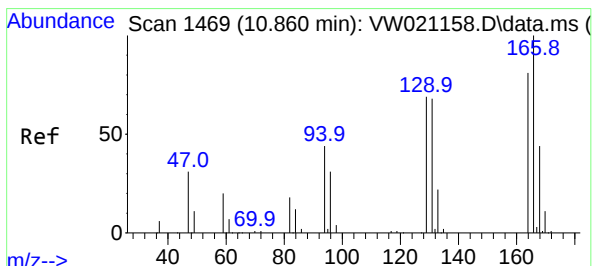
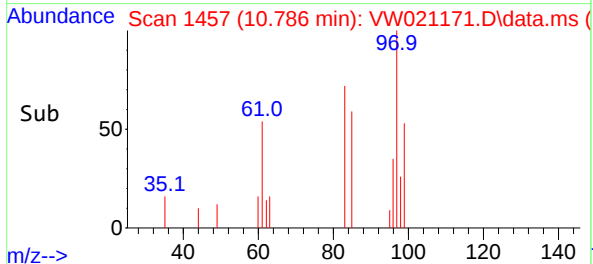
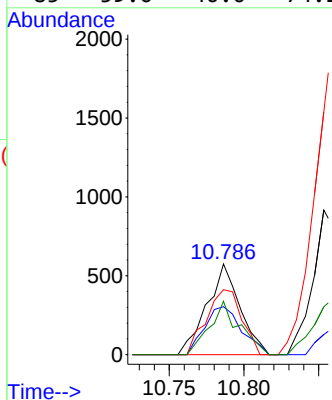
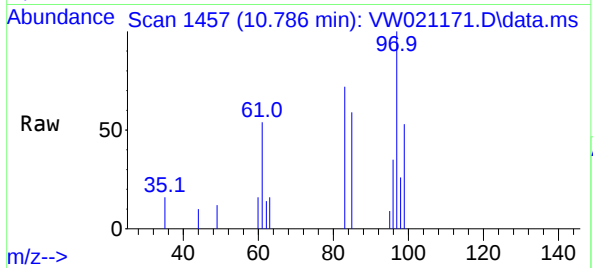


#45
1,1,2-Trichloroethane
Concen: 2.830 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021171.D
Acq: 06 Dec 2021 15:58

Instrument :
MSVOA_W
ClientSampleId :
EX8B9

Tgt Ion: 97 Resp: 884

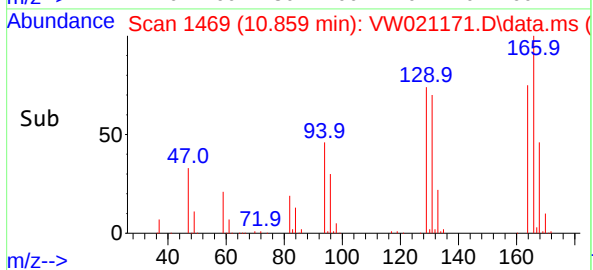
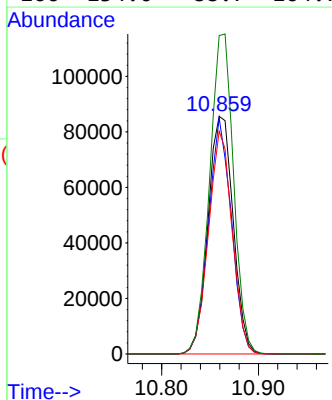
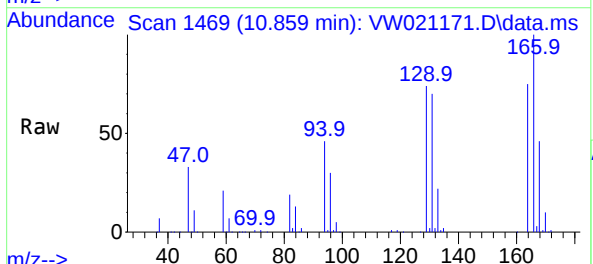
Ion	Ratio	Lower	Upper
97	100		
99	52.9	43.0	79.8
83	71.7	62.6	116.3
85	59.0	40.0	74.2

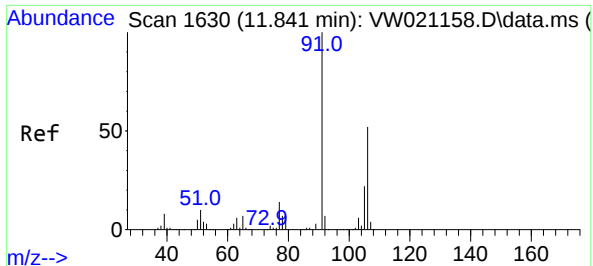


#46
Tetrachloroethene
Concen: 371.872 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021171.D
Acq: 06 Dec 2021 15:58

Tgt Ion: 164 Resp: 154856

Ion	Ratio	Lower	Upper
164	100		
129	99.3	65.5	121.7
131	93.8	59.7	110.9
166	134.0	88.7	164.7





#53

m,p-Xylene

Concen: 1.310 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021171.D

Acq: 06 Dec 2021 15:58

Instrument :

MSVOA_W

ClientSampleId :

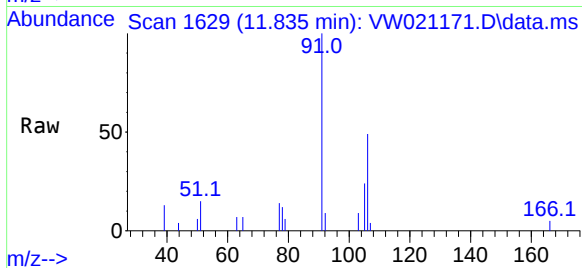
EX8B9

Tgt Ion:106 Resp: 1149

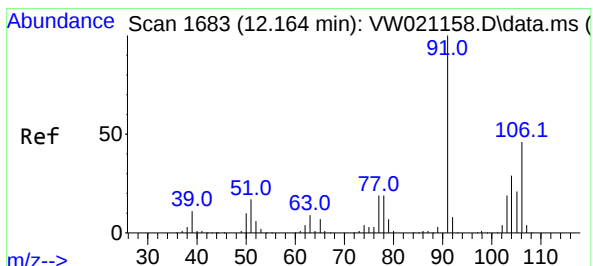
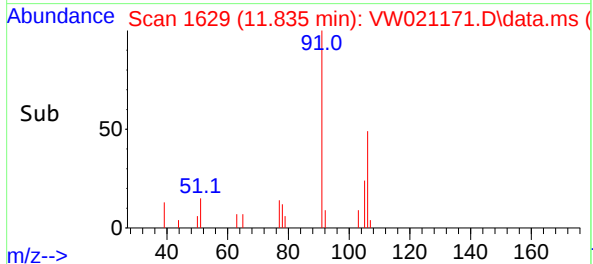
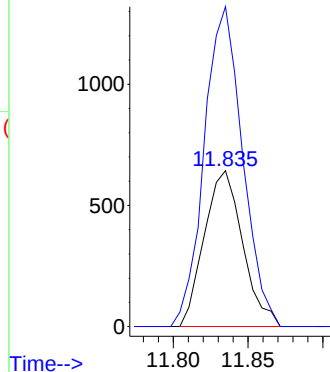
Ion Ratio Lower Upper

106 100

91 205.3 149.9 278.3



Abundance



#54

o-Xylene

Concen: 0.940 ug/L

RT: 12.158 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VW021171.D

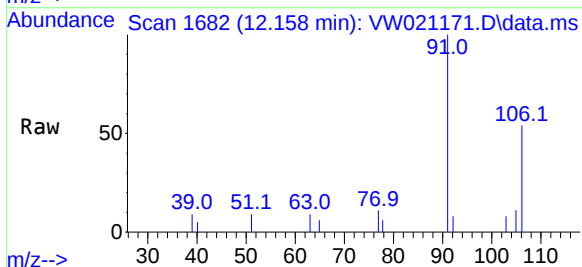
Acq: 06 Dec 2021 15:58

Tgt Ion:106 Resp: 777

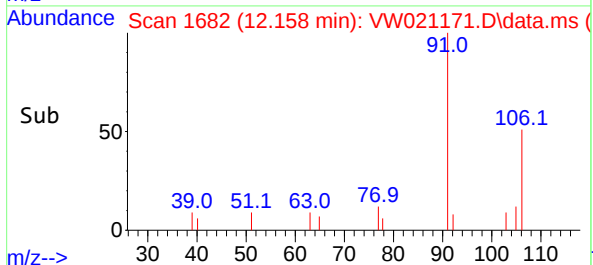
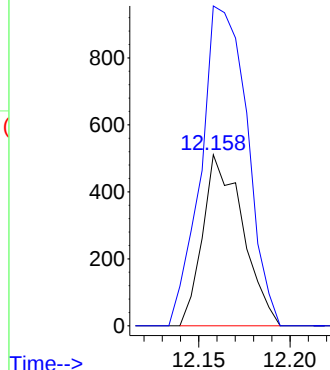
Ion Ratio Lower Upper

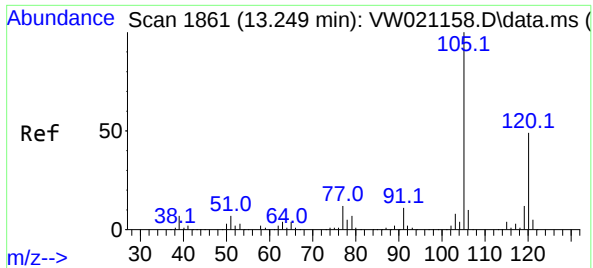
106 100

91 186.9 153.6 285.3



Abundance





#63
1,2,4-Trimethylbenzene
Concen: 1.029 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021171.D
Acq: 06 Dec 2021 15:58

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:105 Resp: 541
Ion Ratio Lower Upper
105 100
120 36.4 35.0 52.6

